



HIGH MOWING *Organic Seeds*

2021 ORGANIC SEED CATALOG

100% Certified Organic, Non-GMO Project Verified



highmowingseeds.com



Welcome



The most tangible version of hope I've encountered in my life is a seed.

As growers, when we plant we make the commitment to hope in that quiet, commonplace moment. We decide that from this small beginning, big things await on the horizon. We commit to the time and nurturing it takes to see a plant through from seed, to germination, to leaf, flower and fruit and we have faith that we will be able to craft the conditions needed for a bountiful harvest.

We couldn't have predicted the challenges we would face in the year 2020. The difficulties we collectively endured were very revealing about where we are, how our food system works and how important access to locally grown foods truly is. Through it all, your voices--your stories of resilience and your commitment to your communities, families and friends have inspired us and deepened our sense of purpose here at High Mowing. We have chosen to use our catalog pages to elevate and share some of these stories back to you. Let the diversity of our growers remind us of what we know as ecologically-minded farmers and gardeners: life is richer, safer, more abundant and more beautiful with diversity.

In this time of transformation, I feel grateful for an anchor, a mooring, something to hold on to. There are people who can do that for us. There are places and land that can do that for us, and perhaps High Mowing is a place that can offer you something to hold on to. We are collectively here for you: present, striving, caring and essential.

So take these seeds and put them in your ground! Build community with them. Nourish the world around you. And support each other to have the courage to transform your part of the world into something healthier and more inter-connected.

Please know that we are truly, deeply with you,

Tom Stearns, Founder

COVER PHOTO: Included in this catalog are the stories of 13 individuals embodying resilience in their communities. From left to right are Gabrielle Perez (pg. 31), Brian Truong (pg. 55), Kofi Thomas (pg. 91), Chaz Daughtry (pg. 59), Yoko Takemura (pg. 72), Wendy Palthey (pg. 94), Becky Bazille (pg. 54), Erica Kempter (pg. 64), Abigail Shaw (pg. 28), Livin' the Dream Farm (pg. 11), Celina Landry (pg. 17) and Jay Hill (pg. 10). Not featured is Kevin Gadsby (pg. 76).

4 EASY WAYS TO ORDER

PHONE

(866) 735-4454 toll free

8 AM – 6 PM EST, Monday through Friday starting in December; with extended Saturday hours 9 AM – 5 PM January through April and modified summer hours 9 AM – 5 PM Monday through Friday, May through November.

WEB

highmowingseeds.com

FAX

(802) 472-3201

Fax the order form (p. 58) anytime.

MAIL

Send the order form (p. 58) to:

High Mowing Organic Seeds

76 Quarry Road, Wolcott, VT 05680

PAYMENT OPTIONS

Mail orders can be paid for by check, money order or credit card (Mastercard, Visa, Discover or American Express). Fax, phone and web orders can be paid for by credit card.

LIMITATION OF LIABILITY

Farming or gardening is risky business, with weather extremes and many other variables outside our control. The responsibility of High Mowing Organic Seeds extends only to the purchase price of the seed.

**Prices are in effect through November 1, 2021 and are subject to change.*

We offer

FREE SHIPPING!*

**On orders over \$25, see page 58 for details.*

The Safe Seed Pledge

In 1999 High Mowing Organic Seeds guided a coalition of 9 other seed companies in drafting a statement about the signers' stance on genetic engineering.

"Agriculture and seeds provide the basis upon which our lives depend. We must protect this foundation as a safe and genetically stable source for future generations. For the benefit of all farmers, gardeners and consumers who want an alternative, we pledge that we do not knowingly buy or sell genetically engineered seeds or plants. The mechanical transfer of genetic material outside of natural reproductive methods and between generations, families or kingdoms poses great biological risks, as well as economic, political and cultural threats. We feel that genetically engineered varieties have been insufficiently tested prior to public release. More research and testing is necessary to further assess the potential risks of genetically engineered seeds. Further, we wish to support agricultural progress that leads to healthier soils, genetically diverse agricultural ecosystems and ultimately healthy people and communities."



54 New Varieties for 2021



**Garden Scented
Sweet Pea p. 106**



**Space F1
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**Winter Sweet F1
Kabocha Squash p. 84**



**Eliance
Escarole p. 35**



**Magic Molly
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**Plum Regal F1
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**Saladin
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**Bellatrix F1
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**Bellevue Red Oak Leaf
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**Supersonic F1
Summer Squash p. 80**



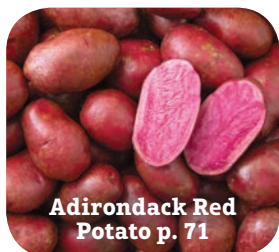
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**Adirondack Red
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**Magnum
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What's in a description? Here's what you'll find in our variety listings:

VARIETY NAME

ITEM CODE

DAYS TO MATURITY:

From transplant if a commonly transplanted crop or from seeding if commonly direct sown; based on Vermont conditions.

VARIETY FEATURES LINE:

- Indicates if variety is OP (open-pollinated), HEIRLOOM or HYBRID.
- Indicates if protection status category of variety is OSSI (Open Source Seed Initiative), UP (Utility Patent), or PVP (Plant Variety Protected). See key on right hand side of this page for details.
- Indicates intermediate (IR) or high (HR) resistances—resistance key is in the crop type's Cultural Information.
- Indicates useful information such as fruit size, commercial uses and other important attributes that make the variety unique.

2592 **Outredgeous** 30 days baby, 55 full size
OP • OSSI • **MT0-30** • Great baby leaf variety • Upright habit
Out-does all the reds, forming a loose teenage head with spectacular solid magenta color. Outredgeous is so red that botany students didn't recognize it as lettuce when they saw it in Frank Morton's breeding nursery. Makes an eye-catching statement in your premium salad mix. Released under the Open Source Seed Initiative. Grown on the International Space Station in 2015. A portion of the sales of this variety is paid to the breeder.

ATTRIBUTION:

Certain varieties that were bred by our partners, public or independent breeders have been identified at the end of the descriptions.

PROTECTION STATUS CATEGORIES

Look for these notations in the first line of the variety descriptions:

OSSI - Open Source Seed Initiative. These varieties have been protected under the OSSI's pledge and the germplasm is open, unrestricted, available for utilization by the general public in perpetuity and can never be patented or restricted.

UP - Utility Patent. Variety has patented genetic attributes that disallow an individual from saving, breeding with, or selling seed from parent plants. Lasting 20 years, this patent protects plant breeders' investments in the development of improved varieties.

PVP - Plant Variety Protected. Protects unique seed and tuber varieties by prohibiting unauthorized commercialization. Lasting 20 years, this protection guards the work of breeders who develop uncommon and desirable traits in both open pollinated and hybrid varieties. Breeding with and saving seed from these varieties is allowed.

Artichokes

Cynara scolymus

Artichokes have impressive purple flowers that attract pollinators and are breathtaking to behold in person.

CULTURAL INFO: Days to maturity are from transplanting. Although artichokes are perennials, certain varieties can be grown as annuals, even in cold climates, by exposing the young plants to cool temperatures to vernalize them. Start seeds indoors at least 10 weeks before the last frost date. Plant ¼" deep and keep at 65-70°F. Transplant to larger pots or cells when roots are well developed. Harden off before planting outside, but get them out 10 days or more before the last frost date so they'll experience temperatures between 40-50°F. They can tolerate light frost, but protect if harder frost is expected. Soil preparation is required as artichokes do best in rich, well-drained soil with

neutral to slightly acidic pH between 6.0 and 7.0. Fertilize heavily at planting and continue to side dress in the early season of rapid growth.

SEED SPECS: 560-680 (625 avg) seeds/oz, 9-11M seeds/lb. M=1,000. Direct seeding rate, 2 seeds every 12", thin to 1 plant in rows 5' apart. Transplants: 24"-30" apart in rows 5' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



Wonder® F1



Tavor

1505 Wonder® F1 88 days

HYBRID • UP • Spineless • High yielding

High-quality spineless hybrid with excellent flavor. After a long search, we are quite pleased with this hybrid artichoke with exceptional performance. Has pear shaped, dense 5" heads with good, bright color. Very firm with a tender and delicious center. From our partners at Genesis Seeds.

1501 Tavor 90 days

OP • 3-4' tall • Short vernalization period

Improved Imperial Star-type adapted for organic production. Nearly spineless plants yield 7-8 artichokes averaging 4.5" in diameter. Artichokes are green with purple tips and are buttery and tender when steamed. Can be grown as an annual from seed in one season.

ARTICHOKE SEED - SOLD BY SEED COUNT

	10	100	250	500	1 M	5 M
1501 Tavor	\$ 2.95	\$ 12.50	\$ 25.00	\$ 43.00	\$ 70.00	\$ 61.00/M
1505 Wonder F1	\$ 3.95	\$ 16.00	\$ 28.00	\$ 48.00	\$ 75.00	\$ 70.00/M

Larger volumes available; please call for pricing.

Beans

Phaseolus vulgaris



Michael standing with his summer Rattlesnake pole bean crop at Stratton's CSA in Nova Scotia.

CULTURAL INFO: Days to maturity are from direct seeding. Beans are tender annuals that prefer full sun, average fertility and well-drained soils. Bush varieties do not require support, but pole varieties will require varying amounts. Direct seed after all danger of frost has passed. Inoculant may be used to increase yields. Optimal soil temperature for germination is 75-95°F. Beans are particularly sensitive to cool soils and may rot at soil temperatures below 55°F. Germination is apparent within 7-10 days. Snap beans can be sown through the summer every 1-2 weeks for a continuous harvest all season. Store unwashed snap beans at 40°F and 90% humidity for 7-10 days; can or freeze for long term storage. Dry beans should be harvested when pods are at least 70% brown and threshed when pods are dry enough to break easily. Dry the threshed beans to approximately 10-15% moisture before storage or allow to continue drying in breathable bags.

DISEASE & PESTS: Root rot is caused by several different soil-borne fungi;

prevent by planting into well-drained soil when temperatures have warmed. To avoid disease, only handle plants in dry conditions. Wide spacing allows more airflow between plants, helping to dry plant surfaces. Infected plants should be removed immediately.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **AN-Anthracnose**, **BBS-Bacterial Brown Spot**, **BCMV-Bean Common Mosaic Necrosis Virus**, **BCMV-Bean Common Mosaic Virus** (races indicated if known), **CTV-Curly Top Virus**, **DM-Downy Mildew**, **FW-Fusarium Wilt**, **HB-Halo Blight**, **PM-Powdery Mildew**, **PMV-Pod Mottle Virus**, **R-Rust**

SEED SPECS: 70-220 (145 avg) seeds/oz, 1.1-3.5M (2.3M avg) seeds/lb. M=1,000. 1 oz approx. 145 seeds. Direct seeding rate: Bush, 8 seeds/foot in rows 18-30" apart. Pole, 8 seeds/foot in rows 5' apart.

Please see **Planting Chart** on page III or go to highmowingseeds.com for more info.

SNAP BUSH

2210 **Provider** 50 days

OP • HR: **BCMV**, **PM** • 5-6" uniform pods

The standard fresh market variety for green beans. Provider comes through every year with early, heavy yields of attractive, uniform beans. Plants are vigorous and productive with strong root systems, even under adverse conditions. Good resistance to mildew and virus. Purple seeds.

new 2024 **Magnum** 51 days

OP • HR: **BCMV** • Early maturing • 7-9" pods

Uniform, flat and extra tender bush bean with Kentucky Wonder flavor. These prolific producers of beautiful beans set fruit high on the plant and are a great substitute for Kentucky Wonder pole beans where space and/or trellising are an issue. Beans are tender and deep green with impressive length and irresistible flavor and crunch. Dark brown seeds.

2205 **Antigua** 55 days

OP • HR: **AN**, **BCMV** / IR: **HB** • Suitable for mechanical harvest • 5" pods

Impressive yields of beautiful dark green pods on widely adapted plants. The darkest green bush bean of any variety we saw in our trials. Very upright, 18" tall plants offer excellent disease resistance and form a plethora of uniform pods that are suitable for mechanical harvests. Developed for the processing industry to offer commercial yields of beans that are good for blanching. From our partners at Pure Line Seeds. White seeds.

2022 **Jade** 55 days

OP • HR: **BCMV** / IR: **BBS**, **CTV**, **R** • Heat tolerant • 6-7" long pods

Gourmet-quality long, slender, stringless green beans. Commercial yields of glossy, medium green beans for fresh market sales or the garden. Large, 18-22" tall plants produce yields comparable to Provider and Strike. Pale green seeds. *Unavailable in 2021*

2255 **Strike** 55 days

OP • HR: **BCMV** • Suitable for mechanical harvest • 5-6" pods

Strike it rich with heavy harvests ideal for processing or freezing. Stringless, smooth beans are medium green in color. Strike is known for its concentrated pod set; great for canning. Widely-adapted, disease-resistant variety. White seeds.

COLORED SNAP BUSH

new 2021 **Celine** 55 days

OP • PVP pending • HR: **BCMV** (I) • Magenta Color • 4.75-5.5" pods

Vibrant, dark to light purple wax beans with contrasting yellow interior. Tasty and juicy beans with a strikingly bright, magenta color. These are the first purple wax beans on the market. Plants are healthy producers of uniform beans on robust, bush habit plants. Incredible as a stand-alone variety or mixed with other colors for specialty appeal. Brighter and more of a brilliant purple than most other purple bean varieties. Tender enough to be enjoyed raw. Color fades upon cooking. Developed by Dr. John Hart of EarthWorks Seeds. Light tan seeds.



Provider



Magnum



Antigua



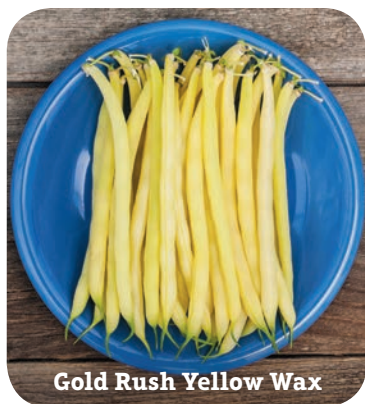
Jade



Strike



Celine



Gold Rush Yellow Wax



Mardi Gras Blend



Maxibel Haricot Vert



Royal Burgundy



Tavera Haricot Vert



Dragon Langerie



Roma II

2232 Gold Rush Yellow Wax 55 daysOP • HR: **BCMV, CTV** • Concentrated harvest • Holds well • 4-5" pods

Early variety with concentrated maturity for a faster harvest. Lemon-yellow pods with green tips are round, straight and tender. Fine flavor and crisp texture ideal for pickling or lacto-fermenting. Pods hang in clusters around the main stem, making them easy to pick. White seeds.

2150 Mardi Gras Blend 55 daysOP • **HMOs EXCLUSIVE** • Matures evenly • 4-6" pods

Pre-mixed purple, yellow and green snap beans make an eye-catching custom blend.

No more hand mixing after a bean harvest – our tri-color bean blend makes it easy and efficient to offer bags of colorful beans. Varieties selected for their excellent flavor and even rates of maturity. Plant successions and harvest these beautiful, festive beans all season. Includes gold, purple and green snap beans.

2230 Royal Burgundy 55 days

OP • Large plants • 5" pods

Gorgeous deep purple stringless pods with green interiors. Almost-black beans make a stunning display when mixed with yellow and green beans, especially raw in salads. Beans turn green when cooked. Widely adapted, grows well in cool conditions. Displayed highest resistance to white mold in our trials. Light brown seeds.

FRENCH FILET BUSH**2258 Tavera Haricot Vert** 54 daysOP • HR: **AN, BCMV** • Compact, high yielding • 4-5" pods

Extra-slim, stringless French filet beans with incredible flavor. Similar to Maxibel in quality but shorter in length and darker green. These exceptionally tender french filet beans are perfect lightly steamed and served with butter or in bean salad. Round pods are ready for picking when 4-5" long. White seeds.

2200 Maxibel Haricot Vert 65 daysOP • HR: **AN, BCMV** • Large plants • Tender 6-8" pods

Unsurpassed French filet bean for gourmet markets. Known for its long, slender, medium green pods with a delicate tender texture. Heavy producer of 6-8" beans on good-sized plants. Maxibel will keep you loaded with fresh beans; pick frequently for optimal tenderness and yields. Speckled brown seeds.

ROMANO BUSH**2234 Dragon Langerie** 55 days fresh, 95 dry

HEIRLOOM • Versatile • 6-8" flat pods

Unique purple-streaked white pods, also known as Dragon's Tongue. Popular for eating fresh as a snap bean with super flavor and crispness – a clear winner in our taste tests. Streaks fade when cooked. Versatile variety also makes a great shelling bean or dry bean. Purple seeds.

2157 Roma II 59 daysOP • HR: **BCMV, R** • Stringless • 5-6" pods

A popular Italian Romano-type, long beloved for its distinctive flavor and high yields. Broad, flat beans have the buttery flavor of the Romano pole bean, but produce on easy, compact bush plants. Beans retain flavor after processing. Excellent eating quality, suitable for freezing or canning.

Get 10% more with
**COMMUNITY
 SUPPORTED
 SEEDS**

Your participation helps to support an independently-owned, organic seed company and takes your seed budget even further

HOW IT WORKS:

Purchase Community Supported Seeds (CSS) credits online at highmowingseeds.com/save or call (866) 735-4454 by December 21st, 2020 (minimum CSS credit order of \$200)

Earn an extra 10% with your credit (for example, a \$100 credit costs only \$90)

Redeem your credit for seeds anytime after January 15th, 2021

POLE

2156 **Northeast** 56 days

OP • Very early • 7-8" flattened pods

Romano bean with buttery flavor and hearty texture. Northeast is consistently one of the earliest pole beans in our trials and is well-suited to short seasons. Flattened, pale green pods on tall, vigorous vines. Quick to harvest, as beans are easy to distinguish from the foliage. Re-discovered by Rob Johnston of Johnny's Selected Seeds. White seeds.

2154 **Seychelles** 60 days

OP • IR: **AN, BCMV** • AAS winner • Stringless • 5-6" pods

A prolific producer of perfect-quality, stringless pods with an archipelago of tender, small seeds inside each. Seychelles is an All-America Selections winner with plenty to offer pole bean-lovers: vigorous plants produce dark green, round pods that drop in clusters of six on a loose hanging truss for an easy and continuous harvest. Great flavor and all-around high performance won our hearts. Vines will reach 5' tall and require initial training to climb a trellis. From our partners at Pure Line Seeds. White seeds.

2235 **Blue Coco** 65 days

HEIRLOOM • Tolerant of heat, cold and drought • 6-7" pods

Vigorous, high-yielding dark purple snap beans. Beautiful plants with violet flowers and dark green leaves with contrasting purple undersides and stems. Plants are well adapted and produce an abundance of sweet, tender beans in a variety of conditions. French heirloom dating back to the 18th century. Brown seeds. *Unavailable in 2021*

2161 **Rattlesnake** 65 days fresh, 105 dry

HEIRLOOM • 10' tall vines • 8" long pods

Exceptional heirloom flavor fresh, shelled or dry. Picked fresh, beans are flattened and dark green with unusual purple streaks that fade when cooked. Shelled beans are beige, with rattlesnake streaks when fully dry. Signature addition for roadside stands and farmers markets. Streaked seeds.

2160 **Kentucky Wonder** 65 days fresh, 115 dry

HEIRLOOM • Snap or dry bean • 7-9" pods

Unbeatable productivity, consistency and flavor. Introduced in Kentucky just prior to the Civil War, this classic variety has proven its excellence over many generations. Pods are stringless, solid and meaty with great flavor. Use fresh for snap beans or dry on vines for an excellent soup bean. Brown seeds.

DRY

2060 **Light Red Kidney** 85 days

OP • Widely adapted • Bush habit

Exceptional culinary quality with silky texture and thin skin. Mild flavor and drier texture excellent for chili, bean salads, baked and in soups. Medium-sized plants are sturdy and widely adapted, producing well even in cool, wet climates like the Northeast.

2030 **Calypso** 90 days

HEIRLOOM • Bush habit

Widely adapted, delicious bean for baking and soups. Dependable and early yields of 4-5 beans per pod on sturdy plants. Also known as Orca or Yin Yang for its distinctive black and white pattern that is retained in cooking. Mild flavor and creamy, rich texture. Beans double in size when cooked.

2020 **Eclipse** 90 days

OP • PVP • HR: **BCMV** / IR: **AN, R** • White mold tolerant • High yielding • Bush habit

Eclipses other black beans! An earlier and higher yielding version of the Black Turtle bean we all love. Eclipse has impressed nearly everyone by having all the flavor and color of the traditional Black Turtle but returning many more pounds of beans and maturing nearly a week earlier. Eclipse also resists rust, anthracnose, BCMV and shows tolerance to white mold. Upright plants are highly uniform, don't lodge and do a synchronous dry down. Released in 2004 by the North Dakota Agricultural Experiment Station. A portion of the sales of this variety is paid to the breeder.

2050 **Jacob's Cattle** 90 days

HEIRLOOM • Excellent cooking bean • Bush habit

Incredible red and white speckled heirloom. Full-flavored bean that holds its shape under long cooking and possesses a rich aroma. Legend has it that it was a gift from Maine's Passamaquoddy Native Americans to Joseph Clark, the first non-native born in Lubec, Maine.

2040 **Silver Cloud Cannellini** 95 days

OP • HR: **CTV** / IR: **BCMV** • Bush habit • Rust tolerant

Improved white bean with excellent culinary qualities. Shelling and cooking beans prized for their smooth, meaty texture and dense, nutty flavor. Ideal for minestrone; also known as fagioli or white kidney. Bred by Washington State University for higher yields, greater disease resistance and more upright habit than the famous heirloom.

2035 **Quincy Pinto** 106 days

OP • HR: **BCMV, BCMV** / IR: **CTV** • Upright bush habit

Very high yielding pinto ideal for slow-cooking and canning. Large, medium- to late-maturing beans with delicious, creamy flavor. The first pinto variety with genetic resistance to BCMV and CTV, bred in collaboration with Washington State University. Susceptible to Rust.



Northeast



Seychelles



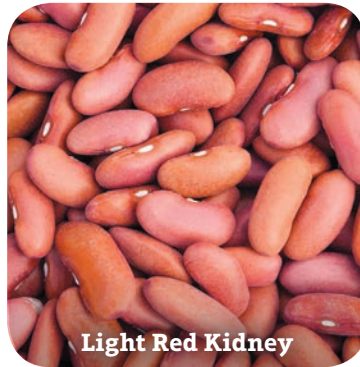
Blue Coco



Rattlesnake



Kentucky Wonder



Light Red Kidney



Calypso



Eclipse



Jacob's Cattle



Silver Cloud Cannellini



Quincy Pinto



Chiba Green



Midori Giant



Windsor Fava

GARDEN COMBO INOCULANT FOR BEANS

94535 Guard-N (Treats 8 lbs)	\$13.00
94536 Guard-N (Treats 50 lbs)	\$15.00

SOYBEANS - *Glycine max*

CULTURAL INFO: Edamame soybeans are usually eaten as a fresh bean. Direct seed in well-drained soil that is 60-85°F. Do not plant in colder soil. Inoculant may be used to increase yields. Succession plant every 1-2 weeks for a continuous harvest. Harvest when beans are plump in pods and leaves begin to change from bright green to a slight yellow-green. Handpick only bright green pods with at least two beans per pod, or harvest whole plants and bunch for market. Pods can be refrigerated for up to a week or blanched and frozen for storage. Steam for 5 minutes to release beans.

GMO POLICY: Through a combination of controlled stock seed production, field isolation and inspection, and policies for harvesting and handling, we focus on prevention of GMO contamination in all our seeds. All soybean seed lots are also tested to confirm zero detectable level in 10,000 seeds. No contaminated seed lots will ever be sold.

SEED SPECS: 68-110 (90 avg) seeds/oz, 1.1-1.8M (1.4M avg) seeds/lb. M=1,000. 1 oz approx. 90 seeds. Direct seeding rate: 6 seeds/ft in rows 12-30" apart.

2253 Chiba Green 75-80 days

OP • Early • Compact habit

Early edamame with delicious, very large green seeds. Consistently 5-7 days earlier than Midori Giant, yet still blew away the competition for flavor. Compact, upright plants make harvesting easy and produce predominantly 3-seeded pods with attractive deep green color. Widely adapted throughout North America. Great for small gardens.

2241 Midori Giant 80-95 days

OP • Reliable producer • Highly vigorous plants

Early-maturing, high-yielding variety with large, buttery seeds. Rich, flavorful beans; one of the most popular soybeans for edamame. Consistently yields over 90% two and three-seeded pods with a clear pubescence. Well-branched, tall and sturdy plants. Widely adapted throughout the U.S. and Canada. A sure winner for both commercial production and home gardeners.

SPECIALTY

2023 Windsor Fava 75 days

HEIRLOOM • Tall 4' plants • Cold tolerant

Hardy plant with large, nutty beans. English variety dating back to 1863 with delicious flavor when eaten as a shell bean. Plants produce 5-6" pods each holding 3-5 large, plump beans. Great for freezing or drying. Plants require cool conditions and are not heat tolerant. Hardy to 12°F. Buff colored seeds. *Vicia faba*

BEANS - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	20 lb*	40 lb*
2205 Antigua Bush	\$ 2.95	\$ 6.95	\$ 12.00	\$ 7.90/lb	\$ 7.04/lb	\$ 6.60/lb
2235 Blue Coco Pole - <i>Unavailable in 2021</i>	\$ 2.95	\$ 11.00	\$ 16.00	\$ 13.00/lb	\$ 10.00/lb	\$ 8.50/lb
2030 Calypso Dry	\$ 2.95	\$ 10.05	\$ 13.00	\$ 9.40/lb	\$ 7.96/lb	\$ 6.64/lb
2253 Chiba Green Soybean	\$ 5.05	\$ 14.80	\$ 21.00	\$ 18.20/lb	\$ 16.00/lb	\$ 13.00/lb
2234 Dragon Langerie Bush	\$ 2.95	\$ 9.15	\$ 12.20	\$ 10.40/lb	\$ 10.00/lb	\$ 6.88/lb
2020 Eclipse Dry	\$ 2.95	\$ 9.50	\$ 12.00	\$ 9.20/lb	\$ 7.55/lb	\$ 6.36/lb
2232 Gold Rush Yellow Wax Bush	\$ 2.95	\$ 7.30	\$ 11.55	\$ 7.80/lb	\$ 6.80/lb	\$ 6.63/lb
2050 Jacob's Cattle Dry	\$ 2.95	\$ 7.50	\$ 11.00	\$ 9.20/lb	\$ 9.20/lb	\$ 7.20/lb
2022 Jade Bush - <i>Unavailable in 2021</i>	\$ 2.95	\$ 7.70	\$ 11.55	\$ 10.00/lb	\$ 8.80/lb	\$ 7.20/lb
2160 Kentucky Wonder Pole	\$ 3.50	\$ 14.00	\$ 22.00	\$ 19.00/lb	\$ 15.00/lb	\$ 13.00/lb
2060 Light Red Kidney Dry	\$ 2.95	\$ 6.75	\$ 9.45	\$ 8.27/lb	\$ 7.36/lb	\$ 6.84/lb
new 2024 Magnum Bush	\$ 2.95	\$ 7.70	\$ 11.55	\$ 9.60/lb	\$ 8.80/lb	\$ 7.20/lb
2150 Mardi Gras Blend	\$ 2.95	\$ 8.95	\$ 14.30	\$ 11.83/lb	\$ 9.76/lb	\$ 8.06/lb
2200 Maxibel Haricot Vert Bush	\$ 2.95	\$ 7.90	\$ 11.90	\$ 10.80/lb	\$ 8.96/lb	\$ 7.50/lb
2241 Midori Giant Soybean	\$ 5.25	\$ 15.25	\$ 24.00	\$ 19.40/lb	\$ 16.60/lb	\$ 14.80/lb
2156 Northeast Pole	\$ 2.95	\$ 18.00	\$ 28.00	\$ 23.00/lb	\$ 16.60/lb	\$ 15.00/lb
2210 Provider Bush	\$ 2.95	\$ 7.25	\$ 9.00	\$ 8.00/lb	\$ 7.50/lb	\$ 6.13/lb
2035 Quincy Pinto Dry	\$ 2.95	\$ 7.25	\$ 10.50	\$ 8.67/lb	\$ 7.65/lb	\$ 6.50/lb
2161 Rattlesnake Pole	\$ 3.50	\$ 12.00	\$ 20.00	\$ 16.00/lb	\$ 14.00/lb	\$ 11.90/lb
2157 Roma II Bush	\$ 2.95	\$ 8.00	\$ 12.00	\$ 8.80/lb	\$ 5.50/lb	\$ 6.13/lb
2230 Royal Burgundy Bush	\$ 2.95	\$ 7.40	\$ 10.75	\$ 9.00/lb	\$ 7.60/lb	\$ 6.30/lb
2154 Seychelles Pole	\$ 5.05	\$ 13.95	\$ 23.50	\$ 16.80/lb	\$ 14.40/lb	\$ 12.50/lb
2040 Silver Cloud Cannellini Dry	\$ 2.95	\$ 8.50	\$ 13.50	\$ 11.60/lb	\$ 9.60/lb	\$ 7.90/lb
2255 Strike Bush	\$ 2.95	\$ 7.40	\$ 10.75	\$ 9.00/lb	\$ 8.40/lb	\$ 7.55/lb
2258 Tavera Haricot Vert Bush	\$ 2.95	\$ 13.00	\$ 18.00	\$ 14.00/lb	\$ 11.00/lb	\$ 10.20/lb
2023 Windsor Fava	\$ 3.60	\$ 12.25	\$ 18.35	\$ 16.32/lb	\$ 13.40/lb	\$ 11.20/lb

BEANS - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	500	1 M	5 M	25 M	100 M**
new 2021 Celine Bush	\$ 4.50	\$ 8.00	\$ 12.00	\$ 9.00/M	\$ 7.80/M	\$ 6.95/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For 100M, add \$12.

Beets

Beta vulgaris

Taylor with a fresh harvest of Badger Flame beets in the trials field.

CULTURAL INFO: Days to maturity are from direct seeding. Hardy biennial that can tolerate light frosts and freezes. Beets can be grown for greens or roots. Direct seed as soon as soil can be worked and up to 6-8 weeks before first frost date. Requires moderate fertility and moderate drainage. Each seed produces more than one plant, and thinning results in a more uniform root size and fewer undersized roots. Optimal germination temperature is 55-75°F. For continuous harvest, plant every 2-3 weeks. Optimal storage conditions for roots are 32°F and 95% relative humidity for up to 6 months.

DISEASE & PESTS: Damping off and root rot are caused by a number of individual fungi and can best be avoided by maintaining well-drained soils. Leaf spots are prevalent

during periods of frequent rainfall and high humidity. Scab or Rhizoctonia can commonly occur on the outer skin of the root. Prevention includes removal of plant debris, crop rotation and increased airflow.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **CE-Cercospora Leaf Spot**, **RZ-Rhizoctonia**

SEED SPECS: 1.5-2.5M (2M avg) seeds/oz, 25-40M (32.5M avg) seeds/lb. M=1,000. 1/16 oz approx. 125 seeds. Direct seeding rate: Baby leaf, 40 seeds/foot in rows 12-18" apart. Roots, 15 seeds/foot in rows 18-24" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

DARK RED GLOBE

2290 Early Wonder Tall Top 45 days full size leaf, 60 beets

OP • Early greens • Excellent baby beet • 2-3" roots

A sure crop for early spring greens and roots. Quick-growing tops perfect for early beet greens; roots size up quickly for bunched baby beets. Also a good full size beet with vibrant tops. Similar quality to Detroit Dark Red for early season crops. See baby leaf photo on p. 35.

2267 Subeto F1 45 days

HYBRID • Early and uniform • Strong tops • 3" roots

A very early, round dark red beet for commercial production. Vigorous plants mature early and size up well even if spaced closer together. Strong tops are suitable for mechanical harvest. Smooth roots are full and uniform, making them very easy to process. From our partners at Bejo Seeds. Precision sized.

2265 Boro F1 50 days

HYBRID • IR: **CE** • Stores well • Baby or full size • 2-6" roots

One of the sweetest beets we've tasted. Superb flavor and the ability to stay tender support a wide range of uses. Juicy roots can be harvested baby and beyond 3" with good quality up to 6". Tops regenerate quickly for clean, healthy leaves all season. Deep red color with minimal zoning. From our partners at Bejo Seeds. Precision sized.

2280 Detroit Dark Red 55 days

HEIRLOOM • Quality tops • Uniform 3" roots

Top-notch heirloom variety, well known for high-quality roots. Tops are strong. A standard type for the home garden or direct market sales. Uniform, 3" round roots store well and are excellent for eating fresh or canning. First developed by a Mr. Reeves of Port Hope, Ontario, Canada and further selected for improvements by D.M. Ferry & Co., who officially released it in 1892 as Detroit Dark Red.

2285 Red Ace F1 60 days

HYBRID • IR: **CE** • Stores well • Suitable for mechanical harvest • 3" roots

Tried-and-true variety with great uniformity and healthy tops. Red Ace F1 excels for both fresh market and industry growers due to its wide adaptability and high yield potential of uniformly sized and shaped beets. Good disease tolerance and fast regrowth result in upright, glossy, bright green tops. From our partners at Sakata Seeds. Precision sized. Available as raw or pelleted seed. *Unavailable in 2021*

2262 Shiraz 60 days

OP • IR: **RZ** • Tall tops • Excellent for processing • 3-4" roots

Unparalleled aesthetics and taste with impressive resistances make Shiraz a reliable choice. A strong parent line of three different heirlooms gives Shiraz genes that can't be beat: tall, succulent tops for high-quality greens and easy bunching. Rhizoctonia resistance and exceptionally smooth, round roots. Bred by Steve Peters in collaboration with crop scientists from the Organic Seed Alliance.



Early Wonder Tall Top



Subeto F1



Boro F1



Detroit Dark Red



Red Ace F1



Shiraz



Rhonda F1



Bull's Blood



Badger Flame



Formanova



Touchstone Gold



Cylindra



Guardsmark Chioggia

2289 Rhonda F1 65-70 days

HYBRID • Very long storage • Uniform size and shape • 3-4" roots

Excellent storage beet with sweet flavor. Very similar to Boro F1, sharing its sweet flavor and smooth texture, even after months of storage. Tuck Rhonda F1 away all winter and beets will still be hard and sound come spring. Round, deep red roots and nice, strong tops. Two weeks later than Boro F1 for staggered harvest from a single planting. From our partners at Bejo Seeds. Precision sized.

SPECIALTY

2260 Bull's Blood 35 days baby leaf, 60 beets

HEIRLOOM • Deep purple leaf for salad mix • Baby beet • 2-3" roots

Striking dark red-purple leaves provide incredible contrast in salad mixes. Eliot Coleman's choice for a red leaf in winter salad mixes. Roots are also tasty and tender when harvested early as baby beets. Tolerant of heat and cold. Color intensifies as plants mature. Selected by Dutch breeder Kees Sahin in 1986 from the French variety Crapaudine. See baby leaf photo on p. 35.

2272 Formanova 54 days

HEIRLOOM • Great for processing • Specialty appeal • 1-2" wide and 5-6" long roots
Large, cylindrical roots that slice into uniform pieces ideal for cooking or canning. Roots are long and extend well above the soil for easy harvest. Great market appeal from unusual shape. Productive storage variety with deep red flesh and healthy, harvest-ready tops. From our partners at Sativa Organic Seeds.

2271 Badger Flame 55 days

OP • Easy to process • Delicious raw or cooked • 1.5" wide and 4" long roots

A unique, oblong golden beet cultivar developed with flavor-first chefs and consumers in mind. This fascinating cultivar was developed to have a low amount of geosmin, the compound that gives beets their earthy flavor. This makes for a perfectly mild and sweet golden beet that is delightful when eaten raw. After 9 years of pursuing this variety, we are finally able to share it. This one-of-a-kind variety comes to us from renowned plant breeder Irwin Goldman of the University of Wisconsin. A portion of the sales of this variety is paid to the breeder.

2288 Touchstone Gold 55 days

OP • Improved germination • Uniform shape • 3" roots

Improved gold beet with mild flavor and vibrant color retained in cooking. From Alf Christianson Seed Company, the breeders of Red Ace F1 and Guardsmark Chioggia, this is an improved golden beet with better germination and uniformity than standard golden types and less zoning. Attractive, solid green tops quickly shade out weeds. Germinates best in warmer soil. From our partners at Sakata Seeds. Available as raw or pelleted seed. Precision sized.

2273 Cylindra 56 days

HEIRLOOM • Great for processing • Specialty appeal • 1-2" wide and 5-6" long roots

Unique 6" long cylindrical beet with fine texture and sweet flavor. A favorite with chefs due to uniform slices and ease of peeling. Popular at markets thanks to its unusual shape. Great for pickling.

2269 Guardsmark Chioggia 60 days

OP • Uniform • Bolt tolerant • 3" roots

Unique and beautiful candy-striped beet. Alternating rings of dark red and white make this a popular choice for specialty markets. This strain of the popular Italian heirloom was improved by Alf Christianson Seed Company for better uniformity and bolt tolerance. Precision sized.

BEET SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1 oz	1/4 lb	1 lb	5 lb	20 lb*	40 lb*
2271 Badger Flame	\$ 2.95	\$ 19.50	\$ 52.00	\$ 145.00	\$ 112.40/lb	\$ 104.40/lb	\$ 90.00/lb
2273 Cylindra	\$ 2.95	\$ 7.40	\$ 16.30	\$ 40.75	\$ 38.80/lb	\$ 36.08/lb	\$ 33.16/lb
2280 Detroit Dark Red	\$ 2.95	\$ 5.00	\$ 10.50	\$ 27.00	\$ 25.00/lb	\$ 23.40/lb	\$ 22.10/lb
2290 Early Wonder Tall Top	\$ 2.95	\$ 5.00	\$ 9.80	\$ 26.00	\$ 23.00/lb	\$ 19.25/lb	\$ 19.00/lb
2272 Formanova	\$ 2.95	\$ 9.00	\$ 21.00	\$ 65.00	\$ 60.00/lb	\$ 54.00/lb	\$ 51.00/lb
2262 Shiraz	\$ 2.95	\$ 19.15	\$ 50.25	\$ 140.00	\$ 110.00/lb	\$ 104.00/lb	\$ 88.00/lb

BEET SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	100 M	500 M
2260 Bull's Blood	\$ 2.95	\$ 7.35	\$ 3.40/M	\$ 2.60/M	\$ 2.50/M	\$ 2.12/M
2269 Guardsmark Chioggia	\$ 3.95	\$ 7.50	\$ 4.40/M	\$ 3.40/M	\$ 3.00/M	\$ 2.60/M
2288 Touchstone Gold	\$ 2.95	\$ 7.65	\$ 6.12/M	\$ 5.72/M	\$ 5.35/M	\$ 5.01/M
new 2288P Touchstone Gold - Pelleted	\$ 3.50	\$ 10.00	\$ 8.00/M	\$ 6.00/M	\$ 5.50/M	\$ 5.20/M**

BEET SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	100 M	500 M
2265 Boro F1	\$ 2.95	\$ 7.10	\$ 3.32/M	\$ 2.72/M	\$ 2.59/M	\$ 2.45/M
2285 Red Ace F1 - Unavailable in 2021	\$ 2.95	\$ 7.50	\$ 3.80/M	\$ 3.20/M	\$ 2.75/M	\$ 2.30/M
2285P Red Ace F1 - Pelleted - Unavailable in 2021	\$ 4.25	\$ 8.00	\$ 4.20/M	\$ 3.40/M	\$ 3.05/M	\$ 2.76/M**
2289 Rhonda F1	\$ 2.95	\$ 6.75	\$ 3.30/M	\$ 2.68/M	\$ 2.50/M	\$ 2.30/M
2267 Subeto F1	\$ 2.95	\$ 7.10	\$ 3.32/M	\$ 2.72/M	\$ 2.59/M	\$ 2.45/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For 500 M Touchstone Gold and Red Ace F1 pelleted seed, add \$12.

Broccoli

Brassica spp.

Sara of Sandiwood Farm checking on her maturing broccoli crop in Wolcott, VT.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Broccoli is a cool-season biennial grown for spring and fall crops and prefers well-drained, fertile soils high in organic matter. Will tolerate slightly alkaline soil, performing best between 6.0-7.5. Ideal daytime temperatures for optimal growth are 60-75°F. Start seedlings indoors 4-6 weeks before planting date. Plant outside as soon as chance of hard frost has passed. Some broccoli varieties produce one large head followed by the growth of side shoots, while others produce many smaller spears. Broccoli heads should be harvested while buds are still tight; check every 2-3 days to prevent compromised quality caused by loosened heads. After the main head is harvested, regular harvesting of side shoots encourages further production. Cool broccoli immediately after harvest to retain quality. Store at 32°F for 10-14 days.

DISEASE & PESTS: Prevent diseases and recurrent pest pressure with crop rotation and cover cropping. Fungal and bacterial diseases like fusarium yellows, blackleg and black rot are best prevented by starting with disease-free seed and utilizing production practices that build soil and promote vigorous plant growth. Broad spectrum applications like copper hydroxide

can also be used to prevent fungal diseases. Always check with your certifier before applying control measures. Head rot can develop quickly under conditions of high moisture and high temperature and is prevented by enhancing air movement to promote drying. Pests of the Lepidoptera order such as cabbage looper, imported cabbage worm, and diamondback moth can be controlled by *Bacillus thuringiensis* (Bt) and/or spinosad, preferably in rotation with one another to prevent selection of resistant individuals. Root maggots can be controlled by applying beneficial nematodes. Protect plants from flea beetles by using floating row cover in the early season.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **BR-Black Rot**, **FY-Fusarium Yellows**, **WR-White Rust**

SEED SPECS: 5.6-9.4M (7.5M avg) seeds/oz, 90-150M (120M avg) seeds/lb. M=1,000. 1/32 oz approx. **225 seeds.** Direct seeding rate: 3 seeds every 12", thin to 1 plant in rows 18-30" apart. Transplants: 12" apart in rows 18" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

HEADING BROCCOLI - *B. oleracea* var. *italica*

2300 **De Cicco** 48 days

HEIRLOOM • Abundant side shoots • 3-4" heads

Italian variety known for tender stalks and mild flavor. Reliable multi-cut variety that produces a compact, 3-4" bluish-green central head followed by a prolific set of side shoots. Variable maturity results in a long harvest period for both central heads and side shoots. Excellent home garden variety.

2301 **Batavia F1** 60 days

HYBRID • HR: **FY** / IR: **WR** • Uniform • Short harvest window • 5-6" heads

Our earliest hybrid with dark green color and well-branched domes. Well adapted and vigorous with the added benefits of earliness and cold hardiness. Not as heat tolerant and has larger heads than Belstar F1; prefers cool conditions. Short harvest window of uniform main domes for stem or crown cuts. From our partners at Bejo Seeds.

2302 **Belstar F1** 65 days

HYBRID • HR: **FY** / IR: **BR, WR** • Compact habit • Heat tolerant • 6-8" heads

A versatile broccoli with excellent heat and cold tolerance and uniform, rounded heads. Great choice for spring, summer and fall plantings with excellent vigor. Plants are compact and produce small to medium-sized heads within a 10-14-day harvest window. Domes span 6-8" and average 1.5 lbs. Plants have been known to survive 20-degree temperatures with proper frost protection and care. From our partners at Bejo Seeds.

2303 **Covina F1** 68-70 days

HYBRID • HR: **FY** / IR: **WR** • Extremely stress tolerant • 6-8" heads

Vigorous plants withstand a wide range of environmental stresses to reliably produce uniform, tight domes. We were blown away by Covina F1's performance in our field trials two years in a row when we had an unusually cold, wet year followed by an extremely hot, dry year. Both wildly different but equally stressful conditions didn't bother this workhorse broccoli. The upright, large framed plants produced big, tightly beaded heads for consistent harvests. Good for both spring and fall production. From our partners at Bejo Seeds.

2305 **Fiesta F1** 75 days

HYBRID • HR: **FY** / IR: **BR** • Uniform • Short harvest window • 6-7" heads

Impressive late-season variety for fall harvests. Uniform maturity and stand of well-domed heads. Medium heads slightly larger than Belstar F1. Ideal for dense plantings of single cuts with a harvest span of less than one week. Well adapted; performs best in warm days and cool nights. From Bejo Seeds.



De Cicco



Batavia F1



Belstar F1



Fiesta F1



Covina F1



Waltham 29



Hon Tsai Tai Flowering

Spring Raab
Broccoli RaabSantee F1 Sprouting
Broccoli**2315 Waltham 29** 80-85 days

OP • Fall crop • Many side shoots • 5-6" heads

Best variety for bunched side shoots. Sturdy 20" plants support 5-6" loose heads of dark blue-green heads with medium to large beads and long stalks (hard to find with modern hybrids). Developed to withstand increasing cold for fall maturity. Heat sensitive.

SPROUTING BROCCOLI

CULTURAL INFO: Sprouting broccoli has many small shoots rather than a single head. Can be planted in spring or summer for a quick harvest or late fall for overwintering. Fall planting (under protection in colder climates) with a late winter harvest results in impressive yields just when demand for fresh greens is high. Shoots are mild, much sweeter and more tender than broccoli.

2495 Hon Tsai Tai Flowering Broccoli 37 days

OP • Fall crop • Gourmet selection

Dark green leaves, purple stems and sweet, petite florets. Similar to broccoli raab with a sweeter flavor and delicate texture. Young flowering shoots are delicious in fresh salads, stir-fries and pasta dishes. Best for fall harvest; shorter days cause stems to elongate. Harvest just before bright yellow blossoms open. *Brassica rapa*

1960 Spring Raab Broccoli Raab 45 days

OP • Italian specialty • Large 30" tall plants

Italian specialty with mild mustard flavor and broccoli-like florets. Delicious traditionally cooked in olive oil with garlic and pepper flakes. Easy to grow and loaded with folic acid and vitamins. Plant early spring to midsummer or overwinter in mild climates. *Brassica rapa* var. *ruvo*

2311 Santee F1 Sprouting Broccoli 75-115 days

HYBRID • Specialty crop • Excellent for overwintering

Mini purple heads on leafy stalks; also known as broccolini. Abundant, tender, burgundy spears and mini broccoli heads are flavorful and packed with nutrients. Unlike most sprouting broccolis, Santee F1 doesn't require cold treatment to initiate bud development. Can be overwintered in mild climates. From Bejo Seeds. *Brassica oleracea* var. *italica*

BROCCOLI SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2300 De Cicco	\$ 2.95	\$ 3.90	\$ 6.00	\$ 13.25	\$ 32.00	\$ 49.00	\$ 43.00/lb	
2495 Hon Tsai Tai Flowering Broccoli	\$ 2.95	\$ 5.00	\$ 8.00	\$ 15.00	\$ 42.00	\$ 72.00	\$ 68.00/lb	\$ 65.00/lb
1960 Spring Raab Broccoli Raab	\$ 2.95	\$ 4.00	\$ 6.50	\$ 16.00	\$ 42.00	\$ 60.00		
2315 Waltham 29	\$ 2.95	\$ 3.15	\$ 3.95	\$ 8.00	\$ 19.00	\$ 28.00	\$ 23.00/lb	

BROCCOLI SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2301 Batavia F1	\$ 2.95	\$ 15.50	\$ 24.50	\$ 21.40/M	\$ 19.07/M	\$ 16.75/M
2302 Belstar F1	\$ 2.95	\$ 12.00	\$ 22.00	\$ 20.00/M	\$ 17.92/M	\$ 15.75/M
2303 Covina F1	\$ 2.95	\$ 12.00	\$ 22.00	\$ 20.00/M	\$ 17.92/M	\$ 15.75/M
2305 Fiesta F1	\$ 2.95	\$ 11.90	\$ 20.00	\$ 17.00/M	\$ 15.80/M	\$ 12.75/M
2311 Santee F1 Sprouting Broccoli	\$ 4.95	\$ 54.90	\$ 82.00	\$ 77.00/M	\$ 74.20/M	\$ 65.50/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Stories of RESILIENCE



Jay Hill is a mental health advocate and grower who works on local farms in North Carolina, grows herbs and food for her own pantry and answered the call to join in the imperative work of food justice when she was still in college. At a certain point in Jay's journey through her studies, it became clear that her mental health was edging into a downward spiral. Jay took refuge in growing food, placing her hands in the earth and developing a deep connection to the rooted-ness of plants, seasons and natural rhythms. She found healing there and felt called to share that space with others.

“My work starts with my healing and deepening my knowledge of how my actions impact the Earth. The way I consume, the way I talk to myself, how I dispose of waste and how I form connections. I heal myself; I heal my ancestors; I heal the next generation.”

Brussels Sprouts

Brassica oleracea var. gemmifera

Zach displays a stalk of Brussels sprouts before evaluating for size, quality and yield.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Brussels sprouts are a cool-season biennial that prefer temps of 45-75°F with optimal growth at 60-65°F. Direct seed as soon as ground can be worked in spring, or start transplants indoors 4-6 weeks before setting out. Can tolerate frost once hardened off. Fertilize well at planting and side dress again about three weeks later. Snap tops off plants in late summer to encourage sprout production. Sprouts become sweeter after a few light frosts in fall.

DISEASE & PESTS: Disease and pests are best prevented by production practices that build soil and promote vigorous plant growth. Black rot (*Xanthomonas campestris* pv. *campestris*) first appears as V-shaped, yellow lesions at leaf margin. Pull up infected plants immediately. Plantings should never be worked during wet conditions. Fusarium yellows (*Fusarium oxysporum* f. sp. *conglutinans*) manifests as yellowing of the lower leaves then moves to upper leaves and causes wilt. Fungal diseases can be prevented by spraying with copper hydroxide; check with your certifier before applying. Clubroot is a soil borne disease

which stunts the roots of the plants. Rotate crops and add lime to raise soil pH to 7.2. Cabbage looper, imported cabbage worm and diamondback moth are of the Lepidoptera order and can be controlled by *Bacillus thuringiensis* (Bt) and/or spinosad, preferably in rotation with one another to prevent selection of resistant individuals. Protect plants from flea beetles by using floating row cover in the early season. Control root maggots with beneficial nematodes or by covering with row cover early in the season.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **BR-Black Rot**, **FY-Fusarium Yellows**

SEED SPECS: 6.8-11.3M (9.3M avg) seeds/oz, 110-180M (150M avg) seeds/lb. M=1,000. Direct seeding rate: 2 seeds every 18", thin to 1 plant in rows 18-30" apart. Transplants: 18" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

2314 Dagan F1 100 days

HYBRID • Early • Suited for sales on the stalk

Early, reliable variety for main-season sales both on and off the stalk. Has tall, straight stalks that resist lodging and work well for on-the-stalk sales. Doesn't require topping. Nicely-wrapped, tight sprouts with a bright, medium green color and a small attachment site. Another great variety from our partners at Bejo Seeds.

2317 Nautic F1 120 days

HYBRID • HR: **FY** / IR: **BR** • Easy to harvest

Disease-resistant variety for a reliable crop of tightly-wrapped sprouts. Nautic F1's sprouts are spaced farther apart, allowing plants to dry out quickly to avoid spread of disease and making it easier to harvest individual sprouts. Vigorous and sturdy plants with 1" sprouts.



Dagan F1



Nautic F1

BRUSSELS SPROUTS SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2314 Dagan F1	\$ 4.75	\$ 35.00	\$ 62.00	\$ 58.00/M	\$ 52.60/M
2317 Nautic F1	\$ 4.50	\$ 33.00	\$ 58.00	\$ 55.00/M	\$ 48.00/M

Larger volumes available; please call for pricing.

Stories of RESILIENCE



Livin' the Dream Farm is an organic farm located in Shirley, British Columbia on Vancouver Island, Canada. The farm is run by three generations, all branching from the same Greenwood family tree. The entire family lives and works on the farm, providing produce to their local community. Leaving behind comfort and stability, the family embarked on an incredible and difficult journey; exploring how they could contribute to our ailing world and what it meant to choose to take on that task, together.

While the 2020 season presented many challenges to the Greenwood family and their farm operation, they were struck by how much their local community was willing to adapt with them.

“When we see the joy and passion our customers have for fresh, nutrient-dense, natural foods, it's their loyalty and excitement that gives us hope as food producers.”

Cabbage

Brassica spp.

Taylor, Maggie, Laura, baby Walter, Jenn and Sarah checking progress in the trials' cabbage patch.

CULTURAL INFO: Days to maturity are from spring transplanting; if transplanting in warm weather subtract 10-14 days; direct seeding add 14 days. Cabbage is a hardy biennial closely related to broccoli and kale. The trick to growing cabbage is steady, uninterrupted growth with good fertilization and ample water. Cabbage does best in cool, temperate climates but can be grown anywhere with the right varieties and good care. In most areas, you can plant an early crop for fresh eating and a late crop primarily for winter storage. Direct sow when daytime soil temperatures warm to 65-75°F or start seeds indoors or in cold frames 4-5 weeks before planting date. Optimal soil temperature for germination is 75°F, but seeds will germinate in soils as cool as 50°F. Seedlings can tolerate light frost after they've hardened off. Plant into well-drained soil with plenty of organic matter. Cabbage prefers a pH of 6.5-6.8 for optimum growth. Keep seedlings well watered. Cabbage is a heavy feeder; fertilize well at planting and side dress again three weeks later. Cabbage is mature when the tight outer leaf of the head begins to fold back on itself. Light fall frosts make heads sweeter and improve flavor. Cabbage is best stored at 32°F and at 95% relative humidity. Fresh market varieties store for 2-3 weeks while storage and processing types store for 2-6 months or longer.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Fungal and bacterial diseases like fusarium yellows, blackleg and black rot

are best prevented by production practices that build soil and promote vigorous plant growth. Broad spectrum applications like copper hydroxide can also be used to prevent fungal diseases. Always check with your certifier before applying organic control measures. Prevent the soil borne disease clubroot by rotating crops and adding lime to raise soil pH. Pests of the Lepidoptera order such as cabbage looper, imported cabbage worm and diamondback moth can be controlled by *Bacillus thuringiensis* (Bt) and/or spinosad, preferably in rotation with one another to prevent selection of resistant individuals. Protect plants from flea beetles by using floating row cover in the early season.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **BR-Black Rot**, **CR-Clubroot**, **FY-Fusarium Yellows**, **T-Thrips**, **TB-Tip Burn**

SEED SPECS: 4.8-9.5M (7.3M avg) seeds/oz, 78-156M (117M avg) seeds/lb. M=1,000. **1/32 oz approx. 225 seeds.** Direct seeding rate: 2 seeds every 12", thin to 1 plant in rows 18-30" apart. Transplants: 12-18" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

GREEN - *B. oleracea* var. *capitata*



Golden Acre



Farao F1



Caraflex F1



Capture F1

2298 Golden Acre 62 days

OP • Early fresh market • Compact habit • 3-4 lb heads

Super early, adorable green heads on compact plants; perfect for smaller households. This cute OP impressed us in our trials with its small stature and high percentage of marketable heads. Round and solid with delicate but crunchy texture. Sweet, spicy flavor with buttery undertones when cooked. Few outer wrapper leaves; short harvest window. Habit suitable for dense plantings.

2366 Farao F1 63 days

HYBRID • IR: **TB** • Early fresh market • 3-4 lb heads

Delicious, early heads are sweet and tender. Leaves are thin and juicy with a slight peppery bite, perfect for stir-fries and egg rolls. Small, uniform heads with attractive rosebud wrappers are great for smaller households and pack nicely in boxes. Round heads with a short core hold well in summer heat; habit suitable for dense plantings.

2349 Caraflex F1 68 days

HYBRID • Fresh market • 1.5-2 lb heads

Green sweetheart for fresh and gourmet markets. Prized for its unusual cone-shaped heads and thin, sweet leaves that are delicious eaten raw or in stir-fries, slaws or egg rolls. Extremely uniform with good wrapper leaves for insect and sun protection. Sara Schlosser of Sandiwood Farm loves how perfectly Caraflex F1 packs a box.

2362 Murdoc F1 80 days

HYBRID • Excellent processing type • Stores well • 4-7 lb heads

Unique-hefty heads perfect for fresh eating, sauerkraut or processing. Caraflex F1's big brother with the same tender, crisp juicy leaves and unusual cone shape, but supersized. Grows up to 10" in diameter at the base; excellent storage qualities. Distinctly silky texture excellent for sauerkraut. One of our favorite varieties from Bejo Seeds. *Unavailable in 2021*

2357 Capture F1 85 days

HYBRID • IR: **BR, FY, T** • Main season fresh market & processing • 4-6 lb heads

Black rot-resistant fresh market cabbage for organic growers. Full size green cabbage for fresh market or processing; short term storage ability. Excellent disease resistance—grows best in susceptible climates where black rot and thrips are present. Uniform heads sit high on the stalk with good wrapper leaves.

2296 **Passat F1** 90 days

HYBRID • IR: **FY, T** • Storage & processing • Upright habit • 6-8 lb heads

One stop shopping for all your cabbage needs. Versatile, late season variety with large, dense heads and early vigor. Ideal for slaws, sauerkraut, storage and fresh eating with quality that improves in storage. High Brix and classic texture with a short core. A gorgeous, uniform late-season variety to replace Kaitlin F1. Good resistance to leaf diseases. Bred by Bejo Seeds for the kraut and processing industry in Holland.

2295 **Reaction F1** 100 days

HYBRID • IR: **FY** • Storage mini cabbage • Long storage • 3-4 lb heads

Productive and uniform storage cabbage with a crisp, matte white interior. This crowd-pleasing cabbage is dense and sweet with a beautiful, cream colored heart. Producing medium-sized heads with normal spacing, this variety can also be planted closer to encourage the development of mini heads. Excellent for overwintering in the Pacific Northwest Region.

2359 **Impala F1** 105 days

HYBRID • IR: **T** • Long storage • 6-8 lb heads

High-quality heads hold exceptionally well in field and storage. Dense, medium-sized heads with open green wrapper and snow white interior, indicating high vitamin C content. Sits high on stem for easy harvest, disease prevention and efficient cleaning out of storage. Potential for 10 lb heads under ideal conditions.

RED - *B. oleracea* var. *capitata*

2369 **Red Express** 62 days

OP • Fresh market • Compact habit • 2-4 lb heads

Heads up quickly into tidy little red cabbages perfect for smaller portions.

Performed well in our trials with very nice color and early maturity. Compact habit; can be densely planted at 8" spacing with Farao F1 and Famosa F1 for an earlier harvest and knock out market display. Great for northern climates and small spaces. *Unavailable in 2021*

2354 **Integro F1** 85 days

HYBRID • Fresh market • Moderate storage • 3-4 lb heads

Uniform red cabbage for fresh market or short-term storage. Our earliest-maturing red hybrid cabbage. Heads are very dark purple with an attractive silver sheen and oblong shape measuring about 5" wide by 7" tall. Suitable for mini heads at 8" spacing. Matures a few weeks earlier than Buscaro F1, but holds well in the field. From Bejo Seeds.

2294 **Kalibos** 90 days

HEIRLOOM • Conical red cabbage • Storage quality • 2-3 lb heads

Elegantly shaped, pointed red cabbages that shed winter weather and store for extended eating and selling. A breathtaking cabbage with a mild sweetness and crunch that lasts well into storage. The bright purple head of the cabbage is housed in a very large, elaborate formation of green leaves that require a 2' plant spacing. Pairs well with Murdoc F1. Our strain has been improved and stewarded by Fruition Seeds. *Limited availability in 2021*

2361 **Buscaro F1** 105 days

HYBRID • Fresh market • Moderate storage • 4-5 lb heads

Full sized heads with sweet, juicy flavor for fresh market use. Large plants give rise to hefty heads with a gorgeous, red-purple hue and distinctive silvery sheen. Heads are round to slightly oblong; beautiful color in salads and slaws. Moderate storage capacity; ideal for processing with a medium sized core.

OVERWINTERING - *B. oleracea* var. *capitata*

2358 **Travero F1** 120 days

HYBRID • Red Cabbage • Storage quality • Best for temperate climates • 2-5 lb heads

Excellent red storage cabbage with a beautiful interior structure and fresh eating quality. Can be planted close for production of small to medium heads. Dense, round heads have a good wax layer, making them ideal candidates for storage. In the Pacific Northwest, these overwintering cabbages mature in February and early March. Exceptional cold tolerance and field holding quality carry them through the low light conditions of winter. Another amazing variety from our partners at Bejo Seeds.

2297 **Stanton F1** 125 days

HYBRID • White Cabbage • Storage quality • Best for temperate climates • 4-7 lb heads

Refined white interiors that are crisp and delicious for fresh eating, protected by durable, waxy leaves that allow for long term storage. These large, semi-savoy heads come on after Deaden F1 and carry more weight when overwintered in the Pacific Northwest. Extremely uniform with strong stems, the heads are set high off the ground. Excellent cold tolerance and a good option for winter production. From Bejo Seeds.



Passat F1



Impala F1



Reaction F1



Red Express



Integro F1



Kalibos



Buscaro F1



Travero F1



Stanton F1

HOPE
IS A SEED

“Where a garden, a
community, and a way
of life grows in fertile soil.
—Cindy of Foot Print
Farms in Mississippi”



Famosa F1



Deadon F1



Emiko F1

Bilko F1

SAVOY - *B. oleracea* var. *capitata*2363 **Famosa F1** 68 days

HYBRID • Durable fresh cabbage • 2-4 lb heads

Gorgeous, early savoy cabbage for fresh market use. Dark green, heavily savoyed wrapper leaves and bright green heads make Famosa F1 a head-turner in our trials every year. Outer leaves are thick and durable, while the inner leaves are tender and delicious with mild flavor that gets sweeter as winter approaches.

2353 **Deadon F1** 105 daysHYBRID • HR: **FY** • January King-type • Long storage • 4-5 lb heads

Cold hardy with striking sage-purple wrapper leaves and lime green interiors. Freezing temperatures only improve its sweet, delicious flavor and intense purple color—one of our New York growers harvests them well into early winter, finding them sweeter with each frost. Uniform and vigorous with high yields of 6-10" heads. From Bejo Seeds.

NAPA / CHINESE - *B. rapa* var. *pekinensis*

CULTURAL INFO: Napa cabbage requires careful timing to ensure a quality crop. Plants have a tendency to bolt in spring if exposed to frost or a few nights of temperatures below 50°F. Napa cabbage grows best as days shorten in summer months for a late summer crop. High fertility yields large plants with dense heads, so fertilize well at planting and again three weeks later. Direct seed or start transplants 3-5 weeks before planting date. Transplant out after 4 weeks, being careful not to disturb roots. Plant shallowly and water in transplants to avoid stress. Protect from flea beetles as needed during the growing season. Evaluate maturity by pressing the heads to see how firm and full they are. Harvest when heads fill in, removing damaged outer leaves as necessary to reveal clean, blanched head within. Heads store well for 3 or more months at temperatures close to freezing with high humidity.

2381 **Emiko F1** 60-63 daysHYBRID • HR: **CR, FY** / IR: **TB** • Bolt resistant • 10" heads

Very consistent, broad Napa cabbage with mild, tender leaves. Compact, attractive heads with dark green wrapper leaves and vanilla interiors. An excellent choice for commercial growers. Holds well in the field; good resistance to bolting in summer temperatures. Slightly larger and later than Kaboko F1 but a good substitute. From Bejo Seeds.

2364 **Bilko F1** 63 daysHYBRID • HR: **CR, FY** • Long storage • 12" heads

Disease-resistant, dense heads with crispy, tender texture. Broad white midribs and pale green outer leaves with a creamy yellow interior. Larger than Emiko F1 with similar barrel shape. Andy Jones of the Intervale Community Farm uses it to supply Napa cabbage to his CSA into late fall. From our partners at Bejo Seeds.

HOPE
IS A SEED

“ Right now I'm just trying to be still and listen. To surrender to the slow down, dig deep and tap into the wisdom that lies here. To learn from what's broken and see the beauty in what's not. I'm grateful for the opportunity to reflect and the privilege to quarantine while working this land—and I'm trying to share that gratitude with my community. All while remembering that life itself is always resilient. —Natasha of Native Mountain Farm in Maryland ”

CABBAGE SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb
2298 Golden Acre	\$ 2.95	\$ 4.10	\$ 5.25	\$ 10.00	\$ 22.00	\$ 32.00	\$ 25.00/lb
2369 Red Express - Unavailable in 2021	\$ 2.95	\$ 5.10	\$ 8.95	\$ 20.00	\$ 55.00	\$ 82.00	\$ 70.00/lb

CABBAGE SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2364 Bilko F1 Napa	\$ 2.95	\$ 9.45	\$ 14.50	\$ 11.78/M	\$ 10.40/M	\$ 9.70/M
2361 Buscaro F1	\$ 3.85	\$ 25.00	\$ 45.00	\$ 39.00/M	\$ 33.00/M	\$ 30.10/M
2357 Capture F1	\$ 3.15	\$ 16.50	\$ 28.50	\$ 25.00/M	\$ 21.80/M	\$ 19.40/M
2349 Caraflex F1	\$ 4.50	\$ 32.25	\$ 58.00	\$ 51.00/M	\$ 46.80/M	\$ 41.00/M
2353 Deadon F1	\$ 4.65	\$ 28.50	\$ 45.00	\$ 39.00/M	\$ 33.40/M	\$ 31.50/M
2381 Emiko F1 Napa	\$ 2.95	\$ 9.45	\$ 14.50	\$ 11.78/M	\$ 10.40/M	\$ 9.70/M
2363 Famosa F1	\$ 3.85	\$ 19.00	\$ 34.50	\$ 30.00/M	\$ 25.60/M	\$ 24.50/M
2366 Farao F1	\$ 3.25	\$ 15.50	\$ 25.50	\$ 23.00/M	\$ 20.40/M	\$ 18.55/M
2359 Impala F1	\$ 3.75	\$ 22.00	\$ 39.00	\$ 33.00/M	\$ 26.40/M	\$ 23.50/M
2354 Integro F1	\$ 3.50	\$ 16.50	\$ 31.00	\$ 28.00/M	\$ 24.80/M	\$ 23.00/M
2362 Murdoc F1 - Unavailable in 2021	\$ 5.70	\$ 32.40	\$ 58.40	\$ 51.00/M	\$ 45.00/M	\$ 39.30/M
2296 Passat F1	\$ 3.40	\$ 19.05	\$ 29.75	\$ 26.50/M	\$ 23.60/M	\$ 21.50/M
2295 Reaction F1	\$ 3.40	\$ 19.05	\$ 31.00	\$ 28.00/M	\$ 23.60/M	\$ 21.50/M
2297 Stanton F1	\$ 4.50	\$ 30.00	\$ 47.00	\$ 41.00/M	\$ 35.60/M	\$ 33.50/M
2358 Travero F1	\$ 3.85	\$ 25.00	\$ 45.00	\$ 39.00/M	\$ 33.00/M	\$ 30.10/M

CABBAGE SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2294 Kalibos - Limited availability in 2021	\$2.95	\$6.00	\$9.50	\$8.00/M	\$7.00/M	\$6.00/M

Larger volumes available; please call for pricing.

Carrots

Daucus carota

Elise gathers freshly dug carrots for winter storage at Echo Creek Farm in Salem, NY.

CULTURAL INFO: Days to maturity are from direct seeding. Carrots are hardy biennials that do best in fertile, sandy loam. For more compact soils, choose tapered carrots like Chantenays or Danvers types that can wedge their way into soils. Prepare raised beds by loosening soil and raking smooth. Direct seed as soon as soil can be worked in the spring. Seedlings may take up to three weeks to emerge and may require thinning to 1" apart. Ensure constant moisture during germination. Plant every three weeks for a continual harvest. Carrots hold well in the field for up to three weeks in the summer and longer in cool conditions. Some varieties may be overwintered outdoors or in a high tunnel for an early spring harvest. For storage carrots, dig roots after frost but before ground freezes.

DISEASE & PESTS: Fungal leaf blights, caused by either *Alternaria dauci* or *Cercospora carotae*, can cause severe defoliation and greatly reduce yields. Generally, *Cercospora* blight appears earlier in the season than *Alternaria* blight. Both of these fungi can be

seed borne but are primarily spread by crop residue from previous years or inoculum in the soil. White mold (*Sclerotinia sclerotiorum*) manifests as a cottony white mycelium around roots and lower plant parts, usually late in the season. Avoid planting in areas that are shady or have poor drainage, and practice crop rotations with non-vegetable crops.

RESISTANCE KEY: IR-Intermediate Resistance, **ALB**-*Alternaria* Leaf Blight, **BR**-Black Rot, **CLB**-*Cercospora* Leaf Blight, **CS**-Cavity Spot, **LR**-Liquorice Rot, **PM**-Powdery Mildew

SEED SPECS: 11-31M (18M avg) seeds/oz, 175-500M (288M avg) seeds/lb. M=1,000. 1/32 oz approx. **550 seeds.** Direct seeding rates: Baby, 40 seeds/foot in rows 12-18" apart. Bunching, 30 seeds/foot in rows 12-18" apart. Storage, 15 seeds/foot in rows 12-18" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

EARLY SEASON

2322 Napoli F1 45 days baby, 55 full size

HYBRID • IR: **ALB, BR, CLB, CS, LR** • Long storage • 5-7" Nantes-type

An early, versatile carrot for all seasons. Great flavor and color as an early spring or baby carrot, but will continue to grow to full size for fresh market or storage. Great for high tunnels and one of Eliot Coleman's top choices for overwintering. Available as raw or pelleted seed.

2336 Yaya F1 50 days baby, 60 full size

HYBRID • IR: **BR, CLB, CS, LR** • Uniform size • Bunching or storage • 6" Nantes-type

The standard for commercial growers. Truly stellar flavor and crispness with blunt barrel shape. Versatile and suitable for storage, bunching or soup-grade carrots; compares well to Nelson F1 with better uniformity. One of the most well-known varieties from our friends at Bejo Seeds. Available as raw or pelleted seed.



Napoli F1



Yaya F1

MAIN SEASON

2320 Red Cored Chantenay 65 days

HEIRLOOM • Processing and storage • 6" Chantenay-type

Broad-shouldered variety with sweet, old-fashioned carrot flavor. Wide shoulders, a tapered root and a blunt, rounded tip; thrives in heavy soils. Fine-grained texture and a characteristic red core. A great variety for soups, freezing, canning and storage. Introduced in France in the late 1800s and quickly became the processing industry standard.

2340 Scarlet Nantes 65 days

OP • Storage • 6-8" Nantes-type

High yields with fine texture and classic carrot flavor. Our improved strain offers enhanced uniformity and a more even rate of maturity. Bright red-orange flesh with fine grain and almost no core. Very cylindrical roots with blunt tips and smaller tops for bunching or storage. A great choice for the garden.



Red Cored Chantenay



Scarlet Nantes

2330 Danvers 126 70 days

HEIRLOOM • Processing and storage • 6-7" Danvers-type

Reliable, stocky variety with broad shoulders and deep orange color. Bright orange conical roots with rugged tops strong enough to withstand being pulled. Displayed superior disease resistance in our trials and thrives in heavy soils. A great variety for canning, freezing, juicing and storing; had the highest Brix reading of any of our varieties even after months of storage. Resists splitting. *Unavailable in 2021*

2342 Naval F1 72 days

HYBRID • IR: **ALB, BR, CLB, LR, PM** • Stores well • 7" Nantes-type

Long, uniform roots and strong, healthy tops make a standout market display. This early-maturing slicing variety has a strong following for its versatility. Naval F1's tops are healthy and durable for bunching and fresh market sales, while the roots are comparable to Bolero F1 for long term storage. Naval F1 has excellent flavor right out of the field. Moderate resistance to alternaria and powdery mildew. From our partners at Bejo Seeds.



Danvers 126



Naval F1



Miami F1



Negovia F1



Bangor F1



Cupar F1



Dolciva



White Satin F1



Cosmic Purple



Starburst Blend



Napoli F1

Yaya F1

Red Cored Chantenay 126

Danvers

Cupar F1

Scarlet Nantes

Naval F1

Miami F1

Negovia F1

Dolciva

Bangor F1

2328 Miami F1 75 days

HYBRID • IR: **ALB, BR, CLB, CS, LR** • Long storage • Uniform 6-8" Nantes-type
Consistently uniform cylindrical roots with exceptionally sweet carrot flavor.
 Bright orange roots grow stouter as they mature with attractive feathery tops perfect for fresh market bunches. Well adapted for early or main season successions. Very long storage; compares well to Bolero F1. Retained its great flavor long into the winter in our storage trials.

2324 Negovia F1 80 days

HYBRID • IR: **ALB, BR, CLB, LR, PM** • Bunching or storage • 7-8" Nantes-type
A standout in our summer carrot trials for both sweetness and texture.
 Smooth, cylindrical roots with impressive flavor and stronger tops than Yaya F1, plus great storage quality. Excellent uniformity makes this a good variety for bunching and mechanical harvest; compares well to Bolero F1 with similar sweetness and crunch.

2332 Bangor F1 90 days

HYBRID • IR: **ALB, BR, LR** • Juicing & storage • 7-9" Nantes/Berlicum-type
Large, crunchy cylindrical roots ideal for juicing. The perfect juicing carrot. High yields of hefty, juicy bright orange roots with blunt tips. A main season jumbo type that resists greening and splitting; ideal for commercial growers in need of a high-yielding, long-storing variety. Develops best flavor with a little time in storage. From our partners at Bejo Seeds.

2327 Cupar F1 95 days

HYBRID • IR: **ALB, BR, CLB, CS** • Storage • 8" Chantenay-type
High-yielding, vigorous roots with disease-resistant foliage. Tapered, deep orange roots with broad shoulders and very little greening. Maintains its attractive, uniform appearance and sweet flavor improves in storage; ideal for CSA growers looking for a reliable and long-storing carrot for bunching or season extension. From our partners at Bejo Seeds.

2334 Dolciva 95 days

OP • Long storing • High Brix • 8" Nantes-type
Exceptional storage carrot developing sweetness and maintaining quality deep into the storage season. Great sweet flavor; juicy crunch and strong field resistance to Alternaria. We are delighted with this Swiss-bred variety. Slightly tapered roots have good uniformity, bright color and strong tops. Widely adapted; rated 20-30% higher in sugars than Bolero F1 over 9 months in storage. From our friends at Swiss biodynamic seed company, Sativa Seeds. Available as raw or pelleted seed.

SPECIALTY

2326 White Satin F1 68 days

HYBRID • IR: **BR, CLB, LR, PM** • Stores well • 8" Nantes-type
Exceptionally sweet, early white root. A gourmet selection with juicy crunch in every bite—adored by children for its mild, sweet flavor. Fast growing roots have a small core with very vigorous and strong top growth perfect for bunching. Combine with yellow, purple and orange carrots for an unforgettable display. From our partners at Bejo Seeds.

2335 Cosmic Purple 70 days

OP • Specialty appeal • 7" Danvers-type
Stunning roots with deep purple skin, orange flesh and a hint of spice. These tapered roots steal the show in salads with their extraordinary color combination and sweet flavor with a bit of spice. Tremendous gourmet appeal at market. Developed by Dr. Philipp Simon and staff at the USDA ARS in Madison, Wisconsin in 2005.

2333 Starburst Blend 70 days

OP/HYBRID • **H MOS EXCLUSIVE** • Specialty appeal • 7-9" roots
A certified organic carrot blend made with improved variety strains for reliable production. This rainbow of sweet and crunchy roots will delight people of all ages with striking shades of white, yellow, orange and purple. Our improved strain of Scarlet Nantes orange is the star of the blend, providing enhanced color and uniformity over our previous strain for a more even mix overall. Flavorful, extra nutritious roots of all colors are packed with antioxidants and add vibrant color to salads, mixed bunches and crudité.

2337 Yellowstone 70 days

OP • IR: **ALB, BR, CLB, LR** • Productive • Mild flavor • 9" roots

Long, sunflower-yellow carrots with strong, feathery tops. Extremely productive and adaptable to many growing conditions; one of the easiest carrots to grow. Strong tops are ideal for bunching. Pick early for a sweet, tender, mildly flavored treat that kids will love.

2325 Dragon 85 days

OP • Specialty appeal • 7" Danvers-type

Vibrant purple skin with bright orange flesh and unusual yellow core. Adored by carrot aficionados for its yellow core and spicy yet sweet flavor. Roots are full size at 7" long, thrive in heavy soils and are very hardy. Improved from a USDA specimen by Dr. John Navazio, with lycopene content equal to tomatoes.



Yellowstone



Dragon

CARROT SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2335 Cosmic Purple	\$ 2.95	\$ 6.95	\$ 22.00	\$ 75.00	\$ 225.00	\$ 350.00	\$ 283.00/lb	\$ 232.00/lb
2330 Danvers 126 - Unavailable in 2021	\$ 2.95	\$ 5.00	\$ 10.50	\$ 21.00	\$ 33.20	\$ 52.00	\$ 46.00/lb	\$ 43.00/lb
2325 Dragon	\$ 2.95	\$ 6.80	\$ 19.80	\$ 67.00	\$ 189.00	\$ 304.50	\$ 252.00/lb	
2320 Red Cored Chantenay	\$ 2.95	\$ 5.00	\$ 10.50	\$ 21.50	\$ 34.00	\$ 52.00	\$ 46.00/lb	\$ 43.00/lb
2340 Scarlet Nantes	\$ 2.95	\$ 5.25	\$ 12.50	\$ 32.00	\$ 115.00	\$ 195.00	\$ 163.00/lb	\$ 146.00/lb

CARROT SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	250	2 M	10 M	25 M	100 M	500 M	1000 M
2334P Dolciva - Pelleted	\$ 2.95	\$ 3.88/M	\$ 2.20/M	\$ 1.52/M	\$ 1.15/M	\$ 0.95/M**	\$ 0.80/M**
2334 Dolciva	\$ 2.95	\$ 2.63/M	\$ 1.50/M	\$ 1.10/M	\$ 0.86/M	\$ 0.67/M	\$ 0.58/M
2333 Starburst Blend	\$ 2.95	\$ 2.70/M	\$ 1.64/M	\$ 1.36/M			
2337 Yellowstone	\$ 2.95	\$ 2.80/M	\$ 1.70/M	\$ 1.44/M	\$ 1.21/M	\$ 1.14/M	\$ 1.01/M

CARROT SEED - HYBRID - SOLD BY SEED COUNT

	250	2 M	10 M	25 M	100 M	500 M	1000 M
2332 Bangor FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M
2327 Cupar FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M
2328 Miami FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M
2322P Napoli FI - Pelleted	\$ 5.05	\$ 8.13/M	\$ 4.00/M	\$ 3.00/M	\$ 2.80/M	\$ 2.53/M**	\$ 2.33/M**
2322 Napoli FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M
2342 Naval FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M
2324 Negovia FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M
2326 White Satin FI	\$ 4.00	\$ 7.70/M	\$ 2.90/M	\$ 2.80/M	\$ 2.15/M	\$ 2.01/M	\$ 1.90/M
2336P Yaya FI - Pelleted	\$ 4.95	\$ 8.25/M	\$ 3.30/M	\$ 2.73/M	\$ 2.50/M	\$ 2.36/M**	\$ 2.23/M**
2336 Yaya FI	\$ 2.95	\$ 5.75/M	\$ 2.05/M	\$ 1.72/M	\$ 1.60/M	\$ 1.50/M	\$ 1.45/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For pelleted seed, add \$12 for 500 M and \$25 for 1000 M.

CARROTS



Stories of RESILIENCE



Celina Landry is the Fulfillment Operations Manager at High Mowing Organic Seeds. In March of 2020, she found herself working tirelessly to meet the growing demand for seed that was inundating the High Mowing warehouse with orders, all while doing what was necessary to keep her staff healthy and safe. "The biggest challenge for me daily was to always remember that we were doing the very best we could for our customers. Covid-19 caused unprecedented times for High Mowing. It was like nothing we had ever seen, and it was a challenge every day to see us get further behind in the Fulfillment Department. We pride ourselves on getting orders out the door within 24 hours and we just could not keep up with the demand."

High Mowing was able to band together and catch up in just 4 weeks. Celina is an essential part of our team, bringing her very best every day, ready to meet the challenges of our evolving times with grace and perseverance. Her hope is that her work contributes something to the bigger picture; that from the seeds she ships across North America, prosperity blooms where it is needed most.

“I hope that the work I'm doing in the world will continue to provide the highest quality organic seeds to farmers so that they can continue to provide food to their communities, allowing them to grow, prosper and keep fighting the good fight.”

Cauliflower

Brassica oleracea var. botrytis

Monique and Taylor collecting yield data on a cauliflower trial.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Cauliflower is a cool-season biennial that prefers temperate climates, good fertilization and ample water. Start indoors 4-5 weeks before planting date. Plant out as soon as hard frost has passed. Fall crops should be sown in mid-summer and protected from extreme heat. Daytime temps between 70-80°F and cool nights are ideal. Cover developing heads by tying leaves together for a blanched effect; self-blanching varieties can minimize the need to cover. For best quality, harvest heads promptly when they are full size but compact, white and smooth.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **FY-Fusarium Yellows**, **VW-Verticillium Wilt**

SEED SPECS: 5.6-7.5M (6.3 avg) seeds/oz, 90-120M (100M avg) seeds/lb. M=1,000. Direct seeding rate: 2 seeds every 12", thin to 1 plant in rows 18-30" apart. Transplants: 12-18" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



Mardi F1



Goodman



Adona F1



Skywalker F1



Janvel F1



Veronica F1 Romanesco

2312 Mardi F1 57 days

HYBRID • Spring or fall crop • Partially self-blanching • 6-7" heads

Large, off-white heads on highly uniform plants. Each plant produces impressive heads of pronounced florets with smooth buds that avoid getting ricey. Scored the highest for overall quality in our cauliflower trials. Good flavor with high yield potential.

2313 Goodman 60 days

OP • IR: **VW** • Spring or fall crop • 5" heads

Early, generous producer of well-rounded, ivory heads. Goodman will surprise you with a slight frame that manages to produce very well-protected heads with deep curds and tender florets. Good holding ability in the field with a short harvest window. An organic, open-pollinated variety to rival the high performing classic, Amazing.

2299 Adona F1 63 days

HYBRID • Spring or fall crop • 5" heads

Strong, vigorous plants with beautiful, high-quality heads and a short harvest window. Well-domed, compact heads with dense, flavorful white curds that resist becoming fuzzy or ricey. Heads are well-protected; wrapper leaves are suited to tying or the "break, fold and cover" method of blanching. Tolerant of bacterial soft rot and downy mildew.

2318 Skywalker F1 72 days

HYBRID • Uniform maturity • 5.5" heads

Long season variety with exceptional quality for fall harvests. A narrow harvest window is perfect for market or wholesale growers. Sturdy plants produce picture perfect, dense, milky white heads. Partially self-blanching heads easily separate into tender, uniform florets. A reliable variety, widely adapted to many regions. From our partners at Bejo Seeds.

2316 Janvel F1 77 days

HYBRID • Spring or fall crop • Fresh market, processing • 6-8" heads

Vigorous and versatile with perfectly formed snow white heads. Gorgeous, dense, well-filled curds. Seasonally adapted for spring, summer and fall crops. Tight wrapper leaves and tall outer leaves provide excellent sunburn protection. Outperformed Fremont F1 in our spring trials with a slightly longer harvest window. From Vitalis Organic Seeds.

2319 Veronica F1 Romanesco 77 days

HYBRID • HR: **FY** • Gourmet • Space large plants 3' apart • 6-7" heads

Extraordinary spiralled heads with mild, nutty flavor. Heads are an alluring chartreuse in cool conditions and creamy white with a pink blush in summer. Favored for crudité and raw vegetable dishes. This type of cauliflower has northern Italian roots dating back to the 15th century and is a gourmet favorite today. From our partners at Bejo Seeds.

CAULIFLOWER SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2313 Goodman	\$ 3.75	\$ 23.00	\$ 32.00	\$ 25.00/M	\$ 20.20/M	\$ 18.50/M

CAULIFLOWER SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2299 Adona F1	\$ 4.35	\$ 28.25	\$ 54.00	\$ 45.00/M	\$ 37.00/M	\$ 31.50/M
2316 Janvel F1	\$ 5.80	\$ 31.00	\$ 52.00	\$ 43.00/M	\$ 38.00/M	\$ 34.00/M
2312 Mardi F1	\$ 5.00	\$ 31.00	\$ 52.00	\$ 43.00/M	\$ 38.00/M	\$ 34.00/M
2318 Skywalker F1	\$ 5.40	\$ 31.50	\$ 53.00	\$ 43.60/M	\$ 38.40/M	\$ 34.10/M
2319 Veronica F1 Romanesco	\$ 5.75	\$ 39.50	\$ 68.00	\$ 59.00/M	\$ 52.40/M	\$ 48.00/M

Larger volumes available; please call for pricing.

Celery & Celeriac

Apium graveolens

Melanie and Kevin of Shakefork Community Farm use oxen to cultivate their Tango celery crop in Carlotta, CA.

CULTURAL INFO: Days to maturity are from spring transplanting. Celery and celeriac can be a challenging crop for beginning growers. These crops require a very long growing season with heavy feeding and a steady water supply. Transplanting is highly recommended; start seeds indoors 10-12 weeks before planting date. Optimal soil temperature for germination is 70-75°F and tiny seeds require shallow planting. Harden off plants by reducing water for one week. Do not decrease temperature, as a ten day period with nights below 40°F and days below 55°F can cause bolting. Transplant when outside temperatures are consistently over 50°F. In hot climates, celery may require partial shade. Celery is commonly blanched by covering plants, hilling with soil or planting close together. After harvest, cool stalk heads immediately in water and store at 34°F with 95% relative humidity for up to two weeks.

DISEASE & PESTS: Fungal leaf blights caused by either *Alternaria dauci* or *Cercospora carotae* can cause severe defoliation and greatly reduce yields. Both

can be spread by crop residues from previous years. The fungal pathogen *Fusarium oxysporum* f. sp. *apii* causes yellowing leaves and stunted growth. Use resistant or tolerant cultivars and practice crop rotation to decrease risk of infection. Some common pests will attack celery and celeriac including cutworms, whiteflies, cabbage looper and aphids. Many can be controlled through crop rotation and cover cropping to break pest cycles, or with a broad-spectrum application like spinosad or *Bacillus thuringiensis* (Bt), preferably in rotation with one another to prevent selection of resistant individuals. Check with certifier before applying pesticides.

RESISTANCE KEY: HR-High Resistance, **FY-Fusarium Yellows**

SEED SPECS: 54-81M (67.8M avg) seeds/oz. M=1,000. 1/10 gm approx. 225 seeds. Transplants: 6-8" apart in rows 18-24" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

CELERY

2398 Merengo F1 80 days

HYBRID • HR: **FY** • Vigorous • 28" tall

Early variety with compact plants for easy packing. Robust plants grow quickly and have good flavor and texture. Tall, dark green stalks with healthy tops. Performed extremely well in our trials through wet conditions. Replaced and is comparable to Calypso. From Bejo Seeds.

2344 Tango 85 days

OP • Self-blanching • 18-20" tall

Greatly improved variety that is early and easy to grow. Plants are vigorous with good flavor; excellent for shorter seasons and home gardens. Smooth, non-stringy stalks with a big celery crunch and beautiful, apple-green tops. The most forgiving of our celery varieties.



Merengo F1



Tango

CELERIAC

2397 Balena F1 108 days

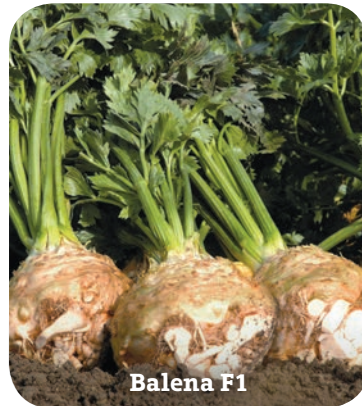
HYBRID • HR: **FY** • Improved bolt tolerance • Upright foliage attachment

Hybrid celeriac with improved bolt tolerance. Excellent upright leaf growth and healthy foliage. Interiors are a lovely solid white, with little pithiness. Quick to mature with exceptional cold tolerance. From our partners at Bejo Seeds.

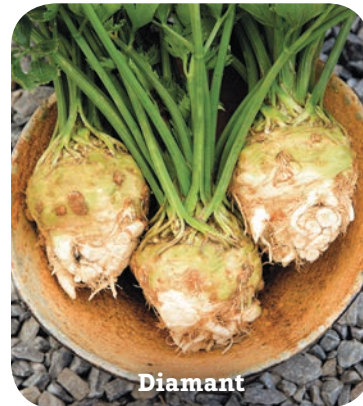
2396 Diamant 115 days

OP • HR: **FY** • Long storage • Easy to clean

Large, uniform roots delicious in soups, salads and roasted vegetable dishes. Rugged looking roots hide a creamy white interior with surprisingly delicate celery flavor. Produced large, uniform roots in our trials. Leaves grow upright from the crown center for better presentation and easy cleaning. Requires consistent moisture all season. From Bejo Seeds.



Balena F1



Diamant

CELERY & CELERIAC SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M
2396 Diamant Celeriac	\$ 4.40	\$ 18.00	\$ 16.00/M	\$ 12.80/M
2344 Tango Celery	\$ 3.70	\$ 9.15	\$ 7.55/M	\$ 6.20/M

CELERY & CELERIAC SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M
2397 Balena F1 Celeriac	\$ 4.50	\$ 19.00	\$ 16.50/M	\$ 15.00/M
2398 Merengo F1 Celery	\$ 4.00	\$ 12.25	\$ 10.05/M	\$ 8.32/M

Larger volumes available; please call for pricing.

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CELERY



Chard

Beta vulgaris

There are few things more striking when it comes to greens than the stems of colorful chard.

CHARD

CULTURAL INFO: Days to maturity are from direct seeding; if transplanting subtract 14-21 days. Chard is a hardy biennial that can be direct seeded all season long and used for winter tunnels. Thin as needed to promote healthy, uniform plants. It is easy to grow and tolerates mild freezes. Transplants can be started 4-6 weeks before planting. Plant outdoors after the danger of frost has passed. Immature plants can withstand temperatures down to 32°F. Optimal germination temperature is 55-75°F. For baby leaf production, sow every week until four weeks before frost date for a continual summer harvest. Chard prefers nutrient-rich soils with good drainage and a pH between 6.0-7.0. Chard is an excellent source of fiber and is high in antioxidants like vitamins C, K and A.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Because the leaves are the edible portion, damage from insects may require greater control. Chard does not compete well with weeds; keep beds well weeded to avoid creating a host for pests and competition with chard plants. Chard is susceptible to flea beetles,

aphids and leafminer and should be kept under row cover in early growth stages to avoid damage. Slugs attack chard by chewing holes in leaves and creating grooves in the ribs; prevention techniques include drip irrigation instead of overhead watering and correct plant spacing to avoid overcrowding. Slugs can be controlled with diatomaceous earth or iron phosphate products. The fungal disease *Cercospora* leaf spot can occur when excessive moisture is present; avoid overhead watering and overcrowding of plants to allow adequate air flow. Remove any affected leaves promptly.

SEED SPECS: 1.2-2.5M (1.5M avg) seeds/oz, 20-40M (30M avg) seeds/lb. M=1,000. 1/16 oz approx. **90 seeds.** Direct seeding rate: Baby, 40 seeds/foot in a 2" band in rows 2-6" apart. Bunching, 6 seeds/foot, thin to 1 plant every 8-12" in rows 18-30" apart. Transplants: 12-18" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



Fordhook Giant



Pink Passion



Silverado



Rubarb Supreme



Improved Rainbow Blend

2343 Fordhook Giant 25 days baby, 50 full size

HEIRLOOM • Broad stems • High yielding

An easy winner for appearance and flavor in our trials. Broad, white stems and midribs contrasting with deep green, savoyed leaves make Fordhook a bestseller year after year. Large plants have very upright architecture with high yield potential, excellent for commercial growers.

2351 Pink Passion 28 days baby, 55 full size

OP • Narrow to broad stems

Striking pink stalks and emerald green leaves for an eye-catching bunch. Veins and midribs are colored a striking magenta against deep green leaves. Leaves are more consistent with Ruby/Rhubarb than the Fordhook style but at full size can have wide, flattened stems. *Unavailable in 2021*

2355 Silverado 30 days baby, 55 full size

OP • Narrow stems • Slow to bolt • Disease resistant

Deep green glossy leaves and bright, white stems are beautiful at baby or full size. More compact and deeply savoyed than Fordhook with a narrower stem. Extremely cold tolerant and slow to bolt. Displays field resistance to *Cercospora* leaf spot, allowing for a very long harvest window of high-quality leaves. High Mowing is proud to be the exclusive producer of organic seed for this variety thanks to our partnership with Sakata Seed. Bred by Alf Christianson Seed Company. A portion of the sales of this variety is paid to the breeder. *Unavailable in 2021*

2350 Improved Rainbow Blend 30 days baby, 60 full size

OP • Narrow to broad stems • Upright, easy to harvest

Striking improved blend of red, pink, white, yellow and gold stems. Upright habit makes for clean production and easy harvesting. Color intensity is not as well defined early on; mostly pink, red and white at baby stage. Grow to full size for a dazzling display at market.

new 2365 Rhubarb Supreme 30 days baby, 60 full size

OP • Broad stem • Striking colors

Deep red stemmed chard with vibrant green leaves. A product of an exciting breeding project conducted by Dr. John Navazio, Nash's Organic Produce and the Organic Seed Alliance, this excellent chard variety is an improvement on the classic "rhubarb" type. Perfect for full-sized bunching, this variety has been selected for bolt resistance which tends to affect red chard varieties the most. Leaves are large and savoyed with exceptional savory flavor. This variety is a favorite of growers due to its striking colors and outstanding performance in the field.

2360 Ruby/Rhubarb Red 30 days baby, 60 full size

HEIRLOOM • Narrow stems • Micro, baby or full size crop

Rich crimson red stems and bright green savoyed leaves. Our improved strain of this standard red has been selected for highly savoyed leaves, color contrast and minimal chocolate leaves late in the season. Good early coloring of stems, perfect for microgreens or baby leaf.

new 2347 Sunset 30 days baby, 60 full size

OP • Bright orange stems • Gorgeous green leaves

Bright orange stems that vein beautifully into glossy, broad, green leaves. Plants are large and uniform, displaying a beautiful bouquet of deep green leaves on cheerful orange stems. Performs well in variable weather, exhibiting exceptional quality as a microgreen, when harvested as a baby leaf and when grown to full size for bunching. Can be mixed with other colors for a classic rainbow appeal.



Ruby/Rhubarb Red



Sunset

CHARD SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb
2343 Fordhook Giant	\$ 2.95	\$ 3.55	\$ 5.00	\$ 14.00	\$ 45.00	\$ 37.00/lb
2350 Improved Rainbow Blend	\$ 2.95	\$ 6.65	\$ 11.50	\$ 21.70	\$ 73.50	\$ 67.00/lb
2351 Pink Passion - Unavailable in 2021	\$ 2.95	\$ 9.25	\$ 19.50	\$ 64.00	\$ 205.00	\$ 176.00/lb
new 2365 Rhubarb Supreme	\$ 2.95	\$ 9.00	\$ 15.00	\$ 42.00	\$ 150.00	\$ 140.00/lb
2360 Ruby/Rhubarb Red	\$ 2.95	\$ 3.75	\$ 4.00	\$ 9.00	\$ 30.00	\$ 25.00/lb
2355 Silverado - Unavailable in 2021	\$ 2.95	\$ 5.25	\$ 9.00	\$ 20.50	\$ 70.00	\$ 65.00/lb
new 2347 Sunset	\$ 2.95	\$ 6.65	\$ 11.50	\$ 21.70	\$ 73.50	\$ 67.00/lb

Larger volumes available; please call for pricing.

Collards

Brassica oleracea

Zach and Taylor survey a patch of collards that are part of a variety assessment at the High Mowing trials farm fields.

CULTURAL INFO: Collards are a hardy biennial closely related to kale, cabbage and broccoli. They will overwinter in milder climates and have a long harvest window. Fluctuations in temperature and water do not affect leaf quality in collards the way they affect head quality in other cole crops. Of all cole crops, collards tolerate hot weather the best. Direct sow when daytime soil temperatures warm to 65-75°F or start 4-6 weeks before planting date. Seedlings can tolerate light frost after they've hardened off. Sow fall plantings two months before first expected frost for full size, and up until frost for baby leaf. Sweetens after light frosts.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Insect pests of the Lepidoptera order (cabbage and diamondback moths, etc.)

can be controlled with *Bacillus thuringiensis* (Bt) and/or spinosad, ideally in rotation with one another. Flea beetles are detrimental with young plants; use row cover or OMRI-approved broad spectrum, neem, spinosad or capsaicin to control populations. Check with your certifier before applying.

SEED SPECS: 5.6-9.4M (7.5M avg) seeds/oz, 90-150M (120M avg) seeds/lb. M=1,000. **1/32 oz approx. 250 seeds.** Direct seeding rate: Baby, 60 seeds/foot in a 2" band in rows 2-6" apart. Full size, 3 seeds every 12-18", thin to 1 plant in rows 18-30" apart. Transplants: 12-18" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

2552 Champion 70 days

OP • Improved Vates type • 24-36" tall • Compact habit

Selected to hold in the field up to two weeks longer than other varieties for an extended harvest. Rich blue-green, tender leaves. Plants are bolt resistant, productive and hardy. Waxy leaf surface provides natural protection from cabbage worms.

2553 Georgia 70 days

HEIRLOOM • 36" tall plants • Heat tolerant

Top producer of tender, mild greens with reliable, heavy yields. Long, loosely held leaves are dark green with stark white midribs. Smoother leaves, whiter midribs, shorter internodes and larger habit than Champion. Thrives where it's too hot for other cole crops. Old-time favorite introduced before 1880; variable leaf shape.



Champion



Georgia

COLLARDS SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb
2552 Champion	\$ 2.95	\$ 5.10	\$ 10.90	\$ 24.50	\$ 50.00	\$ 80.50	\$ 73.00/lb
2553 Georgia	\$ 2.95	\$ 5.10	\$ 11.75	\$ 24.50	\$ 50.00	\$ 80.50	\$ 73.00/lb

Larger volumes available; please call for pricing.

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Corn

Zea mays



Nick, Sarah and Sadie of Evergreen Family Farm in La Grande, OR show off a lush stand of sweet corn. Photo by Berenice Chavez.

CULTURAL INFO: Days to maturity are from direct seeding. Corn is a warm-season, tender annual. It is a heavy feeder that needs high fertility and benefits from side dressing. Plant sweet corn varieties away from flint corn and popcorn to avoid crossed kernels. For improved pollination, plant in blocks with a minimum of four rows rather than long single rows. Side dress when plants are a foot tall. Harvest when ear silks have dried to a dark brown and kernels are filled to the tip and colored. Sweet corn is generally ready 21 days after first silk. For best quality, eat right away or cool to 32°F within one hour of harvest. Store at 32-34°F with 98% relative humidity.

GMO POLICY: Through a combination of controlled stock seed production, field isolation and inspection, and policies for harvesting and handling, we focus on prevention of GMO contamination in all our seeds. All corn seed lots are also tested to confirm zero detectable level in 10,000 seeds. No contaminated seed lots will ever be sold.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Damping off may occur when planting untreated seed in cool soils. Other diseases include Rust, Northern Corn Leaf Blight, and Stewart's Wilt (*Erwinia stewartii*). Common insect pests include corn flea beetles (a different species than those that attack brassica crops), corn earworm, and European Corn Borer, which can be controlled with beneficial parasitic wasps, *Bacillus thuringiensis* (Bt) or spinosad. Always check with your certifier before applying organic control measures.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **CR-Common Rust**, **NCLB-Northern Corn Leaf Blight**, **S-Smut**, **SW-Stewart's Wilt**

GENETIC SWEET CORN TYPES:

Standard (su) – Traditional flavor of sweet corn. Conversion of sugar to starch begins quickly after harvest. Should be eaten soon after harvest.

Sugary Enhanced (se) – Heterozygous se type. Tender kernels. Retain their sugar content longer after harvest than su varieties.

Tablesweet (se+) – Homozygous se type. Tender kernels. Retain their sugar content longer after harvest than su varieties.

Synergistic (sy) – Possesses se and sh2 kernels on the same ear. Retains sweetness post-harvest better than se, while still maintaining se tenderness.

Supersweet (sh2) – Highest sugar content. Holds sweetness post-harvest longer than other types.

Augmented supersweet (augmented sh2) – Possesses se and sh2 in every kernel. Highest sugar content. Retains sweetness post-harvest longer than other types. More tender kernels than regular sh2 varieties.

SEED SPECS: Sweet Corn: 105-220 (160 avg) seeds/oz, 1.7-3.5M (2.5M avg) seeds/lb. **1 oz approx. 150 seeds.** Popcorn: 235-280 (250 avg) seeds/oz, 3.8-4.5M (4.2M avg) seeds/lb. **1 oz approx. 250 seeds.** Ornamental & Milling: 75-125 (100 avg) seeds/oz, 1.2-2M (1.6M avg) seeds/lb. **1 oz approx. 100 seeds.** M=1,000. Direct seeding rate: 2 seeds/foot in rows 30-36" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

SWEET CORN, WHITE

2389 Natural Bright XR F1 74 days

HYBRID • HR: **CR** • Supersweet (sh2) • 8" ears

Exceptional white, sweet corn with great husk protection and tender, sweet kernels. This sister hybrid of Natural Sweet XR is the first white-kernelled, organic supersweet variety offered from Illinois Foundation Seeds Inc. These vigorous, 6' tall plants have strong resistance to lodging in the field and produce 8" ears with superb eating quality. Holds well in the cooler post harvest.

2378 Mirage F1 79 days

HYBRID • HR: **CR** / IR: **NCLB, SW** • Synergistic (sy) • 8-9" ears

Attractive ears with wonderfully tender, sweet kernels that melt in your mouth. Ears start 2.5' from the ground for easy harvest and are well wrapped in dark green husks. Plants are 7' tall and average 2 ears per plant with 16 rows of kernels each. Thanks to our partnership with Seneca Vegetable Research, High Mowing is the exclusive producer of organic seed for this variety. A portion of the sales of this variety is paid to the breeder.

SWEET CORN, YELLOW

2375 Fisher's Earliest 70 days

OP • Standard (su) • 6" ears

Early and beautiful with old-fashioned flavor. Vigorous, multi-colored 5-6' stalks with one ear per plant sitting 18" high. Ears grow 10-12 rows of kernels; excellent tip fill and husk cover. All su's should be picked and eaten quickly as ears lose sweetness rapidly post-harvest. Selected for short seasons by Ken Fisher of Belgrade, MT.

SWEET CORN, BI-COLOR

2386 Natural Sweet XR F1 73 days

HYBRID • HR: **CR** • Supersweet (sh2) • 7.5" ears

An organic supersweet with improved sweetness and tenderness. From the same breeding team that brought us Xtra-Tender 2171 F1, Natural Sweet XR F1 is a continuation of these impressive sweet corn genetics. Slightly taller (5' plants) and with more ideal ear height for harvesting (20-25") than 2171 F1, these vigorous plants produce uniform ears with great husk coverage and exceptionally sweet, milky kernels for enhanced eating quality. Developed by Illinois Foundation Seeds, Inc.



Natural Bright XR F1



Mirage F1



Fisher's Earliest



Natural Sweet XR F1

2379 Allure F1 75 days

HYBRID • HR: **CR** / IR: **SW** • Synergistic (sy) • Slender 8" ears

Seductive sweetness and an instant favorite in our trials. Long-lasting confectionary sweetness and excellent seedling vigor. Ears have good tip fill, and biting into the tender kernels results in a juicy pop. Impressively uniform 6-7' stalks. Synergistics (sy) hold sweetness better post-harvest than se's. Thanks to our partnership with Seneca Vegetable Research, High Mowing is the exclusive producer of organic seed for this variety. A portion of the sales of this variety is paid to the breeder.

2385 Enchanted F1 78 days

HYBRID • IR: **CR, NCLB, SW** • Augmented supersweet (sh2) • 7" ears

This augmented hybrid produces ears full of mouthwatering, plump kernels and stays sweet longer post-harvest. Buttery white and gold kernels are juicy and flavorful. Ears consistently have 18-20 rows of kernels and excellent tip fill. Great variety for processing and freezing. Thanks to our partnership with Seneca Vegetable Research, High Mowing is the exclusive producer of organic seed for this variety. A portion of the sales of this variety is paid to the breeder.

2376 My Fair Lady F1 78 days

HYBRID • Sugary Enhanced (se) • 7-8" ears

High-class corn with tender texture and delicious, sweet flavor. Elegant, long, slender ears are 1.25" wide at the center. Single-stalked plants grow to 5'. Developed by Dr. William Tracy at the University of Wisconsin in collaboration with High Mowing. A portion of the sales of this variety is paid to the breeder.

2382 Who Gets Kissed? 78-84 days

OP • IR: **CR, S** • Sugary enhanced (se) • 7-8" ears

A sweet corn bred for (and by) organic growers. Excellent flavor and texture; good cool soil emergence. Compact 5-6' tall plants with ears 2' off the ground. Good tip fill and husk coverage. Extended harvest window—check frequently for maturity. Developed by Dr. Bill Tracy, Jared Zystro, Dr. Adrienne Shelton and Dr. John Navazio in collaboration with the Organic Seed Alliance and farmer Martin Diffley. High Mowing is the exclusive producer of organic seed for this variety. A portion of the sales of this variety is paid to the breeder.

POPCORN, ORNAMENTAL, MILLING

2410 Tom Thumb 85 days

HEIRLOOM • YELLOW • Popcorn • Dwarf 3' plants • 3-4" ears

Extra-early popcorn succeeds even in cold climates. Dwarf plants each produce 1-2 petite ears for decorations or wreaths. Pops well with a slightly denser texture than commercial popcorn. Improved by Professor E. Meader at the University of New Hampshire.

2404 Painted Mountain 90 days

OP • MULTI-COLOR • Ornamental/Milling • 6-7" ears

Colorful Montana mountain corn for milling flour. Selected by Dave Christenson from a strain of Mandan Indian corn for earliness and cold-hardiness. Multi-color kernels vary from ear to ear. Perfect for flour with soft starchy kernels that are easy to grind.

2390 Roy's Calais Flint 90-95 days

HEIRLOOM • GOLD/RED • Ornamental/Milling • 9-12" ears

Beautiful gold and maroon ears excellent for cornmeal, flour and hominy. This excellent Vermont flint corn was recognized by the Slow Food Ark of Taste as a historic variety in need of preservation. Highly ornamental and genetically unusual blend of colors. Seed royalties are paid to the Indigenous Seed Keepers Network in acknowledgement of the historic breeding work done by the Abenaki people of the Northeast and Quebec. A portion of the sales of this variety go to the Native American Food Sovereignty Alliance.

2371 Dakota Black 95 days

OP • BLACK • Popcorn • Long storage • 5-6" ears

Delicious and beautiful with eye-catching black kernels. Perfect rows of purple-black kernels up to the tip. 6-7' plants typically have one ear each. Allow to dry fully in the field and continue drying inside for best popping. Bred by Prairie Road Organic Farm in North Dakota.



Allure F1



Enchanted F1



My Fair Lady F1



Who Gets Kissed?



Tom Thumb



Painted Mountain



Roy's Calais Flint



Dakota Black

CORN SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	20 lb*
2371 Dakota Black Popcorn	\$ 5.00	\$ 23.00	\$ 38.00	\$ 30.00/lb	\$ 25.00/lb
2375 Fisher's Earliest	\$ 4.60	\$ 17.35	\$ 30.10	\$ 25.50/lb	\$ 22.40/lb
2404 Painted Mountain Milling	\$ 4.50	\$ 20.65	\$ 26.25	\$ 23.05/lb	\$ 22.00/lb
2390 Roy's Calais Flint	\$ 4.35	\$ 14.25	\$ 22.50	\$ 19.80/lb	\$ 17.60/lb
2410 Tom Thumb Popcorn	\$ 4.70	\$ 17.60	\$ 31.75	\$ 26.50/lb	\$ 23.92/lb
2382 Who Gets Kissed? Sweet	\$ 4.60	\$ 17.35	\$ 30.10	\$ 25.50/lb	\$ 22.40/lb

CORN SEED - HYBRID - SOLD BY SEED COUNT

	75	1 M	5 M	25 M	100 M**	500 M**
2379 Allure F1 Sweet	\$ 4.35	\$ 21.75	\$ 17.00/M	\$ 14.80/M	\$ 12.85/M	\$ 10.80/M
2385 Enchanted F1 Sweet	\$ 4.35	\$ 21.75	\$ 17.00/M	\$ 14.80/M	\$ 12.85/M	\$ 10.80/M
2378 Mirage F1 Sweet	\$ 4.35	\$ 21.75	\$ 17.00/M	\$ 14.80/M	\$ 12.85/M	\$ 10.80/M
2376 My Fair Lady F1 Sweet	\$ 3.75	\$ 18.00	\$ 12.00/M	\$ 9.00/M	\$ 7.50/M	\$ 6.50/M
2389 Natural Bright XR F1 Sweet	\$ 6.00	\$ 25.00	\$ 24.25/M	\$ 21.40/M	\$ 19.50/M	\$ 18.50/M
2386 Natural Sweet XR F1 Sweet	\$ 6.00	\$ 25.00	\$ 24.25/M	\$ 21.40/M	\$ 19.50/M	

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For 100M, add \$12. For 500M, add \$60.

Your Source for 100% Certified Organic, Non-GMO Project Verified Seeds

Cucumbers

Cucumis sativus

Molly and Charles place row cover over a newly planted crop of cucumbers.

CUCUMBERS

CULTURAL INFO: Days to maturity are from direct seeding, subtract 10 days if transplanting. Cucumbers are warm season tender annuals that enjoy generous amounts of organic matter and good fertility. They can be direct seeded after all danger of frost has passed or begun as transplants 3-4 weeks before planting date. Optimal soil temperature for germination is 75-85°F. Plastic mulch and row covers are commonly used for field cucumbers to increase temperature and ward off insects. Thin-skinned cucumbers are especially affected by cucumber beetle feeding and may require row cover. Monoecious plants have both male and female flowers and require pollination. Greenhouse cucumbers are parthenocarpic and are able to produce fruit without pollination. Harvest cucumbers regularly to increase production. Cucumbers store well for up to 7-10 days at 50-55°F with 95% relative humidity and can become injured at temperatures lower than 50°F. Thin-skinned cucumbers are best stored wrapped in plastic. Beit Alphas are similar to European/Dutch types with the same ribbed skin but smaller.

DISEASE & PESTS: Being tender annuals, cucumbers are susceptible to various warm weather pests and diseases. Floating row covers and crop rotation can see cucumber plants through to harvest in areas where pest and disease pressure is heavy. Cucumber beetles

are potentially the biggest threat to cucumbers, as they are voracious eaters of leaves, stems, and flowers, but also because they transmit bacterial wilt and cucumber mosaic virus from plant to plant. Other pests include pickleworms, squash beetles, squash bugs, melon aphids and thrips. Avoiding interaction with cucumber plants when conditions are wet can lessen the transmission of disease and trellising plants on netting can help aerate the plants in climates where humidity is commonly high.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **ALS-Angular Leaf Spot**, **AN-Anthraxnose**, **BW-Bacterial Wilt**, **CMV-Cucumber Mosaic Virus**, **CVYV-Cucumber Vein Yellowing Virus**, **DM-Downy Mildew**, **PM-Powdery Mildew**, **PRS-Papaya Ringspot Virus**, **SCAB-Scab**, **TLS-Target Leaf Spot**, **WMV-Watermelon Mosaic Virus**, **ZYMV-Zucchini Yellow Mosaic Virus**

SEED SPECS: 1-1.3M (1.1M avg) seeds/oz, 12-21M (16.5M avg) seeds/lb. M=1,000. 1/16 oz approx. **65 seeds.** Direct seeding rate: 3 seeds every 12", thin to 2 plants in rows 5-6' apart. Transplants: 12" apart in rows 5-6' apart.

Please see **Planting Chart** on page III or go to highmowingseeds.com for more info.

EUROPEAN SLICER



Minime F1



Picolino F1



Socrates F1



Kalunga F1



Manny F1



Tyria F1

2429 Minime F1 50 days

HYBRID • Mini Beit Alpha cucumber • Parthenocarpic • For fresh eating • 3-4" fruit
Delicious, snack-sized, mini cucumbers that grow well in the field or greenhouse. High-yielding plants are covered in small, uniform fruits that have very smooth skin and juicy, refreshing flesh. Harvest when fruit is finger sized. Great for throwing in a lunch box or taking in the car on a road trip. From our partners at Genesis Seeds.

2432 Picolino F1 50 days

HYBRID • HR: **SCAB, TLS** / IR: **CMV, CVYV, PM** • Parthenocarpic • 4-5" fruit
Mini English cucumbers with sweet flavor, thin skin and crispy texture. We love the convenience of these prolific cukes. Best quality trellised in a greenhouse, but also suited to field production. Parthenocarpic plants allow for fruit set without pollination and under stress.

2421 Socrates F1 52 days

HYBRID • HR: **SCAB** / IR: **PM** • Parthenocarpic • 7" fruit
Midsize European cuke with thin skin; a winner in our taste tests. Plants do not require pollination; good for seedless production, but seeds will form if insects are present. Adaptable to field or tunnels but especially suited to fall or winter where light levels are low and powdery mildew is present.

2431 Kalunga F1 55 days

HYBRID • HR: **SCAB, TLS** / IR: **PM** • Parthenocarpic • 12-13" fruit
Lightly ribbed, long, green fruits on vigorous, productive plants. Strong, compact plants are early to mature, producing one fruit per node. The highest yielding European type in our trials. Tasty, non-bitter fruits have golden flesh and an extended shelf life. Ideal for unheated greenhouses but widely adapted to many different growing conditions and seasons. From Vitalis Organic Seeds.

2419 Manny F1 55 days

HYBRID • IR: **CVYV, PM** • Parthenocarpic • Gourmet Beit Alpha-type • 5-7" fruit
Thin, lightly ribbed fruits are high yielding with excellent field performance. Crisp, consistent fruit set on hardy plants that do not require fertilization, which allows for early productivity even under climatic stress. Performs exceptionally well on trellis while also producing heavy yields in the field.

2428 Tyria F1 58 days

HYBRID • HR: **SCAB, TLS** / IR: **PM** • Parthenocarpic • 14" fruit
Long European/Dutch type with smooth, slender fruits. Thin skin is slightly ribbed and dark green. Crisp texture and mildly sweet flavor, never bitter. Variety does not require pollination; can be grown indoors all season long or outdoors. Trellis vines for straight fruit.

2425 Green Finger 60 days

OP • HR: **PM, PRS, WMV, ZYMV** • Monoecious • Gourmet Beit Alpha-type • 6-8" fruit
Thin, tender skin, crisp flesh and a small seed cavity. Green Finger blew away hybrids in our trials for quality and yield. Unusually durable for this type; no wrapping needed. A field or open tunnel variety bred by Cornell University; requires pollination for fruit set. A portion of the sales of this variety is paid to the breeder.

AMERICAN SLICER

2436 Green 18 F1 55 days

HYBRID • IR: **CMV, CVYV, DM, PM** • Parthenocarpic • Spring/fall crop • 8-9" fruit
Highly productive field cucumber with smooth, green skin and delicious, crisp texture. This adaptable variety has proven to be a productive and resistant cucumber for open field growing. The beautiful, green skin protects a dense, juicy flesh on the inside leading to the perfect summer bite. Highly recommended for the commercial grower and home gardener alike. Plants do not require pollination. From our friends at Genesis Seeds. *Limited availability in 2021*

2426 Paraiso F1 55 days

HYBRID • UP • IR: **CMV, CVYV, PM** • Uniform • High yielding • Parthenocarpic • 8-10" fruit
Vigorous, disease-resistant slicer with great flavor. Reliably early and abundant producer of long, slender fruit with sweet, mild flavor and great crunch. Vigorous vines with huge, dark green leaves; tolerant of cool temperatures. Comparable to Corinto F1 in productivity and vigor.

2440 Marketmore 76 65 days

OP • HR: **CMV, PM, SCAB** • Vigorous • Monoecious • 8-9" fruit
Marketmore 76 remains the most widely planted, open-pollinated slicer in the US. Dark green fruits stay green and mild-tasting even under heat stress, while multiple disease resistances keep plants vigorous and highly productive across a long picking season. Showed good resistance to angular leaf spot and anthracnose in our trials.

2438 DMR 401 67 days

OP • HR: **DM** • Monoecious • 7" fruit
The leading source of resistance to the new strain of downy mildew in cucumbers. DMR 401 offers resistance to the newest strain of cucurbit downy mildew with foliage that stands strong against the pathogen to keep producing sizable, uniform fruits. The hands-down winner for mildew resistance in both extension and farmer trials. Best used in regions with heavy DM pressure and during seasonal slots when DM is expected. Bred by Dr. Michael Mazourek of Cornell University with the support of a USDA-NIFA-OREI grant. A portion of the sales of this variety is paid to the breeder.

PICKLING

2450 National Pickling 52 days

OP • HR: **CMV, SCAB** • Productive • Monoecious • 5" fruit
Short, thick cukes with blunt ends are perfect for pickles and delicious in salads. Fruits have striped, medium green skin and a slightly tapered shape to fit in a pickle jar. A heavy producer with black spines. Developed by the National Pickle Packers Association; the cuke pickle growers asked for.

2452 H-19 Little Leaf 58 days

OP • HR: **ALS, AN, SCAB** / IR: **CMV, PM** • Parthenocarpic • 3-4" fruit
Uniform fruits great for fresh eating or pickling. Compact, multi-branching vines climb easily; small leaf size makes fruit easy to see. Great for field, greenhouse, or containers. Developed and released by the University of Arkansas in 1991. Plants produce fruit under stress and without pollinators, guaranteeing high yields.

2423 Adam F1 60 days

HYBRID • HR: **CMV, PM, SCAB** / IR: **DM** • Parthenocarpic • 3-4" fruit
Early, heavy yields of gherkin-type fruit for pickling. Fruit possesses a full, even shape with minimal tapering at a small size. Dense, crisp flesh and characteristic bumpy skin are most pronounced when young and help maintain crispness in pickling. Plants do not require pollination—perfect for greenhouses. Also performs great in the field.

SPECIALTY

2454 Poona Kheera 50 days

OP • Productive • Monoecious • 4-5" fruit
Unusual gourmet variety with sweet golden skin and juicy, crisp texture. Specialty variety from India has light yellow skin when young with rosy russetting at full maturity. Traditionally sold at yellow stage, but flavor is best when harvested as rosy blush begins. Heavy producer. Climbs easily on a trellis to 5-6'.

2424 Silver Slicer 54 days

OP • HR: **PM** • Monoecious • Excellent flavor • 5-6" fruit
Prolific, creamy white cucumber with crisp texture and delicious flavor. This thin-skinned, refined heirloom from the breeders at Cornell University produces stunning, white fruits with thin skin that never gets bitter. Field resistance to powdery mildew allows for marketable harvest well into the fall. Buttery texture that is never watery, this variety is often favored over many of its green-skinned competitors. A portion of the sales of this variety is paid to the breeder.



Green Finger



Green 18 F1



Paraiso F1



Marketmore 76



DMR 401



National Pickling and H-19 Little Leaf (L to R)



Adam F1



Poona Kheera



Silver Slicer



Shintokiwa



Suyo Long



Tasty Green F1



Boothby Blonde



Lemon

new 2437 Shintokiwa 60 daysOP • HR: **BW** • Japanese burpless type • Monoecious • 9-12" fruits**Long, thin-skinned fruit with a small seed cavity and exceptional flavor and crunch.**

Plants are vigorous and produce long, slender fruit that resists bitterness as they mature. Even when harvested at a larger size, fruit is juicy with bright, crisp texture and a sweet, vibrant flavor. A superior producer of uniform, long cucumbers that can be trellised for straight fruits. Harvest when cucumbers are thin and 9" inches long or shorter for optimal sweetness. Introduced by Japanese Rudolf Steiner students and stewarded by biodynamic seed grower Harald Hoven for years. Now stewarded by Meadowlark Hearth Biodynamic Seed Initiative.

2435 Suyo Long 60 daysHEIRLOOM • IR: **PM** • Heat tolerant • Asian • Monoecious • 15" fruit

Long Asian burpless cucumber with sweet flavor and crisp texture. Great for fresh eating, pickling or cooking. Fruits are spiny when young, becoming smoother at peak maturity. Fruits tend to curl on one end; trellis vines for straighter fruit. Widely adapted.

2433 Tasty Green F1 60 daysHYBRID • HR: **PM** / IR: **DM** • Heavy yields • Asian • Monoecious • 9" fruit

A slender Asian burpless variety with delicate skin and sweet flavor. Vigorous plants produce long, slim fruits with higher yields and smoother skin than the heirloom Suyo Long. An early producer, Tasty Green F1 offers high-quality fruit with shallow ridges and crisp texture. Popular in specialty markets and for growing in home gardens. Best quality trellised, as fruits tend to curl if plants are left to grow over the ground.

2420 Boothby Blonde 63 days

HEIRLOOM • Great container variety • Monoecious • 3-5" fruit

Heavy yields of plump cucumbers with creamy yellow skin. Sweet, delicate flavor and an oddly endearing appearance. Maintained for five generations by the Boothby family of Livermore, ME. Recognized by the Slow Food Ark of Taste. High Mowing has taken on preservation of this historic cultivar by continuing seed productions.

2430 Lemon 68 days

HEIRLOOM • Great container variety • Tolerates cool weather • Monoecious • 3" fruit

Specialty variety prized by chefs for its delicate flavor and crunchy bite. Round fruits turn from pale greenish-yellow to lemon-yellow (the best eating stage) and then bright golden-yellow (when it most closely resembles a lemon). Easy to grow; does well in short seasons.

HOPE IS A SEED

“ Growing plants from seed is a reminder of how resilient life is, even in it's most fragile state. Yet seeds aren't resilient on their own—their success is the project of sunlight, water, bacteria, and the care of other organisms. This current crisis grounds us in the reality that the food on our table is the product of so much labor and love, and that it all starts with a tiny seed. —**Maya, gardener in New York City** ”

CUCUMBER SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb	20 lb*
2420 Boothby Blonde	\$ 2.95	\$ 6.00	\$ 13.00	\$ 29.00	\$ 115.00	\$ 100.00/lb	\$ 86.00/lb
2425 Green Finger	\$ 2.95	\$ 7.00	\$ 17.00	\$ 45.00	\$ 145.00	\$ 121.00/lb	\$ 100.00/lb
2452 H19 Little Leaf	\$ 2.95	\$ 4.95	\$ 12.00	\$ 29.60	\$ 98.00	\$ 85.00/lb	\$ 78.00/lb
2430 Lemon	\$ 2.95	\$ 3.85	\$ 5.50	\$ 16.00	\$ 50.00	\$ 45.00/lb	\$ 40.20/lb
2440 Marketmore 76	\$ 2.95	\$ 3.70	\$ 6.00	\$ 14.00	\$ 42.00	\$ 36.00/lb	\$ 33.00/lb
2450 National Pickling	\$ 2.95	\$ 4.20	\$ 5.60	\$ 17.95	\$ 54.00	\$ 51.00/lb	\$ 47.00/lb
2454 Poona Kheera	\$ 2.95	\$ 4.85	\$ 11.25	\$ 27.50	\$ 94.00	\$ 84.60/lb	\$ 75.40/lb
2424 Silver Slicer	\$ 2.95	\$ 6.65	\$ 16.35	\$ 39.75	\$ 117.00	\$ 104.00/lb	\$ 86.68/lb
2435 Suyo Long	\$ 2.95	\$ 5.80	\$ 12.25	\$ 33.00	\$ 97.00	\$ 92.00/lb	\$ 86.68/lb

CUCUMBER SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2438 DMR 401	\$ 2.95	\$ 4.00	\$ 8.00	\$ 19.00	\$ 13.60/M	\$ 11.00/M
new 2437 Shintokiwa	\$ 2.95	\$ 4.50	\$ 9.00	\$ 25.00	\$ 19.60/M	\$ 17.00/M

CUCUMBER SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2423 Adam F1	\$ 4.00	\$ 9.00	\$ 17.45	\$ 55.00	\$ 54.00/M	\$ 50.00/M
2436 Green 18 F1 - Limited availability in 2021	\$ 4.10	\$ 9.50	\$ 30.45	\$ 89.75	\$ 80.60/M	\$ 73.40/M
2431 Kalunga F1	\$ 15.30	\$ 58.00	\$ 250.00	\$ 770.00	\$ 700.00/M	\$ 650.00/M
2419 Manny F1	\$ 4.10	\$ 9.50	\$ 29.60	\$ 89.75	\$ 85.00/M	\$ 73.40/M
2429 Minime F1	\$ 4.10	\$ 9.50	\$ 30.45	\$ 89.75	\$ 80.60/M	\$ 73.40/M
2426 Paraiso F1	\$ 8.00	\$ 23.50	\$ 85.00	\$ 280.00	\$ 260.00/M	\$ 244.80/M
2432 Picolino F1	\$ 8.50	\$ 26.00	\$ 99.00	\$ 325.00	\$ 290.00/M	\$ 260.00/M
2421 Socrates F1	\$ 8.95	\$ 34.75	\$ 140.00	\$ 388.00	\$ 320.00/M	\$ 288.40/M
2433 Tasty Green F1	\$ 2.95	\$ 4.10	\$ 13.25	\$ 41.80	\$ 35.70/M	\$ 32.60/M
2428 Tyria F1	\$ 11.50	\$ 53.00	\$ 235.00	\$ 745.00	\$ 720.00/M	\$ 632.00/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Eggplant

Solanum melongena

Jennifer, Brenna, and Lizbeth show off a big haul of eggplant at Echo Creek Farm in Salem, NY.

CULTURAL INFO: Days to maturity are from transplant. A warm-season annual in the Solanaceae family including peppers, tomatoes, tomatillos, potatoes and ground cherries. Sow seeds indoors 8-12 weeks before last frost date. Optimal soil temperature for germination is 85°F. Seeds can be sown thickly in flats then planted in cell trays or containers after true leaves appear. Plant outdoors in daytime temperatures of at least 65°F and nighttime temperatures of above 50°F. Eggplants grow best between 75-85°F in deep, well-drained sandy loam with pH 6-6.5. Eggplants are very sensitive to cold temperatures, even more so than their close relatives, peppers and tomatoes. Plastic mulch and floating row cover may be used to increase soil and air temperatures, as well as ward off insects. Eggplants will tolerate dry conditions, but do best with irrigation, especially during flowering and fruit set. Harvest eggplants when skin is glossy and thumbprint will not leave an impression (over-ripe if seeds

are brown.) Regular harvest increases production of fruit. Store at 50-55°F with 90% relative humidity. Will keep quality for up to one week.

DISEASE & PESTS: White mold (*Sclerotinia sclerotiorum*), typically found in areas of poor drainage, produces water-soaked lesions on the fruit and causes rotting of the stem. Prevention includes increasing plant spacing to promote good air flow and improving the soil's capacity to absorb water. Frequent scouting for Colorado Potato Beetles is recommended as both adults and larvae can quickly defoliate plants. Row cover can be used to avoid insect pests.

SEED SPECS: 5.5-7.5M (6.5M avg) seeds/oz. M=1000. **1/64 oz approx. 100 seeds.** Transplants: 12-18" apart in rows 18-30" apart, or in 2 rows 24" apart on plastic mulched beds. Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

ASIAN

2466 Little Finger 60 days

OP • Early • Productive • Great for containers • 3-6" fruit

Slender, petite eggplants fantastic for grilling. Dark purple skin is thin and tender. Flesh has a silky texture with few seeds and mildly sweet flavor needing very little cooking time. Harvest when fruit is young and glossy.

new 2476 Shikou F1 60 days

HYBRID • Asian type • Tender skin • 6-10" fruit

Glossy, deep purple fruits on productive, semi-spineless plants with upright, open habit. Ten days earlier than Ping Tung Long, fruits have bright, white interior flesh with a purple calyx—making for a striking contrast when sliced—and very few seeds inside. Plants are productive and highly ornamental, a beautiful addition to the garden. The first organic, hybrid, Asian-type eggplant on the market, the semi-spineless plants are robust and prolific, producing tender-skinned fruits that do not get bitter and never need to be peeled. From our partners at Sakata Seeds.

2467 Ping Tung Long 70 days

HEIRLOOM • Compact habit • Excellent for containers • 12-14" fruit

Easy-to-grow Asian eggplants are long and slender with tender magenta skin. Productive plants yield up to 20 fruits each and are vigorous and stress tolerant. Slim fruits average 1-2" wide. No peeling required.



Little Finger



Shikou F1



Ping Tung Long



Michal F1

CLASSIC ITALIAN

2468 Michal F1 60-70 days

HYBRID • Parthenocarpic • Greenhouse or field • 7.5" fruit

This vigorous hybrid produces early and often, offering firm fruits with an excellent shelf life. Hardy, parthenocarpic plants are perfect for greenhouse production but also perform well in the field. Uniform, classically shaped fruits have good flavor and very few seeds. Dark black skin and firm flesh—great for eggplant parmesan. From Genesis Seeds.

2470 Black Beauty 65 days

OP • Productive • Classic shape • 5-6" fruit

Classic Italian eggplant with high yields and no spines. Blocky, nearly black bell-shaped fruits have a slight signature ribbing. Medium to thick skin is deep purple and glossy when mature. Compact plants benefit from staking to support heavy yields of large fruit.

2471 Diamond 70 days

OP • Good short season variety • Highly productive • 6-8" fruit

A standout as a very prolific early producer; yields as well as hybrids in our trials. Slender, attractive, dark purple fruit hang in clusters for easy picking. Fruit has mild flavor with no bitterness and a fine, creamy texture. Great choice for eggplants in a short season or for those looking for a high-quality open-pollinated variety for commercial production.



Black Beauty



Diamond



2473 Traviata F1 80 days

HYBRID • Greenhouse or field production • Uniform • 7" fruit

Italian eggplant with high yields of extremely uniform fruits. Dark purple skin has a healthy shine when ripe and no spines. Fruit is abundant, setting regularly throughout the season. Plants are upright, sturdy, and very uniform. Bred by Vitalis Organic Seeds.

SPECIALTY

2465 Piccolo F1 60-70 days

HYBRID • Parthenocarpic • Greenhouse or field • 3-4" fruit

Adorable miniature fruits are beautifully variegated with bright purple skin and delicate white stripes. Vigorous, parthenocarpic plants produce impressive yields over a long season. Slightly oval-shaped fruits are easy to slice and grill and are the perfect size for stuffing. Excellent shelf-life and a unique addition to market displays. From Genesis Seeds.

2475 Rosa Bianca 73 days

HEIRLOOM • Gourmet appeal • 4-6" fruit

A lovely Sicilian variety with light pink fruit streaked with white and violet. Plump, rounded fruits have mild, creamy taste adored by chefs; no bitterness and few seeds. Does best in areas with warm nights like states located in the southeast and southwest and can have lower yields in extreme northern regions like northern Vermont or Quebec.

2477 Annina F1 75-80 days

HYBRID • Spineless • Greenhouse or field • 5-7" fruit

Prolific yields of lovely striped fruit on upright, spineless plants. Performs just as you would expect a hybrid to, but with the aesthetic and flavor of the most cherished heirloom. Glossy, teardrop shaped fruits are uniform and gorgeous with bright green calyxes. An excellent producer both in the field and in the greenhouse, offering great versatility in production.

2474 Listada di Gandia 85 days

OP • Gourmet appeal • 3-5" fruit

Stunning magenta-striped Italian eggplant for a beautiful display. Very productive plants produce abundant tender, delicious fruits with unusually thin skin. Egg-shaped petite fruits fit in the palm of your hand and are great for smaller portions. Holds its color even at large sizes.

EGGPLANT SEED - OPEN-POLINATED - SOLD BY SEED WEIGHT

	1/64 oz	1/16 oz	1/4 oz	1 oz	4 oz
2470 Black Beauty	\$ 2.95	\$ 4.10	\$ 8.45	\$ 20.40	\$ 57.85
2471 Diamond	\$ 2.95	\$ 7.00	\$ 15.00	\$ 48.00	\$ 150.00
2474 Listada diGandia	\$ 2.95	\$ 6.80	\$ 15.00	\$ 35.00	\$ 125.00
2466 Little Finger	\$ 3.85	\$ 12.75	\$ 26.75	\$ 70.00	\$ 225.00
2467 Ping Tung Long	\$ 2.95	\$ 10.25	\$ 24.00	\$ 56.00	\$ 180.00
2475 Rosa Bianca	\$ 2.95	\$ 8.10	\$ 12.00	\$ 35.00	\$ 120.00

EGGPLANT SEED - HYBRID - SOLD BY SEED COUNT

	10	50	100	250	1 M
2477 Annina F1	\$ 7.50	\$ 18.00	\$ 25.00	\$ 55.00	\$ 175.00
2468 Michal F1	\$ 6.10	\$ 12.60	\$ 18.70	\$ 35.00	\$ 95.00
2465 Piccolo F1	\$ 6.10	\$ 12.60	\$ 19.55	\$ 29.00	\$ 95.00
new 2476 Shikou F1	\$ 3.50	\$ 8.00	\$ 11.50	\$ 18.00	\$ 55.00
2473 Traviata F1	\$ 6.25	\$ 14.00	\$ 22.00	\$ 32.00	\$ 100.00

Larger volumes available; please call for pricing.

Stories of RESILIENCE



Abigail Shaw is a flower grower in Northern Florida. Her young business experienced unexpected challenges when the pandemic hit. As the country began to quarantine, Abigail saw the opportunity to build the essential networks she once had in person, online. Moving sales and ordering into the virtual realm has given Abigail some new ideas for how her flower farm can have a bigger impact.

“I want Izzie's Flowers to be more than a small farm that produces flowers. I want to make it a virtual community that helps other young people and entrepreneurs get on their way to making a difference in the world.”

To Abigail, hope is a seed, and where seeds are sown, dreams can grow. “Seeds mean the beginning of something beautiful. In the flower world, when you plant a seed, there's hope that it's going to become a beautiful plant with blooms. Just like plants, dreams all start with a seed and, if nurtured and cared for, they will grow into something beautiful. Everything in life begins with a seed.”

Fennel

Foeniculum vulgare

Chelsey and Jason of Bejo Seeds evaluate fennel bulbs for size and uniformity during an open field days.

CULTURAL INFO: Days to maturity are from transplants. Fennel is a hardy annual. Cool weather, fertilization and irrigation produce the largest and sweetest bulbs. Direct seed fennel mid-spring through late summer or start transplants 4-5 weeks before planting date. Plant outdoors after danger of hard frost has passed. Bolting can result from disturbing the roots. Remove all seed stalks to preserve quality. Harvest bulbs at 3-4" in diameter. Greens will hold quality for a week and bulbs will store for many months; remove stalks and wrap bulbs separately in plastic. Store in cooler as close to freezing as possible.

DISEASE & PESTS: Fungal leaf blights caused by *Alternaria dauci* or *Cercospora carotae* can cause severe defoliation and greatly reduce yields. Generally, cercospora blight

appears earlier in the season than alternaria blight. Both these fungi can be seed borne but can also be spread by crop residue from previous years. White mold (*Sclerotinia sclerotiorum*) manifests as a cottony, white mycelium around roots and lower plant parts, usually late in the season. Avoid planting in areas that are shady or have poor drainage and practice crop rotations with non-vegetable crops.

SEED SPECS: 5.3-7.5M (6.4M avg) seeds/oz, 85-120M (102M avg) seeds/lb. M=1,000. 1/32 oz approx. 200 seeds. Direct seeding rate: 6 seeds/foot, thin to 6" apart in rows 12-24" apart. Transplants: 6" apart in rows 12-24" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

2479 Solaris F1 45 days baby, 75 days full size

HYBRID • Uniform baby bulbs • 3-4" bulbs

Our earliest fennel with excellent bulbing. Stout, heavy bulbs grow to an impressive size crowned by feathery foliage. Juicy texture without woodiness or dryness; pleasant anise flavor. A standout variety for all seasonal slots and an excellent choice for baby fennel. Our growers in the Pacific Northwest say Solaris F1 holds better than other varieties for later season sales. From our partners at Bejo Seeds.

2478 Preludio F1 45 days baby, 75 days full size

HYBRID • Bolt resistant • 4" bulbs

Very early, heavy bulbs with superb flavor—a major improvement in hybrid fennel. This variety stood out in our trials with its lightly sweet flavor, uniformity and ability to hold in the field without bolting. Upright plants are easy to harvest. Early variety recommended for spring and summer harvest with good fall performance as well. From our partners at Vitalis Organic Seeds.

2484 Finale 50 days baby, 80 days full size

OP • Bolt resistant • 4" bulbs

Vigorous plants were a hit in our trials, producing huge juicy bulbs. Very large, uniform bulbs with slightly flattened shape. Finale stores well, keeping good quality and maintaining a crisp, juicy texture and pleasant flavor. Excellent bolt resistance.

2481 Orion F1 52 days baby, 82 days full size

HYBRID • Bolt resistant • 3-4" bulbs

Large, uniform rounded bulbs with high yield potential. Heavy bulbs that hold well in the field with good tolerance to tip burn and bolting. An extremely reliable producer across a variety of conditions with strong late season vigor for baby bulbs in the fall.



Solaris F1



Preludio F1



Finale



Orion F1

HOPE
IS A SEED

“Creating beautiful edible spaces is an act of self love. —Aja, gardener from Indiana”

FENNEL SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1 oz	1/2 lb	1 lb
2484 Finale	\$ 2.95	\$ 9.70	\$ 34.16	\$ 165.00	\$ 285.00
FENNEL SEED - HYBRID - SOLD BY SEED COUNT					
	25	500	1 M	5 M	25 M
2481 Orion F1	\$ 2.95	\$ 15.75	\$ 25.00	\$ 23.00/M	\$ 21.00/M
2478 Preludio F1	\$ 2.95	\$ 10.95	\$ 18.50	\$ 17.00/M	\$ 14.60/M
2479 Solaris F1	\$ 2.95	\$ 20.00	\$ 32.00	\$ 29.00/M	\$ 25.00/M

Larger volumes available; please call for pricing.

Your Source for 100% Certified Organic, Non-GMO Project Verified Seeds

Garlic

Allium sativum

Molly and June harvesting garlic scapes.

CULTURAL INFO: Garlic is propagated asexually from the previous year's crop. Individual cloves are planted, each producing one plant (one bulb). Garlic grows best in full sun and sandy clay loam with high organic matter and pH 6.5. Plant garlic in fall 4-6 weeks before the ground freezes. Separate cloves before planting, then plant root ends down, 4-6" apart. Larger cloves produce larger bulbs; smaller cloves can be densely planted for garlic greens. Fertilize with compost or a 1-2-2 NPK fertilizer. Garlic may be planted into beds with plastic mulch or mulched heavily with straw. Side-dress with compost in spring when plants are 8" tall. Do not fertilize later, as it may decrease bulb size. Garlic is easy to grow, but is susceptible to several diseases including basal rot, white rot, botrytis rot and penicillium decay. Use best management practices and plant only disease-free seed. Hardnecks produce edible flower stalks called scapes that are also marketable; cutting them as they appear can result in larger bulbs. Harvest garlic in midsummer when the lower half of the leaves begin to dry down. Loosen soil and lift with a fork; handle gently and keep

bulbs dry after harvest. Cure in a dry area out of direct sunlight for 2-3 weeks, then braid softnecks or lop off hardneck tops 1" above the bulb and trim roots. Store at 35-50°F, moderate humidity of 65-70% with good air circulation. Hardnecks keep about 5-8 months; softnecks usually keep longer.

SEED SPECS: Softneck, Silverskin-type, 12-20 cloves/bulb. Softneck, Artichoke-type, 12-18 cloves/bulb. Hardneck, Porcelain-type 4-6 cloves/bulb. Hardneck, Rocambole-type, 6-12 cloves/bulb. **1 lb approx. 8 bulbs.** Rates: 2 cloves/foot, 200 cloves/100', 58M cloves/acre using 6" spacing in rows 18" apart. M=1,000. Cloves per bulb and bulbs per pound can vary based on variety.

PLEASE NOTE: Garlic will begin shipping on or before October 15th, 2021.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

HARDNECK

86400 Chesnok Red

HEIRLOOM • Purple Stripe type • 9-12 cloves

Easy to peel, long cloves with beautiful purple stripes and mild heat. Very large, violet bulbs with mild, creamy flavor when cooked. Well adapted to different regions and tolerates cold winters; best planted in early fall. Stores 6-7 months. From the Republic of Georgia.

86750 Georgian Crystal

OP • Porcelain type • 4-6 cloves

Magnificent large-bulb porcelain-type adaptable to many climates. Does well in many areas of the South. When raw, somewhat mellower than many others with a crisp garlic flavor that holds well during cooking. Very cold tolerant with large, tightly wrapped bulbs that can make for huge heads if well fertilized. Plants are so vigorous and eye-catching, you'll want to plant close to the road.

86150 Killarney Red

OP • Rocambole type • 6-10 cloves

High-yielding variety with excellent, strong, nutty flavor. Similar to Spanish Roja or German Red with superior performance in cool, wet conditions. Thin mahogany bulb wrappers are easily peeled. Among the highest yielding Rocamboles.

86300 Music

OP • Porcelain type • 4-6 cloves

A large, beautiful variety that is easy to grow. Extremely high yielding, with vigorous plants and very large, tightly-wrapped bulbs. Slightly spicy flavor is hot raw and sweet roasted. Vigorous with long roots, it can overwinter without heaving. Very cold tolerant. Stores 9-12 months. Originally from Italy.

86700 Spanish Roja

HEIRLOOM • Rocambole type • 6-10 cloves

Loved by chefs for its seductive depth of flavor and ease of peeling. Flavor is strong but not overly spicy. Thin bulb wrappers are easy to peel. Needs a cold winter; not suitable for Southern climates. Brought to the Portland, Oregon area before 1900. Stores 4-6 months.

86550 Zemo

OP • Porcelain type • 4-6 cloves

Large, creamy white cloves with pink tinting and spicy flavor. Large bulbs have high alliin content and medium heat; excellent raw. Late maturing variety that stores up to 5 months. Similar to German White; prefers a cold winter. Originally from the Republic of Georgia.



Chesnok Red



Georgian Crystal



Killarney Red



Music



Spanish Roja



Zemo

SOFTNECK

86100 **Inchelium Red**

HEIRLOOM • Artichoke type • 8-20 cloves

Large, vigorous bulbs with soft, deep flavor and excellent storage quality. This widely-grown softneck was originally saved by an indigenous community in Washington state and further cultivated by Larry Geno on the Colville Indian Reservation. These flattened, dense bulbs can get as big as 3" across and tout a thick, protective skin. The robust flavor develops an added kick in storage.

86250 **Lorz Italian**

HEIRLOOM • Artichoke type • 12-20 cloves

Large, robust cloves with hot, spicy flavor. Big, flat-round bulbs have easy-to-peel skins and are excellent roasted with stronger, better flavor than other Artichoke types. Tolerates summer heat well. Brought from Italy to Washington State around 1850.

86600 **Nootka Rose**

HEIRLOOM • Silverskin type • 12-18 cloves

Beautiful bright skin and rose-streaked cloves with rich, warm flavor. Late maturing but well worth the wait with exceptional aroma and long storage potential. Gorgeous medium to large heads with strong flavor; ideal for braiding. Originally from the San Juan Islands off the coast of Washington. Stores 9-12 months.

86450 **Silver White**

OP • Silverskin type • 12-20 cloves

High yields of large, mild-flavored bulbs. Popular softneck for braiding, often seen in grocery stores. Bright white skin and large cloves with storage up to 12 months. Productive in cold, hot and humid climates. Originally from Harmony Farm Supply in California.



Inchelium Red



Lorz Italian



Nootka Rose



Silver White

GARLIC - SOLD BY SEED WEIGHT

	1 lb	5 lb	20 lb*
86400 Chesnok Red	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86750 Georgian Crystal	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86100 Inchelium Red	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86150 Killamey Red	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86250 Lorz Italian	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86300 Music	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86600 Nootka Rose	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86450 Silver White	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86700 Spanish Roja	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb
86550 Zemo	\$ 27.00	\$ 24.00/lb	\$ 22.50/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

GARLIC



Stories of RESILIENCE



Gabrielle Perez is a 21-year-old climate activist and senior at Fordham University majoring in Environmental Studies with a minor in Economics. She's been busy in college, working for nonprofits, running social mission clubs through Fordham University and using her creative talents to raise money for organizations doing social justice and urban growing work in New York City.

Gabrielle understands the importance of funding programs that help those in need. Using some of her entrepreneurial instincts, she has been able to raise money for organizations contributing to the spread of food and agricultural access around the city. "Through our social mission club at school, we raise money and donate it to food justice organizations throughout NYC. Over the years, with the on-campus pop-up thrift store we started and through holding other events, we have been able to raise over \$2,000 for a local non-profit called Green Bronx Machine that works with elementary schools to educate students about the importance of healthy eating, how to grow their own veggies and also runs the Food for Others Garden that children learn and grow in."

“I am hopeful about our food system because I know more and more people are becoming aware of its destructive reality and are making changes to combat it.”

Gabrielle and those of her generation who have chosen hope and action over cynicism and indifference represent our possible future. As our youth bravely envision a prosperous, just and green world, we are tasked with doing everything in our power to support their momentum through hearts and minds opened to change.

Greens, Asian & Mustard

Brassica spp.

Monique and Taylor in the trials field with some freshly harvested Bopak Fl.

CULTURAL INFO: Days to maturity are from direct seeding. Asian and mustard greens are cold-hardy annuals that can be sown from early spring to late summer. Commonly grown as baby leaf for salad mixes in the U.S. and traditionally as full size leaves for ethnic cuisine, stir-fries or pickling. Direct seed as soon as soil can be worked. Sow every 1-3 weeks for a continuous harvest. For baby leaf, harvest when leaves are ~5" tall by cutting 1" from ground or pick

individual leaves for cut-and-come-again. Harvest full size leaves as desired. Flea beetle feeding can be prevented by using floating row cover immediately after planting.

SEED SPECS: Please visit our website for individual variety seed specs.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

GREENS



Komatsuna



Mizuna



Purple Mizuna



Tokyo Bekana



Vitamin Green



Tat Soi



Vivid Choi Pak Choi



(L to R) Tokyo Bekana, Vivid Choi, Komatsuna and Yukina Savoy

ASIAN GREENS - *B. rapa*

2489 **Komatsuna** 21 days baby, 40 full size

OP • Versatile • Heat tolerant

Heat-tolerant green with dark green, glossy leaves and white, juicy midribs. Harvest at any stage and use in salads, as braising greens, boiled or pickled. Flavor grows stronger as plants mature. A turnip relative grown almost exclusively in Japan, Taiwan and Korea before its introduction to U.S. specialty markets. 12.5M seeds/oz.

2490 **Mizuna** 21 days baby, 40 full size

OP • Cut-and-come-again • Versatile • Slow to bolt

Bright green, deeply serrated leaves with mildly spicy flavor; an essential in salad mixes. A mild Japanese green with slender white stems and bright green leaves. Mild in flavor, this variety is good for stir-fries, salads, sandwiches and soups. Harvest outer leaves or the whole plant at any stage. 13M seeds/oz.

2491 **Purple Mizuna** 21 days baby, 40 full size

OP • Cut-and-come-again • Slow to bolt • Mild with color

Attractive purple-veined leaves are sharply serrated with mild flavor. Color is most pronounced in late summer harvests, but adds a distinctive look to salad mixes even at baby sizes. Leaves are more deeply serrated than Mizuna. Mild mustard flavor. 13M seeds/oz.

2501 **Tokyo Bekana** 21 days baby, 40 full size

OP • Cut-and-come-again • Excellent for salad mix • Mild flavor

Lime green leaves have gently ruffled edges and a white midrib. A lettuce-mustard green resembling Black Seeded Simpson; an excellent baby green for adding loft and weight to mixes. Planted at 4-6" spacing, this variety will grow into an attractive bunching green with solid white midribs and an exceptionally tender leaf texture. 10M seeds/oz.

2502 **Vitamin Green** 21 days baby, 40 full size

OP • Glossy, cupped leaves • Ideal winter crop

Glossy, dark green leaves atop slender, light green stems. Faster growth rate and more upright habit than Tat Soi. Leaves have an attractive cupped shape and are less savoyed than Yukina Savoy. Tolerant of heat and cold; excellent winter green for unheated tunnels. 12M seeds/oz.

2510 **Tat Soi** 21 days baby, 45 full size

OP • Versatile • Heat tolerant

Fast growing, spoon-shaped leaves are dark green and glossy with narrow white stems. Most popular as a baby leaf for salad and braising mixes or bunched at full size. Mild flavor and tender texture. At full size, leaves form a rosette that sits close to the ground. 20M seeds/oz.

2487 **Vivid Choi Pak Choi** 21 baby, 45 full size

OP • OSSI • Versatile cold hardy green • Slow to bolt

Versatile, mild Asian green with unique, colorful stems. Serrated leaves and stems that range from pale pink to vivid pink and purple. Great for salad mixes, braising or stir-fry. Both cold hardy and slow to bolt, allowing for a long harvest window. Developed by independent farmer/breeder Frank Morton of Wild Garden Seeds. A portion of the sales of this variety is paid to the breeder. 20M seeds/oz.

2493 **Yukina Savoy** 21 days baby, 45 full size

OP • Heat tolerant • Mild flavor

Heat-tolerant alternative to Tat Soi. Forest green, spoon-shaped leaves with very mild flavor are cupped and heavily savoyed. Upright architecture for easy harvesting. Slow to bolt. 21.5M seeds/oz.

2514 **Shanghai Green Pak Choi** 21 days baby, 45 days full size

OP • Uniform shape • 5-6" tall

The best open-pollinated baby pak choi out there. Dark green, large spoon-shaped leaves with wide, light green midribs and mild flavor. Shanghai Green forms densely packed, vase-like heads. Plants can be spaced closely for baby choi, which is in demand with chefs for its tenderness and mild flavor. Originally native to China, the seed for this variety came to us through Kitazawa Seed Company. 8M seeds/oz.

2515 **White Stemmed Pak Choi** 21 days baby, 50 full size

OP • Excellent for baby leaf • Open habit

Gorgeous thick white stems and glossy green leaves. More open habit than Prize Choy and more commonly used as a baby leaf variety in salad and braising green mixes. A standard for mild brassica flavor and thick, succulent leaves. 9M seeds/oz. Limited availability in 2021

2513 **Prize Choy** 21 days baby, 50 days full size

OP • Vigorous • Slow to bolt • 15" tall

Elegant vase-like shape, medium thick white stems and smooth, mild flavor. The best open-pollinated, full-sized pak choi we have seen in our trials. Prefers cool weather, but is slow to bolt in heat. We have hand-selected our strain for uniformity, vigor and bolt resistance. For early spring or fall planting. 14M seeds/oz.

new 2488 **Bopak F1 Pak Choi** 42 days small head, 60 full size

HYBRID • AAS Winner • Excellent storage • Compact habit • 15-18" tall

Compact plants hosting densely growing, brilliant green leaves on striking white stems. The first organic hybrid pak choi on the market and an AAS winner, plants are exceptional in form, flavor and performance, and extremely slow to bolt. Though the plants are compact in habit, they are weighty. Leaves are smooth and uniform and plants can be harvested as small heads for a quick growing green. A showstopper in our trials fields, this beautiful pak choi can grow to massive size when left in the field. From Bejo Seeds.

MUSTARD GREENS - *B. juncea*

1750 **Red Lace** 20 days baby

OP • Essential salad leaf • Spicy flavor • Great for baby leaf

Elegant mustard with lacey frills of reddish-purple leaves. These delicate but sturdy mustard leaves are aromatic and flavorful, serving as a beautiful purple accent in a microgreens mix and excellent when harvested at baby leaf size. The leaves introduce loft to salads. Their elaborate leaf structure sheds water, which prevents leaves from sticking to other leaves post-harvest. From our friends at CN Seeds. A portion of the sales of this variety is paid to the breeder. 20M seeds/oz.

2486 **Garnet Giant** 21 days baby

OP • Essential salad leaf • Spicy mustard flavor

Stunning, vibrant maroon leaves with bright lime green stems. A must-have for any baby mustard mix. Color fades under row cover (or any low-light condition), but returns within a few days of plants being uncovered. Flowers are tender and sweet in stir-fries. An ancient variety first cultivated for seed in northwest Asia and brought to us by Kitazawa Seed Company in California. 16M seeds/oz.

2506 **Ruby Streaks** 20 days baby, 45 full size

OP • Essential salad leaf • Spicy flavor

Deeply lobed, lacy baby leaves with deep purple highlights. Green leaves with purple veining add loft, spice and rosy elegance to any salad plate or stir-fry. Color is darkest when sown summer through fall. Mix with Golden Frill for a gorgeous display. 20M seeds/oz.

2498 **Golden Frill** 21 days baby, 45 full size

OP • Essential salad leaf • Very slow to bolt • Spicy flavor

Lacy-looking leaves are vibrant light green, finely cut and frilly. Neon green, deeply-cut and serrated leaves add loft, contrast and spicy mustard flavor to signature salad mixes. Bunch at full size for braising greens or use as garnish. Very slow to bolt. 17M seeds/oz.

2485 **Green Wave** 21 days baby, 45 full size

OP • High yielding • Extremely slow to bolt • Medium spicy flavor

Bright lime green, ruffled leaves add great contrast to salad mixes. A reliable work-horse mustard with beautiful color and spicy flavor that mellows when cooked. At baby stage, leaves are flat with softly serrated edges. At full size, leaves become heavily serrated and frilly. 13.5M seeds/oz.

new 2504 **Red Carpet** 21 days baby, 45 full size

OP • Essential salad leaf • Deep red color • Mild spicy flavor

Green stems and red leaves, a refreshing, mildly spiced mustard green with beautiful, plume-edged foliage. Excellent variety for microgreen, baby leaf and mature leaf production, as the red coloring is exhibited prominently on both sides of the leaf at all stages of growth. The mild flavor allows it to be included in salads and in other raw preparations, imparting a sweetness and moderate spice. The delicate appearance of the leaves is protected by the sturdy growth habit of the plants. From our partners at CN Seeds. A portion of the sales of this variety is paid to the breeder. 20M seeds/oz.



Mizuna



Purple Mizuna



Vivid Choi



Komatsuna



Tokyo Bekana



Tat Soi



Yukina



White Stemmed



Vitamin Green



Shanghai Green



Yukina Savoy



Shanghai Green Pak Choi



White Stemmed Pak Choi



Prize Choy



Bopak F1 Pak Choi



Red Giant Green Wave Red Carpet Garnet Giant Golden Wasabina Frill Red Lace Ruby Streaks



Ruby Streaks



Golden Frill



Green Wave



Red Carpet



Red Giant



Wasabina

2505 **Red Giant** 23 days baby, 45 full size

OP • Essential salad leaf • Spicy flavor

Baby greens have bright emerald leaves with stunning, deep purple veins. Full size plants are incredibly beautiful with a full whorl of burgundy leaves. Mild when baby; spicy flavor increases with maturity. Use full-sized leaves for stir-fries, soups and pickling. 18M seeds/oz.

2503 **Wasabina** 23 days baby, 45 full size

OP • Spicy wasabi flavor • Slow to bolt • Cold tolerant • Essential salad leaf

Beautiful, light green frills with sweet and spicy, wasabi flavor. At both baby leaf and full size, the leaves have enjoyable texture and remain tender, complementing their dynamic and unique flavor. Extremely cold tolerant, the plants are also slow to bolt and the serrated leaves remain upright and beautifully green throughout the growing season. 18.5M seeds/oz.

GREENS - ASIAN & MUSTARD - OP - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2486 Garnet Giant Mustard Greens	\$ 2.95	\$ 4.10	\$ 7.00	\$ 14.70	\$ 38.00	\$ 62.00	\$ 56.00/lb	
2485 Green Wave Mustard Greens	\$ 2.95	\$ 3.50	\$ 5.25	\$ 15.00	\$ 40.00	\$ 70.00	\$ 60.00/lb	
2489 Komatsuna Asian Greens	\$ 2.95	\$ 4.30	\$ 7.10	\$ 12.85	\$ 40.25	\$ 74.00	\$ 66.00/lb	
2490 Mizuna Asian Greens	\$ 2.95	\$ 3.55	\$ 4.25	\$ 9.00	\$ 21.75	\$ 38.00	\$ 35.00/lb	\$ 31.40/lb
2513 Prize Choy Pak Choi Asian Greens	\$ 2.95	\$ 3.50	\$ 5.50	\$ 20.00	\$ 45.00	\$ 80.00	\$ 70.00/lb	
2491 Purple Mizuna Asian Greens	\$ 2.95	\$ 5.00	\$ 6.30	\$ 20.00	\$ 48.00	\$ 75.00	\$ 65.00/lb	
new 2504 Red Carpet Mustard Greens	\$ 2.95	\$ 3.25	\$ 4.00	\$ 7.00	\$ 15.00	\$ 25.00	\$ 21.00/lb	\$ 17.00/lb
2505 Red Giant Mustard Greens	\$ 2.95	\$ 3.50	\$ 5.50	\$ 15.00	\$ 45.00	\$ 75.00	\$ 61.00/lb	
1750 Red Lace Mustard Greens	\$ 2.95	\$ 3.50	\$ 4.65	\$ 7.00	\$ 14.00	\$ 22.00	\$ 18.00/lb	
2506 Ruby Streaks Mustard Greens	\$ 2.95	\$ 3.20	\$ 4.75	\$ 15.00	\$ 40.00	\$ 64.00	\$ 57.00/lb	
2514 Shanghai Green Pak Choi	\$ 2.95	\$ 4.50	\$ 7.25	\$ 16.95	\$ 48.00	\$ 82.00	\$ 72.00/lb	
2510 Tat Soi Asian Greens	\$ 2.95	\$ 3.00	\$ 5.00	\$ 10.60	\$ 25.00	\$ 36.75	\$ 33.60/lb	
2501 Tokyo Bekana Asian Greens	\$ 2.95	\$ 3.50	\$ 5.00	\$ 12.00	\$ 35.00	\$ 55.00	\$ 33.00/lb	
2502 Vitamin Green Asian Greens	\$ 2.95	\$ 7.00	\$ 10.00	\$ 25.00	\$ 75.00	\$ 110.00	\$ 90.00/lb	
2487 Vivid Choi Pak Choi Asian Greens	\$ 2.95	\$ 5.30	\$ 8.00	\$ 21.25	\$ 51.25	\$ 92.00	\$ 87.50/lb	
2503 Wasabina Mustard Greens	\$ 2.95	\$ 4.00	\$ 7.00	\$ 11.00	\$ 33.00	\$ 55.00	\$ 48.00/lb	
2515 White Stemmed Pak Choi Asian Greens	\$ 2.95	\$ 3.45	\$ 4.25	\$ 10.00	\$ 18.00	\$ 30.00	\$ 26.00/lb	
2493 Yukina Savoy Asian Greens	\$ 2.95	\$ 4.75	\$ 6.00	\$ 18.00	\$ 46.00	\$ 76.00	\$ 70.00/lb	

GREENS - ASIAN & MUSTARD - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
new 2488 Bopak FI Pak Choi	\$ 2.95	\$ 9.00	\$ 12.00	\$ 10.20/M	\$ 8.60/M	\$ 7.25/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Greens, Specialty

Michael using a quick cut greens harvester on a new bed of Astro Arugula at Echo Creek Farm in Salem, NY.

CULTURAL INFO: Days to maturity are from direct seeding. Specialty greens are a broad category of leafy plants, many of which are cold hardy and fast growing. Crops in this group are gaining popularity due to their ease of culture and unique flavors and colors.

RESISTANCE KEY: IR-Intermediate Resistance, **DM-Downy Mildew**

Please see Planting Chart on page 111 or visit our website for more info or seed specs.



Garnet Red Amaranth

AMARANTH - *Amaranthus tricolor*

1760 **Garnet Red Amaranth** 50 days salad size

OP • Easy to grow • Edible and ornamental

Beautiful fuchsia-colored greens with delicious, earthy flavor and light texture.

This dynamic green is perfect for microgreens, salad greens, and as a cut flower. As an edible green, the leaves are tender and striking with colors unlike most other specialty greens. The flavor is mild and perfect for pairing with other fresh and cooking greens or combined in a sauté. This versatile plant is sure to become a favorite for its outstanding taste and style. 37M seeds/oz.

ARUGULA, SALAD - *Eruca sativa*

2010 **Astro** 21 days baby, 40 full size

OP • Heat and cold tolerant

The commercial standard with long, green leaves and characteristic mildly spicy flavor. Germinates quickly and tolerates cold and hot temperatures well. Our strain has a mix of "cut" and "strap" leaf shapes when grown as baby leaf. Performs well as a cut-and-come-again crop. 13M seeds/oz.

2013 **Esmee** 21 days baby, 40 full size

OP • Cold tolerant • Upright habit

Beautiful, fine leaves are incised with rounded, oak-leaf shape. A wonderful flavor that is more nutty than spicy sets Esmee apart from other arugulas. Deeply lobed leaves are upright, lofty and the darkest green of all our arugulas. Good for either bunching or bagging. Quick growing and very cold tolerant. From our partners at DeBolster Organic Seeds. 18M seeds/oz.

2005 **Uber** 21 days baby, 40 full size

OP • Serrated leaves • Erect plant habit for easy harvesting

Dark green serrated leaves with upright growth habit that contributes to easy harvesting. A good replacement for Surrey, this variety offers a similar leaf shape with improved flavor. Upright growth habit can be cut mechanically. Leaves are smaller, more uniform and refined than Esmee. Early like Surrey, these beautiful leaves look elegant on a plate. From our partners at CN Seeds. A portion of the sales of this variety is paid to the breeder. 12M seeds/oz.

ARUGULA, WILD - *Diplotaxis tenuifolia*

1947 **Bellezia** 28 days baby, 50 full size

OP • UP • IR: DM • Striking dark green leaves

Elegant leaves with a striking, dark green color and favorable uniformity. This beautiful arugula is tender with a lovely spice. The highly serrated leaves give this variety its elevated charm and the outstanding uniformity makes for excellent selling quality. Plants have a strong field tolerance to downy mildew and excellent storage life. From our friends at Vitalis Seeds. 92M seeds/oz.

2011 **Sylvetta Wild** 50 days

OP • Great winter crop • Heat and cold tolerant

Also known as roquette, this wild arugula relative has a fiery pungency. More heat tolerant and much more cold tolerant than standard arugula, but grows much more slowly and attains only half the height. Its distinct look is considered an essential component of gourmet winter greens mixes. 108M seeds/oz.

BEEF GREENS - *Beta vulgaris*

2290 **Early Wonder Tall Top** 35 days baby leaf, 45 full size leaf

OP • Early greens • Excellent baby beet

A sure crop for early spring greens and roots. Quick-growing, arching tops are perfect for early beet greens, while roots size up quickly for bunched baby beets. Also a great full size beet with vibrant tops. Similar quality to Detroit Dark Red for early season crops.

2260 **Bull's Blood** 35 days baby leaf, 50 full size leaf

HEIRLOOM • Deep purple leaf for salad mix • Baby beet

Striking, dark red-purple leaves provide incredible contrast in salad mixes. Eliot Coleman's choice for a red leaf in winter greens mixes. Roots are also tasty and tender when harvested early as baby beets. Tolerant of heat and cold. Color intensifies as plants mature.

CHICORY

new 2006 **Benefine Frisée** 48 full size

OP • Très Fine Maraîchère Frisée-type • Spring/summer production • Slow to bolt

Exquisite heads of deeply cut leaves with self-blanching, creamy hearts. A beautiful frisée-type chicory with excellent resistance to tip burn and good bolt tolerance. Plants grow in gorgeous, thin heads that are highly uniform and self-blanching in the heart to reveal tender, sweet leaves that are perfect for salads and other raw preparations. From our partners at Vitalis Seeds. Available as pelleted seed. *Cichorium endivia*

new 2007 **Curlesi Endive** 52 full size

OP • Compact growth habit • Heat tolerant • Self blanching

Compact, ruffled heads with an upright growth habit and excellent self-blanching at maturity. Adaptable endive variety that has strong tip burn resistance and is slow to bolt in hot weather. Heads are beautiful with an upright growth habit, reducing exposure to bottom rot and increasing the coverage of internal leaves, leading to dense, self-blanching hearts. Plants are compact, perfect for tight spacings. From our partners at Vitalis Seeds. Available as pelleted seed. *Cichorium endivia*

new 2008 **Eliance Escarole** 50 full size

OP • Field and greenhouse • Bolt resistant • All season production

Smooth-leaved endive with upright growth habit for field or greenhouse production. Heads are smooth, uniform and elegant with long, narrow and flexible internal leaves. Grown in greenhouses for its early maturity, plants are self-bleaching with resilient bases. Excellent flavor and tenderness for gourmet salads. From our partners at Vitalis Seeds. *Cichorium endivia*



Astro Arugula



Esmee Arugula



Uber Arugula



Bellezia Arugula



Sylvetta Wild Arugula



Early Wonder Tall Top
Beet Greens



Bull's Blood Beet Greens



Benefine Frisée



Curlesi Endive



Eliance Escarole



Frissé



Virtus F1 Radicchio



Fiero F1 Radicchio



Leonardo F1 Radicchio



Claytonia



Vit Mâche



Hong Vit Radish Greens



Belle Isle Cress

1970 **Frissé Endive** 35 days baby, 60 full size

OP • Baby or full sized leaves

Frilly endive with finely cut leaves and blanched interior sprigs. A signature salad mix ingredient. Similar to Très Fine Maraîchère but a bit less frilly. Grow as a baby leaf or leaf lettuce; plant at high density or cover centers for well blanched, tender sprigs. 18M seeds/oz. *Cichorium endivia*

1987 **Virtus F1 Radicchio** 60 days

HYBRID • Sugar loaf-type • Great for all seasonal slots • Dense 8-10" heads

Lovely, dense, elongated heads that come to a slender point with a graceful flourish of curled leaves. Pale green with crisp, yellow-white interior and a sweet, mildly bitter flavor delicious in salad mix. Harvest when heads are dense and firm to the touch. Good uniformity. *Cichorium intybus*

1986 **Fiero F1 Radicchio** 85 days

HYBRID • Treviso-type • Upright 6-7" heads

Gorgeous plants with emerald green outer leaves and burgundy interiors. Burgundy inner leaves have bright white ribbing and juicy crunch for beautiful color and texture contrast in salad mixes. Plants produce upright, dense, elongated heads with mildly bitter flavor. A lovely variety that will store for several months. *Cichorium intybus*

1992 **Leonardo F1 Radicchio** 85 days

HYBRID • Chioggia-type • Round 4-5" heads

Large, perfectly round heads are intensely purple with bright white midribs. Extremely vigorous variety that strongly resists bolting and shows some resistance to tip burn. Heads average one pound each at maturity. Plant for fall and winter crops when color and flavor is best. From our partners at Bejo Seeds. *Cichorium intybus*

CLAYTONIA - *Claytonia perfoliata*

1946 **Claytonia** 40 days

OP • Frost tolerant • Crunchy, juicy texture

Beautiful, tasty and very cold-hardy salad green with succulent texture and fresh flavor. Unique round to heart-shaped leaves with tender stems and tiny, white edible flowers. Ideal for winter hoophouses; will survive frost and multiple cuttings. 47M seeds/oz.

MÂCHE - *Valerianella locusta*

1988 **Vit** 50 days

OP • Spring/fall crop • Upright habit

Vigorous winter salad leaf with delicious, nutty flavor and succulent, crisp texture. Very cold-hardy, versatile green forming attractive rosettes of glossy leaves. Excellent hoophouse crop tolerating cool, moist conditions and downy mildew. From our partners at the Swiss biodynamic seed company Sativa. 15M seeds/oz.

RADISH GREENS - *Raphanus sativus*

2496 **Hong Vit** 25 days baby, 35 full size

OP • Versatile • Upright habit

Early color in a fast-growing leaf radish with smooth, pink and red stems. Virtually hairless, lobed green leaves with a light red midrib and mild radish flavor. Ideal for microgreens or as a baby leaf in salads. Also for bunched greens with roots on, or full sized radishes. 2.6M seeds/oz.

UPLAND CRESS - *Barbarea verna*

1980 **Belle Isle** 50 days

OP • Early spring/late fall crop • Upright habit

Very dark green, deeply lobed, glossy leaves are exceptionally nutritious. Named for an island on which shipwrecked 17th-century Portuguese sailors survived the winter thanks to this little plant. Rich in Vitamin C, calcium, iron and especially Vitamin A. Best quality in cooler weather. From our friends at Wild Garden Seeds in Oregon. 11M seeds/oz.

Wondering About New Sizes?

You will notice that our weight increments on bulk seed orders have moved from 25 and 50 lb bags to 20 and 40 lb bags.

We've made this shift as a result of some changes within the shipping industry. Prior to January 1st, 2020, shipping carriers considered packages to be overweight at 70 lbs and a surcharge was applied to all shipments that surpassed that weight. As of January 1st, 2020, all packages that exceed 50 lbs are considered overweight by our shipping carriers. Our intent in implementing this shift is to keep our shipping surcharges as low as possible, saving money for you and for us.



GREENS - SPECIALTY - OP - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2010 Astro Arugula	\$ 2.95		\$ 3.75	\$ 8.25	\$ 15.25	\$ 23.00	\$ 20.60/lb	\$ 19.35/lb
1980 Belle Isle Cress	\$ 2.95	\$ 4.00	\$ 8.00	\$ 20.00	\$ 55.00	\$ 85.00		
1947 Bellezia Arugula	\$ 2.95	\$ 5.25	\$ 13.00	\$ 33.00	\$ 110.00	\$ 195.00	\$ 161.00/lb	\$ 124.00/lb
2260 Bull's Blood Beet Greens	See beet section section on p.8 for sizes and prices							
1946 Claytonia	\$ 2.95	\$ 9.00	\$ 23.00	\$ 78.00	\$ 225.00	\$ 350.00	\$ 330.00/lb	\$ 300.00/lb
2290 Early Wonder Tall Top Beet Greens	See beet section section on p.8 for sizes and prices							
2013 Esme Arugula	\$ 2.95	\$ 3.35	\$ 5.10	\$ 11.00	\$ 22.00	\$ 34.00	\$ 25.60/lb	
1970 Frissé Endive	\$ 2.95	\$ 4.20	\$ 6.00	\$ 12.60	\$ 39.90	\$ 75.60		
1760 Garnet Red Amaranth		\$ 2.95	\$ 8.00	\$ 18.00	\$ 35.00	\$ 55.00	\$ 45.00/lb	
2496 Hong Vit Radish Greens	\$ 2.95	\$ 3.25	\$ 4.00	\$ 9.00	\$ 27.00	\$ 36.00	\$ 29.00/lb	
2011 Sylvestra Wild Arugula	\$ 2.95	\$ 5.00	\$ 9.00	\$ 25.00	\$ 82.00	\$ 118.00	\$ 105.00/lb	
2005 Uber Arugula	\$ 2.95	\$ 3.50	\$ 4.50	\$ 12.00	\$ 25.00	\$ 42.00	\$ 31.00/lb	\$ 26.00/lb
1988 Vit Mache	\$ 2.95	\$ 4.90	\$ 8.50	\$ 22.00	\$ 59.00	\$ 100.00	\$ 92.00/lb	

GREENS - SPECIALTY - OP - SOLD BY SEED COUNT

	100	500	1 M	5 M	25 M
new 2006 Benefine Frisée	\$ 2.95	\$ 8.00	\$ 11.00	\$ 9.40/M	\$ 8.24/M
new 2007 Curles Endive	\$ 2.95	\$ 8.00	\$ 11.00	\$ 9.40/M	\$ 8.24/M
new 2008 Eliance Escarole	\$ 2.95	\$ 8.00	\$ 11.00	\$ 9.40/M	\$ 8.24/M

GREENS - SPECIALTY - HYBRID - SOLD BY SEED COUNT

	100	500	1 M	5 M	25 M
1986 Fiero F1 Radicchio	\$ 7.00	\$ 26.25	\$ 46.00	\$ 43.00/M	\$ 35.00/M
1992 Leonardo F1 Radicchio	\$ 6.95	\$ 29.00	\$ 47.00	\$ 44.00/M	\$ 39.40/M
1987 Virtus F1 Radicchio	\$ 7.50	\$ 31.00	\$ 58.60	\$ 51.00/M	\$ 47.80/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Greens, Salad Mixes

Taylor and Paul evaluate options for our new Kaleidoscope Mix salad mix at the High Mowing trials farm fields.

CULTURAL INFO: Days to maturity are from direct seeding. Salad mixes are moderately hardy annuals that can be sown from early spring through late summer. Best results will come from separate plantings of lettuces and brassicas as their days to maturity are not identical. Separation of these groups also allows for row cover to be used only on the brassica greens in order to control flea beetles. Direct seed as soon as soil can be worked. Sow every 1-3 weeks for a continuous harvest. Harvest when leaves are ~4" tall by cutting 1" from ground or picking individual leaves for cut-and-come-again.

SEED SPECS: Lettuce Mixes, 20-30M (25M avg) seeds/oz, 320-480M (400M avg) seeds/lb. M=1,000. **1/32 oz approx. 375 seeds.** Brassica Mixes, 15-30M (20M avg) seeds/oz, 240-480M (320 avg) seeds/lb. M=1,000. **1/32 oz approx. 600 seeds.** Beta Mixes, 1.2-2.5M (1.5M avg) seeds/oz, 20-40M (30M avg) seeds/lb. M=1,000. **1/16 oz approx. 90 seeds.** Direct seeding rate: 60 seeds/foot in a 2" band in rows 2-6" apart.

RESISTANCE KEY: HR-High Resistance, **DM-Downy Mildew**

Please see **Planting Chart** on page 111 or go to **highmowingseeds.com** for more info.

2616 Gemstone Greens Blend 21 days

OP • **HMOs EXCLUSIVE** • Colorful blend • Mildly spicy

An eye-catching, flavorful mix of deep purple and emerald green leaves. A mix of mustards with colorful red and purple stems that are as pretty on the plate as they are in the field. A mildly spicy blend for salad connoisseurs. Colors are enhanced by cooler temperatures and full sun. Can be marketed and used as a braising mix if grown to full size.

2518 Hotshot Mix 21 days

OP • **HMOs EXCLUSIVE** • Spicy blend of mustards and other favorites

Spice up your greens with this flavorful mix. A variety of spicy mustard flavors, colors and shapes. Includes our favorite spicy mustards and some secret ingredients for a signature mix with exciting diversity. Can be marketed and used as a braising mix if grown to full size.



Gemstone Greens Blend



Hotshot Mix



Kaleidoscope Mix



Mild Mustard Blend



Gourmet Lettuce Blend



DMR Salad Blend



Mesclun Mix



Red Planet Blend



Yankee Hardy Lettuce Blend



Ironman Kale Mix



Beta Blend

new 2557 Kaleidoscope Mix 21 daysOP • **HMOS EXCLUSIVE** • Vibrant colors • Mildly spicy

Bright and colorful mix of mild greens featuring a dynamic combination of textures and flavors. This beautiful selection of Asian greens and mustards is something to be seen. Chosen for colors that truly pop, the light spice of the mustards blended with the deep, savory flavors of the Asian greens create a flavor profile that's just as exciting. Excellent for baby leaf production and can be grown to full size as a braising mix.

2517 Mild Mustard Blend 21 daysOP • **HMOS EXCLUSIVE** • Our favorite mild brassicas, mustards and Asian greens

One of our most popular mixes, with a variety of mild mustards and other greens. Includes some of our favorite kales, mild flavored mustards and Asian greens for a tasty, diverse assortment. An attractive mix with contrasting leaf shapes, colors and textures. Can be marketed and used as a braising mix if grown to full size.

2615 DMR Salad Blend 28 daysOP • **HMOS EXCLUSIVE** • HR: **DM (most varieties resistant to races I-32)**

Superb downy mildew resistance in a high-quality blend. An attractive blend of DM resistant lettuces suitable for outdoor and indoor production. Features deep reds and brilliant greens including oak, romaine, lollo, and red and green leaf types. Excellent for overwintering.

2610 Gourmet Lettuce Blend 28 daysOP • **HMOS EXCLUSIVE** • Lettuces in every shape and color

A unique HMOS creation you won't find anywhere else. This tasty and attractive mix features a wide variety of lettuces including romaine, lollo, green leaf, red leaf and more. A signature blend with unique shapes and colors that chefs and gourmands will love.

2620 Mesclun Mix 28 daysOP • **HMOS EXCLUSIVE** • A complementary mix of lettuces and mustards

Our best-selling item for the home garden. Our own HMOS blend of lettuce and mustard greens. The diversity of this mix will give you a great medley of flavor and color. Mustards grow quickly, shading the soil for lettuces, creating a bountiful mix of greens suitable for cut-and-come-again harvests.

2585 Red Planet Blend 28 daysOP • **HMOS EXCLUSIVE** • Bright red to deep purple lettuces with a few green lettuces

A stunning all-lettuce mix of spectacular red hued leaves. A great blend for spring or summer. We chose our most intensely colorful varieties for a mix that tastes great and makes a statement on the plate.

2584 Yankee Hardy Lettuce Blend 28 daysOP • **HMOS EXCLUSIVE** • HR: **DM (most varieties resistant to races I-17)** • Cold hardy

A cold-tolerant, disease-resistant mix. This attractive blend of colors and leaf types creates an eye-catching, all-around pleasing mix for the garden or market. Most of these lettuces have good downy mildew resistance, essential for fall and winter plantings in regions with downy mildew pressure.

2516 Ironman Kale Mix 30 daysOP • **HMOS EXCLUSIVE** • Cold hardy • Uniform maturity

These kale varieties are ideally suited for baby leaf production, maturing at an even rate to offer a unique, textured blend. The perfect bag of greens for the health-minded consumer. Farmers market customers will love this nutrient-dense alternative to salad mix. Tender young greens can be used raw or added to juices, smoothies and stir-fries. Varieties selected to mature at an even rate and provide a variety of colors and textures. May include various Lacinato, Russian, green curly and other kale types.

2583 Beta Blend 40 daysOP • **HMOS EXCLUSIVE** • Unique • Cold hardy

The most beautiful baby leaves chosen from among our beet and chard varieties. Revolutionize the way you think about beta greens. This mix showcases them as tender and delicious with the texture of spinach and the sweetness of Russian kales. Includes red, green, white and gold stems.

GREENS - SALAD MIX - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb
2583 Beta Blend		\$ 2.95	\$ 7.45	\$ 18.25	\$ 45.00	\$ 75.00	\$ 68.20/lb
2616 Gemstone Greens Blend	\$ 2.95	\$ 4.25	\$ 7.75	\$ 15.00	\$ 47.00	\$ 78.00	\$ 70.00/lb
2610 Gourmet Lettuce Blend	\$ 2.95	\$ 5.00	\$ 9.00	\$ 19.00	\$ 60.00	\$ 86.00	\$ 80.00/lb
2518 Hotshot Mix	\$ 2.95	\$ 3.75	\$ 6.50	\$ 17.50	\$ 55.25	\$ 81.00	\$ 73.00/lb
2516 Ironman Kale Mix	\$ 2.95	\$ 3.80	\$ 6.80	\$ 17.00	\$ 40.30	\$ 66.25	\$ 59.70/lb
new 2557 Kaleidoscope Mix	\$ 2.95	\$ 3.80	\$ 6.80	\$ 17.00	\$ 40.30	\$ 66.25	\$ 59.70/lb
2620 Mesclun Mix	\$ 2.95	\$ 3.80	\$ 6.80	\$ 17.00	\$ 40.30	\$ 66.25	\$ 59.70/lb
2517 Mild Mustard Blend	\$ 2.95	\$ 3.40	\$ 5.95	\$ 21.40	\$ 52.70	\$ 80.35	\$ 71.40/lb
2585 Red Planet Lettuce Blend	\$ 2.95	\$ 5.50	\$ 10.00	\$ 22.00	\$ 68.00	\$ 125.00	\$ 105.00/lb
2584 Yankee Hardy Blend Lettuce	\$ 2.95	\$ 5.75	\$ 10.30	\$ 22.10	\$ 68.85	\$ 127.50	\$ 106.25/lb

GREENS - SALAD MIX - SOLD BY SEED COUNT

	500	5 M	25 M	50 M	100 M	500 M
2615 DMR Salad Blend	\$ 2.95	\$ 1.60/M	\$ 1.24/M	\$ 0.96/M	\$ 0.80/M	\$ 0.73/M

Larger volumes available; please call for pricing.

Greens, Sprouts



The Ancient Eastern Blend sprouting greens draining, ready to add to soups, salads and sandwiches.

CULTURAL INFO: Sprouts are tiny, immature plants grown without soil through a process of soaking and rinsing with water. Our sprouts are packed according to U.S. food safety standards.

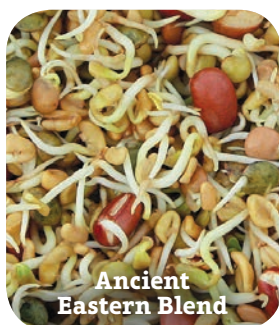
GMO POLICY: We focus on prevention of GMO contamination in all our seeds. All

alfalfa seed lots are also tested to confirm zero detectable level in 10,000 seeds. No contaminated seed lots will ever be sold.

Please visit highmowingseeds.com for more info.



Alfalfa



Ancient Eastern Blend



Broccoli Blend



Broccoli



Kale



Mung Bean



Radish



Sandwich Booster Mix



Spicy Salad Mix



Spring Salad Mix



94796 Sprout Jar Lid

The easy-to-use HMOS Sprout Jar Lid fits most wide mouth mason jars. Made of a durable food-grade plastic with mesh holes big enough to drain just the water, not tiny alfalfa seeds. Order more than one jar lid and rotate your crops every 3-4 days to ensure that you always have a steady supply. BPA-free. **\$4.95**

HOPE
IS A SEED

“The best thing about plants in a time of crisis is that they are calm and hopeful and just keep on growing. —Kathryn, gardener in Utah”

SPROUTING SEEDS - SOLD BY SEED WEIGHT

		3 oz	4 oz
1700 Alfalfa	Mild flavor and crunch; very easy to grow.	\$ 4.95	
1710 Ancient Eastern	A delicious blend of fenugreek, lentils, kamut (wheat), mung beans and adzuki beans.		\$ 4.95
1705 Broccoli Blend	This antioxidant-rich blend contains broccoli, broccoli raab, radish, mustard and arugula.	\$ 4.95	
1707 Broccoli	Quick, easy sprout with mildly spicy flavor and great health benefits.	\$ 7.95	
new 1709 Kale	Excellent depth of flavor from beautiful, green sprouts that are very easy to grow.	\$ 7.95	
1728 Mung Bean	A popular sprout used extensively in Asian cuisine with juicy, succulent texture.		\$ 4.95
new 1708 Radish	Red to purple stems with bright green cotyledons, vigorous and spicy.	\$ 4.95	
1702 Sandwich Booster Mix	Tasty blend of sweet, mild clover and alfalfa plus spicy radish and mustard.	\$ 4.95	
1701 Spicy Salad Mix	A mildly spicy blend of lentils, alfalfa, red clover, radish and black mustard.		\$ 4.95
new 1712 Spring Salad Mix	Delicious mix of broccoli, radish, red clover and alfalfa that is sweet with a touch of spice.	\$ 4.95	

Greens, Micro & Shoots

A colorful mix of microgreens ready for harvest.

CULTURAL INFO: Microgreens are the tender, immature leaves of salad greens, herbs, edible flowers and leafy vegetables. Almost any seed can be grown as a microgreen but there are some tried-and-true varieties that are sought out for their unique color, shape and flavor at the micro size. Choose flats with drainage holes for planting; 1020 plastic flats work well. Fill flats with an inch or more of moist potting soil or soilless mix. Broadcast seeds evenly over surface and press seeds gently into soil. Even and constant moisture is essential for vigorous and uniform sprouting. Use of a mister is helpful. Ensure moisture by lightly sprinkling medium

over seeds or use a clear dome to cover tray. For blanching popcorn shoots, cover with an opaque tray. Remove dome after seedlings emerge to avoid mold. Flats can be placed under grow lights, outdoors under shade or in hoopouses with natural light. Harvest by clipping stems when first true leaves appear between cotyledon leaves, on average about 10-15 days after planting. Wash greens and dry on towels, or in a spinner. Store refrigerated in plastic bags. Microgreens are also sold by the flat and customers clip right before using for best quality. Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



Arugula



Basil



Broccoli



Cilantro



Collards



**Daikon
Radish**



Dill



**Garnet Red
Amaranth**



**Green
Chard**



**Green
Kale**



**Green Wave
Mustard**



**Lacinato
Kale**



Mizuna



Pac Choy



**Purple
Kohlrabi**



**Purple
Sango Radish**



**Red Acre
Cabbage**



Red Beet



**Red Carpet
Mustard**



Red Chard



**Red Lace
Mustard**



**Red
Mustard**



**Red
Russian Kale**



**Ruby Streaks
Mustard**



**Sunset
Chard**



**Tokyo
Bekana**



**Wasabina
Mustard**



Pea



Popcorn



Mild Mix



Spicy Mix



Sunflower



Wheatgrass



Silk Road Mix



Prism Blend

GREENS - MICRO - SOLD BY SEED WT	DESCRIPTION	DAYS TO MATURITY	1/4 lb	1 lb	5 lb	20 lb*
2010-QMG Arugula	Spicy long, rounded green leaves	16-25	\$ 9.00	\$ 23.00	\$ 20.60/lb	\$ 19.35/lb
5000-QMG Basil	Half-circle shaped leaves, short stem	16-25	\$ 15.50	\$ 45.50	\$ 43.00/lb	\$ 50.00/lb
1734-QMG Broccoli	Mild succulent white stems with dark green leaves	10-15	\$ 9.00	\$ 21.00	\$ 19.00/lb	\$ 15.75/lb
5050-QMG Cilantro	Mild light green leaves and white stems	16-25	\$ 8.00	\$ 16.00	\$ 13.00/lb	\$ 10.25/lb
1740-QMG Collards	Mild dark green leaves and green stems	10-15	\$ 34.00	\$ 90.00	\$ 77.00/lb	\$ 67.50/lb
1745-QMG Daikon Radish	Spicy green leaves with white stems	10-15	\$ 5.65	\$ 11.00	\$ 9.20/lb	\$ 7.36/lb
new 5060-QMG Dill	Aromatic flavor and fine, silky leaves	10-15	\$ 10.50	\$ 25.00	\$ 21.60/lb	\$ 17.16/lb
1760-QMG Garnet Red Amaranth	Mild fuschia-colored leaves and stems	16-25	\$ 22.00	\$ 55.00	\$ 45.00/lb	\$ 34.00/lb
2343-QMG Green Chard	Mild narrow green leaves and pale pink stems	16-25	\$ 14.00	\$ 45.00	\$ 37.00/lb	\$ 32.50/lb
1736-QMG Green Kale	Mild dark green leaves and white stems	10-15	\$ 25.00	\$ 75.00	\$ 63.00/lb	\$ 56.25/lb
2485-QMG Green Wave Mustard	Spicy narrow green leaves and white stems	10-15	\$ 25.00	\$ 70.00	\$ 60.00/lb	\$ 52.00/lb
2520-QMG Lacinato Kale	Mild light green leaves and green stems	10-25	\$ 19.00	\$ 53.00	\$ 45.00/lb	\$ 40.00/lb
1730-QMG Mild Mix	Mild, attractive blend of textures and colors	10-25	\$ 12.00	\$ 38.00	\$ 34.00/lb	\$ 29.75/lb
2490-QMG Mizuna	Mild light green, deeply serrated leaves	10-15	\$ 12.50	\$ 38.00	\$ 35.00/lb	\$ 31.40/lb
2515-QMG Pac Choy	Mild, rounded juicy tender leaves	10-15	\$ 13.65	\$ 30.00	\$ 26.00/lb	\$ 22.00/lb
new 2556-QMG Prism Blend	Enchanting colors with a mildly spicy, irresistible flavor	10-15	\$ 22.00	\$ 55.00	\$ 45.00/lb	\$ 34.55/lb
1739-QMG Purple Kohlrabi	Spicy deep purple-green leaves and purple stems	10-15	\$ 11.50	\$ 34.00	\$ 29.60/lb	\$ 26.25/lb
1737-QMG Purple Sango Radish	Mild bright green leaves and purple stems	10-15	\$ 14.00	\$ 42.00	\$ 35.00/lb	\$ 29.75/lb
1738-QMG Red Acre Cabbage	Mild emerald green leaves with bright purple stems	10-15	\$ 12.00	\$ 38.00	\$ 33.00/lb	\$ 26.25/lb
2290-QMG Red Beet	Mild narrow green leaves and magenta stems	16-25	\$ 11.00	\$ 26.00	\$ 23.00/lb	\$ 19.25/lb
new 2504-QMG Red Carpet	Bright red cotyledons, stems and leaves with a moderate spice	10-15	\$ 9.00	\$ 25.00	\$ 21.00/lb	\$ 17.00/lb
2360-QMG Red Chard	Mild yellow-green leaves and scarlet stems	16-25	\$ 9.00	\$ 30.00	\$ 25.00/lb	\$ 22.00/lb
1750-QMG Red Lace Mustard	Solidly reddish, purple leaves with great spice and texture	10-15	\$ 8.00	\$ 22.00	\$ 18.00/lb	\$ 16.25/lb
2505-QMG Red Mustard	Spicy green leaves with purple veins and highlights	16-25	\$ 24.00	\$ 75.00	\$ 61.00/lb	\$ 48.25/lb
2530-QMG Red Russian Kale	Mild green/purple leaves and lavender stems	10-15	\$ 11.75	\$ 32.00	\$ 28.00/lb	\$ 25.00/lb
2506-QMG Ruby Streaks Mustard	Green leaves with a mild spice and purple hues	10-15	\$ 23.00	\$ 64.00	\$ 57.00/lb	\$ 52.50/lb
1725-QMG Silk Road Mix	Various colors of succulent Asian greens with a hint of spice	10-15	\$ 18.00	\$ 55.00	\$ 50.00/lb	\$ 42.00/lb
1733-QMG Spicy Mix	Spicy blend of flavors and textures	10-15	\$ 20.00	\$ 60.00	\$ 54.00/lb	\$ 47.50/lb
new 2347-QMG Sunset Chard	Golden stems with narrow, bright green leaves	10-15	\$ 24.00	\$ 75.00	\$ 63.00/lb	\$ 52.50/lb
new 2501-QMG Tokyo Bekana	White stems and ruffled leaves with lime green color	10-15	\$ 19.50	\$ 55.00	\$ 33.00/lb	\$ 27.50/lb
2503-QMG Wasabina Mustard	Bright green leaves with a refreshing wasabi spice	10-15	\$ 17.00	\$ 55.00	\$ 48.00/lb	\$ 42.76/lb
SHOOTS - SOLD BY SEED WEIGHT	DESCRIPTION	DAYS TO MATURITY	1/4 lb	1 lb	5 lb	20 lb*
1800 Pea Shoots	Crunchy, juicy texture and the same delicious flavor as fresh peas	7-14	\$ 2.95	\$ 4.55	\$ 3.16/lb	\$ 2.55/lb
1805 Popcorn Shoots	Sweet flavor and good crunch	7-14	\$ 5.80	\$ 14.35	\$ 11.00/lb	\$ 9.40/lb
1810 Sunflower Shoots	Black oil variety best for tender shoots with nutty flavor	7-14	\$ 4.15	\$ 10.25	\$ 8.60/lb	\$ 7.60/lb
1706 Wheatgrass Shoots	Great for wheatgrass juice, sprouted wheat bread, milling or short sprouts	7-14	\$ 3.50	\$ 5.55	\$ 3.50/lb	\$ 3.20/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Kale

Brassica spp.

Monique, Taylor and Zach harvest from a stand of various fall kales at the High Mowing trials fields.

CULTURAL INFO: Days to maturity are from direct seeding, subtract two weeks if transplanting. Kale is a hardy biennial closely related to cabbage and broccoli. It will overwinter in milder climates and can be harvested over a long window. Kale is easier to grow than broccoli or cabbage because it is more tolerant of fluctuations in temperature and water, and because we eat the leaves and not the flower. Direct sow when daytime soil temps warm to 65-75°F or start 4-6 weeks before planting date. Optimal soil temperature for germination is 75°F, but seeds will germinate in soils as cool as 50°F. Seedlings can tolerate frost after they've hardened off. Plant for baby leaf every 1-3 weeks for a continual harvest. Sow fall plantings two months before first expected frost for full size and up until frost for baby leaf. Sweetens after light frosts.

DISEASE & PESTS: Kale is subject to the same insect pests as collards, cabbage, cauliflower and broccoli. Because the leaves are the edible portion, damage from insects like flea beetles may require control with floating row covers. Insect pests of

the Lepidoptera order and can be controlled by *Bacillus thuringiensis* (Bt) or spinosad, preferably in rotation with one another to prevent build-up of resistant individuals (check with your certifier before applying). Kale can be affected by Black Rot, caused by the bacterium *Xanthomonas campestris* and clubroot, caused by the soil borne fungus *Plasmidiophora*. Prevention includes resistant varieties, crop rotation, removal or tillage of plant debris, eliminating cruciferous weeds, and handling plants in dry conditions.

SEED SPECS: 5.6-9.4M (7.5M avg) seeds/oz, 90-150M (120M avg) seeds/lb. M=1,000. 1/32 oz approx. **225 seeds.** Direct seeding rate: Baby, 60 seeds/foot in a 2" band in rows 2-6" apart. Full size, 3 seeds every 12", thin to 1 plant in rows 18-36" apart. Transplants: 12-18" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

FLAT



Red Russian



White Russian



Ironman Kale Mix



Dazzling Blue



Lacinato



Siberian

2530 Red Russian 21 days baby, 50 full size

HEIRLOOM • Excellent baby leaf strain • Cold tolerant • 24-36" tall

Bright purple stems and slate green, deeply lobed foliage. Leaves are tender, smooth and very sweet compared to other kales. An incredibly cold-tolerant variety that improves in flavor with cold weather. Popular ingredient in baby leaf salad mixes or as full size bunches. *B. napus*.

2528 White Russian 21 days baby, 50 full size

OP • OSSI • Tolerates wet soil • Very cold hardy • 24-30" tall

Sweet, tender leaves with excellent frost tolerance. Voted the best-tasting in our taste tests, with white ribs and blue-green leaves that get sweeter in cold weather. Tolerates wet soils, and just as hardy as the toughest Russian. Bred by Frank Morton of Wild Garden Seeds and released through the Open Source Seed Initiative. A portion of the sales of this variety is paid to the breeder. *B. napus*

2516 Ironman Kale Mix 30 days

See Greens, Salad Mixes, page 38.

2534 Dazzling Blue 60 days

OP • OSSI • Colored Lacinato-type • 24-30" tall

"Dazzling" indeed, this Lacinato-type delights with unique coloring and rich flavor. Vigorous plants produce leaves with purple midribs and a range of colors that intensify in cool temperatures. Hardier than the traditional Lacinato. Ideal for raw kale salads. Bred by Hank Keogh of Avoca Seed Farm, produced in association with Wild Garden Seed in Oregon and released through the Open Source Seed Initiative. *B. oleracea*

2520 Lacinato 30 days baby, 60 full size

HEIRLOOM • Improved vigor, yield and hardiness • 30-40" tall

Unique, blue-green savoyed leaves on extremely vigorous plants. Ideal for raw kale salads and soups. Leaves are very dark blue-green and heavily savoyed, sweetening with each frost. Also known as Dinosaur or Tuscan kale. Our strain is exceptionally large, vigorous and cold tolerant. *B. oleracea*

2535 Siberian 30 days baby, 60 full size

OP • Productive • Frost hardy • 18-36" tall

Exceptionally tender, light blue-green leaves with white stems and ruffled edges. One of the best varieties for raw salad and spring "napini." Plants are hardy and grow rapidly. Great flavor that is sweetened and improved by frost. *B. napus pabularia*. Limited availability in 2021

CURLY

2533 Darkibor F1 50 days

HYBRID • Extra curly • Resists yellowing • 18-36" tall

Dark green with excellent flavor, this hybrid kale produces best in spring and fall. Similar to Winterbor F1, these tall plants provide high yields of densely curled greens. Vigorous plants hold well in cold weather and are suited to overwintering production in Southern climates. From our partners at Bejo Seeds. *B. oleracea*

2522 Dwarf Green Curled 50 days

OP • High yielding • Robust 18" plants

Compact variety with frilly, tightly curled leaves and excellent flavor. A frost-tolerant variety from northern Germany that can be harvested long into winter. Plants have a slightly smaller frame and attractive, tender medium green leaves. *B. oleracea*

2523 Meadowlark 50 days

OP • Narrow leaf • Very cold tolerant • 18-24" tall

Unusual long, elegant leaves covered in curls. Exceptionally attractive plants with tall, upright architecture and narrow, tightly curled leaves that are sweet, tender and easy to de-rib. So pretty it could pass as an ornamental. A German specialty with impressive frost tolerance. Not as curly at the baby leaf stage. *B. oleracea*

2526 Westlander 50 days

OP • Uniform stands • Very cold tolerant • 14-20" tall

Very curly, broad leaves with tender texture. Compares well to hybrid kales. Extremely cold-hardy variety with large, flavorful leaves. Larger than Dwarf Green Curled, with a compact shape and loose green curls. Densely ruffled, blue-green leaves with uniform size and shape. From the Swiss biodynamic seed company Sativa. *B. oleracea*

2529 Curly Roja 55 days

HEIRLOOM • Edible and ornamental • 18-36" plants

Gorgeous, magenta stems with bright green leaves that fade to purple on savoyed, lofty edges. Densely frilled leaf edges, stunning purple-sage color, deep purple stems and cold hardiness are all elements of an exquisite kale bunch that holds well after harvest. Compare to Redbor F1. Does especially well in fertile conditions. *B. oleracea*

2536 Redbor F1 55 days

HYBRID • Productive • Ideal for overwintering • 24-36" tall

The red, sister variety of the market-standard curly green kale, Darkibor F1. A long-awaited hybrid curly red kale, Redbor F1's tall, dark red leaves on sturdy stems are full of vigor and grow upright for easy harvests. High performing with deeply curled, red leaves that hold up in a variety of field conditions. As with all red kales, flavor and color are enhanced by cold weather. From our partners at Bejo Seeds. *B. oleracea*

2531 Scarlet 30 days baby, 55 full size

OP • Very cold tolerant • 24-36" tall

Densely curled purple leaves on tall, upright stalks for easy bunching. Comparable to Redbor F1 in height, leaf shape and color, Scarlet makes a unique addition to kale offerings either in bunches or as a baby leaf. Vigorous plants produce reliable yields in both spring and fall. Vibrant color intensifies in cooler temperatures. From our partners at CN Seeds. A portion of the sales of this variety is paid to the breeder. *B. oleracea*. Unavailable in 2021

2521 Vates 30 days baby, 55 full size

OP • Excellent baby leaf variety • 24" tall

Curly kale with dark green leaves for baby leaf or dwarf, full size plants. Short, sturdy plants are prolific when planted in the spring or fall. Curly leaf shape make this kale perfect for kale chips, raw salads, and soups. Leaves resist yellowing in cold and heat. Overall compact plants show some size variability. *B. oleracea*



Darkibor F1



Dwarf Green Curled



Meadowlark



Westlander



Curly Roja



Redbor F1



Scarlet



Vates

KALE SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb
2529 Curly Roja	\$ 2.95	\$ 5.50	\$ 9.00	\$ 20.00	\$ 62.00	\$ 95.00	\$ 81.00/lb
2520 Lacinato	\$ 2.95	\$ 4.50	\$ 6.00	\$ 11.00	\$ 25.00	\$ 53.00	\$ 45.00/lb
2530 Red Russian	\$ 2.95	\$ 3.50	\$ 4.75	\$ 8.00	\$ 22.00	\$ 32.00	\$ 28.00/lb
2531 Scarlet - Unavailable in 2021	\$ 2.95	\$ 5.00	\$ 10.00	\$ 19.00	\$ 50.00	\$ 70.00	\$ 60.00/lb
2535 Siberian - Limited availability in 2021	\$ 2.95	\$ 4.75	\$ 10.00	\$ 19.00	\$ 43.00	\$ 78.00	\$ 68.00/lb
2521 Vates	\$ 2.95	\$ 3.40	\$ 5.50	\$ 12.50	\$ 32.00	\$ 60.00	\$ 55.00/lb
2528 White Russian	\$ 2.95	\$ 5.00	\$ 8.00	\$ 15.00	\$ 52.00	\$ 85.00	\$ 73.00/lb
KALE SEED - OPEN-POLLINATED - SOLD BY SEED COUNT	50	250	1 M	5 M	25 M		
2534 Dazzling Blue	\$ 2.95	\$ 3.45	\$ 5.00	\$ 2.90/M	\$ 1.92/M		
2522 Dwarf Green Curled	\$ 2.95	\$ 3.50	\$ 7.50	\$ 3.60/M	\$ 2.80/M		
2523 Meadowlark	\$ 2.95	\$ 9.95	\$ 13.00	\$ 7.80/M	\$ 5.80/M		
2526 Westlander	\$ 2.95	\$ 3.75	\$ 8.50	\$ 6.00/M	\$ 4.40/M		
KALE SEED - HYBRID - SOLD BY SEED COUNT	50	250	1 M	5 M	25 M		
2533 Darkibor F1	\$ 4.50	\$ 10.75	\$ 24.50	\$ 20.05/M	\$ 16.64/M		
2536 Redbor F1	\$ 5.00	\$ 14.00	\$ 33.00	\$ 28.80/M	\$ 24.80/M		

Larger volumes available; please call for pricing.

Your Source for 100% Certified Organic, Non-GMO Project Verified Seeds

Kohlrabi

Brassica oleracea var. *gongylodes*



Zach compares Superschmelz and Kossak F1 kohlrabi in the High Mowing variety trials field.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Kohlrabi is a delightful vegetable with mild flavor and the texture of an apple. Direct seed or transplant as soon as ground can be worked in spring or in late summer for fall harvest. Start transplants indoors 4-5 weeks before planting date. The edible portion of kohlrabi is not the root, but rather the round, swollen stem of the plant. Leaves are also edible. For most varieties, harvest when stem swells to 3-5" and is easily visible above the soil. Plants will withstand light frost.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Black rot is caused by the bacterium *Xanthomonas campestris* and clubroot is caused by the soil borne fungus *Plasmodiophora*. Prevention includes crop rotation, removal or tillage of plant debris, eliminating cruciferous weeds and handling plants only in dry conditions. Insect pests, including cabbage looper, imported cabbage worm and

diamondback moth, all of the Lepidoptera order and can be controlled by *Bacillus thuringiensis* (Bt); check with your certifier before applying. Protect plants from flea beetles using floating row cover in the early season. Control root maggots by applying beneficial nematodes or row cover.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **BR-Black Rot**, **DM-Downy Mildew**, **FY-Fusarium Yellows**

SEED SPECS: 5.5-9M (6.5M avg) seeds/oz. M=1,000. Direct seeding rate: 8 seeds/foot, thin to 1 plant every 4-10", depending on variety, in rows 12-18" apart. Transplants: 4-10" apart, depending on variety, in rows 12-18" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

KOHLRABI



Azur Star



Kolibri F1



Korist F1



Trero



Kordial F1

PURPLE

2304 Azur Star 50 days

OP • Very juicy • Slow to bolt • 3.25" bulbs

Delicious early kohlrabi with eye-catching violet skin and smoky, blue-green leaves. A beautiful and reliable variety with attractive presentation for market. Crisp, juicy flesh great for slaws. Originally bred by Hild Seed Company in Germany.

2307 Kolibri F1 50 days

HYBRID • IR: **BR** • Highly uniform • 3-4" bulbs

The most uniform purple kohlrabi, with deep purple, tender skin. Kolibri F1 is reliably beautiful year after year in every set of conditions. Has crisp, nearly fiberless white flesh that contrasts nicely with its violet skin. From our friends at Bejo Seeds.

GREEN

2537 Korist F1 42 days

HYBRID • HR: **DM** • Long field holding capacity • 3" bulbs

Early, uniform bulbs with dense, crisp centers. Clean skin and uniform shape make this a more refined bulb than other kohlrabi varieties. With a growth habit very similar to Kolibri F1, they can be grown together for beautifully contrasting, colorful bunches.

2539 Trero 42 days

OP • Sweet flavor • Bolt resistant • 3" bulbs

Early-forming bulbs are white, tender and ideal for fresh eating. This early, sweet variety performs well in a high tunnel, under fabric, or in the field. The white bulbs have a thin, supple skin that makes them delicious in salads and slaws. Bulbs are globe shaped and plants are highly resistant to bolting as the temperatures begin to climb.

2538 Kordial F1 45 days

HYBRID • HR: **DM**, **FY** / IR: **BR** • Spring/fall crop • 3-5" bulbs

Early, uniform bulbs with dense, crisp centers. Rich flavor and a satisfying, crunchy texture that is excellent shredded and added to coleslaw. Crack-resistant bulbs have erect leaves that are suitable for bunching. Performs best as a spring or fall crop. From Bejo Seeds.

HOPE
IS A SEED

“ Learning to grow and preserve my own food is my little act of resistance. In writing this, I realize it's not so little. It is empowering. It is patience and pressing on despite things not working out. It is give and take. It is getting your hands dirty. It is letting go. It is growth. It is nourishment. —Ce'Lene, @browngrlgrnlife, gardener in Washington ”

2306 Kossak F1 70 days

HYBRID • IR: DM • Stores well • Huge 8-10" bulbs

White skinned with dense white flesh; big enough to feed a community.

Grows to a huge size, remaining sweet and juicy without developing any woodiness (though peeling is recommended). Can be kept for several months in cold storage. Plant 12" apart.

new 2308 Superschmelz 80 days

OP • Sweet flavor • Bolt resistant • Huge 8-10" bulbs

Late season, giant kohlrabi with tender, sweet flesh that holds quality in storage.

Performs well under fabric or in the field. The white bulbs have no woodiness and are delicious in salads and slaws. Bulbs are globe shaped and plants are highly resistant to bolting as the temperatures begin to climb. This storage variety is later than other varieties but its sweetness is worth the wait. Plant 12" apart.



Kossak F1



Superschmelz

KOHLRABI SEED - OPEN POLLINATED - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2304 Azur Star	\$ 2.95	\$ 12.10	\$ 19.40	\$ 18.56/M	\$ 16.20/M
new 2308 Superschmelz	\$ 2.95	\$ 9.00	\$ 14.00	\$ 8.40/M	\$ 6.00/M
2539 Trero	\$ 2.95	\$ 12.10	\$ 19.40	\$ 18.56/M	\$ 16.20/M

KOHLRABI SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2307 Kolibri F1	\$ 4.85	\$ 26.50	\$ 42.00	\$ 35.00/M	\$ 31.00/M
2538 Kordial F1	\$ 4.95	\$ 29.25	\$ 47.50	\$ 40.70/M	\$ 36.40/M
2537 Korist F1	\$ 4.95	\$ 29.25	\$ 47.50	\$ 40.70/M	\$ 36.40/M
2306 Kossak F1	\$ 4.95	\$ 29.25	\$ 47.50	\$ 40.70/M	\$ 36.40/M

Larger volumes available; please call for pricing.

Leeks

Allium porrum

High Mowing Founder Tom Stearns evaluating an exceptional leek crop at the trials fields of Vitalis Seeds in the Netherlands.

CULTURAL INFO: Days to maturity are from transplant; add 30-40 days if direct seeding. Leeks are a cool-season biennial that prefer rich soils and plenty of moisture. Summer leeks mature early and are lighter green and slender. Winter leeks mature later, are dark green and require hilling for longer shafts. Seed individual cells or whole flats. When seedlings reach 5", trim in order to increase girth. Transplant to shallow trenches 6" deep, leaving only a few inches of leaf above the soil. For longer blanched stalks, hill plants as they grow. Harvest at any stage of maturity but flavor is best after light frost. Store at just above 32°F with high humidity.

RESISTANCE KEY: IR-Intermediate Resistance, **PB-Purple Blotch**, **R-Rust**, **T-Thrips**, **WT-White Tip**

SEED SPECS: 9.5-11M (10.5M avg) seeds/oz, 152-176M (164M avg) seeds/lb. M=1,000. **1/64 oz approx. 150 seeds.** Direct seeding rate: 6 seeds/foot, thin to 1 plant every 6" in rows 18-30" apart. Transplants: 6" apart in rows 18-30" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

SUMMER

2700 Alto 75-85 days

OP • Summer crop • Versatile

Popular, fast-growing, early summer leek with nice, cylindrical shape and thick, white shaft. Tall, Bulgarian-type that can be left to mature for beautiful full-bodied leeks or harvested early for delicately flavored bunching leeks good for salads or lightly sautéed. Consistent performance in summer production, not a winter hardy variety.

2701 Chinook F1 90-95 days

HYBRID • Summer crop • Uniform size and shape • Easy to clean

Early, high-quality leeks with great performance in cold conditions. Long, straight shafts have bright green outer wrapping and deep blue-green flags. Adaptable variety grows quickly, is easy to field clean, and has high yield potential for commercial growers. Slightly longer and narrower than Megaton F1 with superior uniformity. From our partners at Vitalis Organic Seeds.



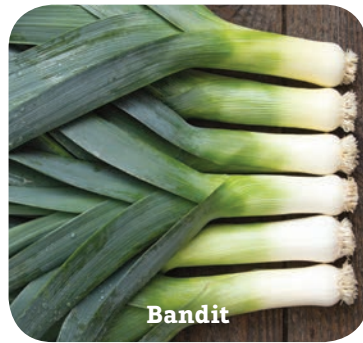
Chinook F1



Alto



Comanche F1



Bandit



Takrima F1



Runner F1



Oslo F1



Tadorna

FALL/WINTER

2698 **Comanche F1** 95-100 days

HYBRID • Flexible harvest window • Sizes up early

Early fall leek with long white shafts and dark bluish-green foliage. Suitable for both bunching and prepacking, these beautiful white shafts are durable with a tender interior. The layers are easy to peel, making them an ideal allium for the kitchen. With an upright growth habit, plants have good field-holding quality and a flexible harvest window.

2697 **Bandit** 100 daysOP • IR: **PB, R, T, WT** • Fall/winter crop • Upright habit

Thick, heavy, winter leek for late harvests or overwintering. Forms a very thick base with little bulbing, making cleaning easier and offering more weight per plant. Deeply colored blue-green flags stand upright. Elongate and blanch shafts by hilling. Mulch well for overwintering in northern regions.

2695 **Takrima F1** 100 days

HYBRID • Fall crop • Tall and slim • No bulbing

A gorgeous fall leek. Highly reliable, low maintenance and adaptable to many environments. Virtually no bulbing and is highly self-blanching even without hilling. Strong root systems make it especially well suited to organic systems. From our partners at Vitalis Organic Seeds.

2696 **Runner F1** 105 daysHYBRID • IR: **PB, R, T, WT** • Fall crop • Upright habit • Holds well

High-yielding variety with great holding capacity in the field. High percentage of marketable, easy-to-peel leeks. Compared favorably to Megaton F1 in overall size, girth and foliage health in our trials. Erect plants with upright foliage make for easy bunching and cultivation. An excellent commercial variety from Bejo Seeds. Primed seed.

new 2708 **Oslo F1** 110 days

HYBRID • Fall/Winter crop • Bolt resistant • Stores well

Thick, stocky shafts with dark blue leaves and attractive, upright habit. Late maturing leek for late fall, early winter harvests. Can be overwintered in more temperate climates. Boasts impressive bolt resistance and good uniformity. Thick shafts are easy to peel and process, making it a versatile ingredient in the kitchen. From our partners at Vitalis Seeds.

2694 **Tadorna** 110 days

OP • Winter crop • Uniform size

Winter leek with stocky, dark green shafts that size up well and hold into the fall. A favorite of growers in the Northeast for its vigorous growth and good resistance to disease. Well adapted to many regions; overwinters in mild climates. Good field resistance to leaf blights.

LEEK SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M
2697 Bandit	\$ 3.65	\$ 8.95	\$ 6.80/M	\$ 5.92/M	\$ 5.70/M	\$ 5.05/M
2694 Tadorna	\$ 2.95	\$ 8.00	\$ 7.00/M	\$ 6.24/M	\$ 5.70/M	\$ 5.25/M

LEEK SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/64 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb
2700 Alto	\$ 3.40	\$ 7.65	\$ 12.25	\$ 40.80	\$ 136.75	\$ 215.00

LEEK SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M
2701 Chinook F1	\$ 5.75	\$ 40.90	\$ 29.65/M	\$ 27.00/M	\$ 25.00/M	\$ 23.50/M
2698 Comanche F1	\$ 5.95	\$ 43.00	\$ 28.40/M	\$ 25.60/M	\$ 25.00/M	\$ 21.50/M
new 2708 Oslo F1	\$ 8.50	\$ 53.00	\$ 43.00/M	\$ 37.00/M	\$ 33.00/M	\$ 29.50/M
2696 Runner F1	\$ 9.00	\$ 55.50	\$ 45.00/M	\$ 39.00/M	\$ 36.00/M	\$ 33.00/M
2695 Takrima F1	\$ 5.75	\$ 40.80	\$ 31.00/M	\$ 26.40/M	\$ 23.00/M	\$ 21.50/M

Larger volumes available; please call for pricing.

In Memoriam

It is with a heavy heart that we mourn the passing of some of our long-time friends in the organic seed world:

Brent Loy, a researcher at the University of New Hampshire; Jonathon Spero, seed breeder and OSSl founding board member; Miles Rogers, educator and advocate with Terra Organics for 20 years; Nakdimon Umriel, artichoke breeder with Genesis Seeds. We send our deepest sympathies to all who have suffered the loss of loved ones and community members; may their memories sprout inspiration and hope in each of us as we continue to navigate the evolving challenges ahead.



Lettuce

Lactuca sativa



Megan hoeing lettuce in a caterpillar tunnel at Full Moon Farm in Deep Gap, NC.

CULTURAL INFO: Days to maturity are from direct seeding; in spring conditions subtract 10-14 days if transplanting, subtract 7-10 days if planting in summer conditions, add 20 days if planting late summer-fall. A cool-season annual, lettuce prefers well-drained soil and high levels of fertility. Can be grown all season long by choosing appropriate varieties. Many varieties may also have a thermal dormancy and can be difficult to germinate in soils above 70-75°F. For best results, germinate lettuce at or below 68°F. Lettuce will germinate at temperatures as low as 40°F. Start transplants 3-4 weeks before planting date. Harden off seedlings by reducing water and temperature. For baby leaf, harvest individual leaves when they reach desired size or cut evenly across the bed staying above the growing tip for cut-and-come-again. For a continuous harvest, sow lettuce every 1-3 weeks.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **APH-Aphids**,

BR-Bottom Rot or Rhizoctonia, CR-Corky Root, DM-Downy Mildew (races indicated if known), FW-Fusarium Wilt, LD-Lettuce Drop, LMV-Lettuce Mosaic Virus, LRA-Lettuce Root Aphid, PM-Powdery Mildew, TB-Tip Burn, TBSV-Tomato Bushy Stunt Virus, WM-White Mold, MT0-10, MT0-30 - indicates that 0 seeds out of 10,000 or 30,000, respectively, have tested positive for LMV. Aphid-resistant varieties are bred to reduce the spread of LMV from non-resistant crops.

SEED SPECS: 20-30M (25M avg) seeds/oz, 320-480M (400M avg) seeds/lb. M=1,000. **1/32 oz approx. 375 seeds.** Direct seeding rate: Baby, 60 seeds/foot in a 2" band in rows 2-6" apart. Full size, 12 seeds/foot, thin to 1 plant every 6-16", depending on variety, in rows 12-18" apart. Transplants: 6-16", depending on variety, in rows 12-18" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

EAZYLEAF

CULTURAL INFO: Eazyleaf lettuces are one-cut ready types, so called because they can be cut once above the growth point and yield a ready-to-bag salad mix. Suitable for cut-and-come-again or single harvest. Can also be harvested as full heads.

2613P **Ezrilla** 52 days

OP • UP • HR: **APH, DM (16-32), TB, TBSV** / IR: **LMV / MT0-30**

Unique one-cut green tango type. Outer leaves are dark green and highly incised, inner leaves are sweet and slightly blanched. Adds excellent texture, loft and crunch to any mix. Strong disease package, very slow to bolt. From Vitalis Organic Seeds. Pelleted seed only.

2619P **Burgandy** 55 days

OP • HR: **DM (1-9) / MT0-30**

Deeply-incised leaves on this red tango type have crunchy texture and lofty volume.

A vivid green interior is contrasted with a delightful, medium red exterior, making for a beautiful addition to salad mixes or simply as a mini head. Good aphid resistance with leaves that have a narrow attachment, making them ideal for whole leaf production. Eye-catching with tender leaves and a delicate, enjoyable flavor. Pelleted seed only.

2612P **Hampton** 55 days

OP • HR: **APH, DM (16-32), TB, TBSV** / IR: **LMV / MT0-30**

A voluminous, high leaf count, one-cut oak leaf. Dark green shiny leaves with narrow attachment points. Has a strong disease package and is very slow to bolt. Cut and mix for salad mix or offer as full heads. From Vitalis Organic Seeds. Pelleted seed only.

2614P **Brentwood** 57 days

OP • UP • HR: **APH, DM (16-32), FW / MT0-30**

Glossy, lobed leaves on this red tango type offer plenty of loft. Attractive color contrast within leaves, with dark red upper foliage and a light green at the center. Cut for salad mix or offer as full heads. Good bolt tolerance. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.

2611P **Buckley** 57 days

OP • UP • HR: **APH, DM (16-32), TBSV / MT0-30**

Gorgeous, glossy, one-cut red oak leaf grows in an upright rosette. A single cut yields heaps of tasty leaves all the same size. Cut and mix for an attractive, hefty salad mix, or offer as full heads. From Vitalis Organic Seeds. Pelleted seed only.

2617P **Ezbruke** 57 days full size

OP • UP • HR: **APH, DM (1-8), TBSV** / IR: **LMV / MT0-30**

Open and attractive mini red romaine with unique, red-speckled internal leaves. Ideal growth habit for both one-cut and whole-head harvest. Can be grown at 4-6" spacing for cut lettuce with true romaine shape. Slow bolting; holds well in the field. The dual color of the leaves presents a unique contrast at market and on the plate. All season performance. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.



Ezrilla



Burgandy



Hampton



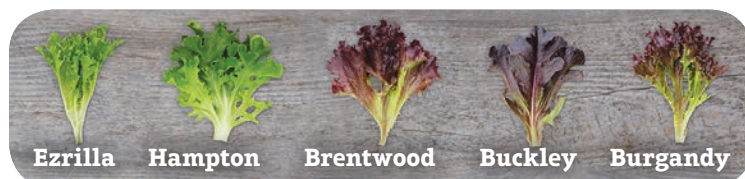
Brentwood



Buckley



Ezbruke



Ezrilla

Hampton

Brentwood

Buckley

Burgandy

LETTUCE



Truchas



Newham



Spretnak



Bellevue



Xalbadora



Pomegranate Crunch



Red Mist



Vulcan



Dark Lollo Rossa



New Red Fire

MINI

2626P Truchas 42 days full size

OP • UP • HR: **DM (16-33), TBSV** / IR: **LMV / MT0-30** • Little Gem-type • Spring/fall crop
Attractive garnet mini-romaine forming dense, compact heads with lime green hearts. Stunning color contrast makes an irresistible lettuce display. Deep magenta leaves taper to bright lime green in each upright, cylindrical head. Good uniformity and structural integrity for ease of washing. Pair with Spretnak or Newham. Replaces Rhazes. Pelleted seed only.

2576P Newham 45 days full size

OP • UP • HR: **APH, DM (16-21, 23-26, 28-32), LRA** / IR: **CR, LMV / MT0-30**
This one has it all—gorgeous color, many resistances and an incredible sweet flavor. We were wowed by Newham in our variety trials and couldn't wait to make it available. This highly modern variety not only has the look, yield and resistances you want, it's also the one you'll bring inside for your evening salad because it's crispy with well-filled hearts and the flavor of the best butterhead. Does well year-round in coastal regions and in winter; spring and fall in hotter regions. Grow at 6" apart for uniform mini heads. From Vitalis Organic Seeds. Pelleted seed only.

2581 Spretnak 45 days full size

OP • HR: **DM (16-21, 23-26, 28-32), LRA** / IR: **FW / MT0-30** • Spring/fall crop
Very attractive glossy green leaves packed in dense mini rosettes—a favorite in our trials. Smooth outer leaves and blanching, tender hearts; compact heads smaller than Tin Tin. Very heat tolerant but best early and late in season. Available as raw and pelleted seed.

new 2582P Bellevue 48 days full size

OP • HR: **APH, CR, DM (1-8, 16-33), TBSV** / IR: **LMV / MT0-30** • Mini red oak leaf
Glowing red oak leaves emerging from a bright green core. Bronzed, maroon leaves hold well in the field and are resistant to bolting during variable weather for all season production. Plants are densely packed with eye-catching leaves, bringing loft to salad mixes when cut as mini or full-sized heads. Texture is buttery but durable enough for washing and spinning. The strong disease package makes this an excellent choice for commercial production. From our partners at Vitalis Seeds. Available as pelleted seed only.

new 2568P Xalbadora 48 days full size

OP • HR: **APH, DM (1-9), TBSV** / IR: **LMV / MT0-30** • True mini romaine
All of the best traits of a full-sized, green romaine in a mini, highly disease resistant package. Sweet flavor and excellent texture make this a desirable variety for harvest at all stages of growth. Perfect when paired with Truchas for a dynamic, colorful romaine blend. Easy to harvest with upright growth habit during an extended harvest window. Plants are fast growing while still maintaining exceptional field holding quality. From our partners at Vitalis Seeds. Available as pelleted seed only.

2569P Pomegranate Crunch 50 days full size

OP • UP • HR: **DM (16-27, 29, 32), TBSV / MT0-30** • Mini heads • Reliable
Stunning mini red romaine with speckled green hearts and smooth texture. Vivid red outer leaves and sparkling green interiors. Faster growing and more open habit than most other red romaines for a foolproof, disease-resistant combination. Larger than Breen; perfect for pairing with Newham in CSA boxes. From Vitalis Organic Seeds. Pelleted seed only.

RED LEAF

2577 Red Mist 40 days full size

OP • UP • HR: **DM (1-9)** / IR: **CR / MT0-30** • Slow to bolt • Spring/Fall crops
Elaborate heads of bright green leaves misted with dynamic red edges. Beautiful heads that are adapted to most lettuce growing regions and tolerant of both heat and cold. The heads are upright, slow to bolt, and can be grown from spring through summer, and into the fall. Hosting an unusually fruity flavor, the leaves are tender and delicious and don't tend to get bitter with excess heat during the summer months. Its V-shape growth habit protects the plant from basal rot and allows heads to be packed well for transport.

2608 Vulcan 50 days full size

OP • **MT0-30** • Excellent wholesale variety • Bolt resistant
A highly prolific, ruffled, red leaf lettuce with colorful, crisp heads and excellent V-shape for commercial production. Early maturing with heat and disease tolerance. Leaves are bright red with an apple-green interior and are slow to tip burn. Outperforming many red leaf varieties, it was first introduced in 1987 by Sakata Seed Company and has been highly favored by growers since. Sow in successions for all season production.

2590 Dark Lollo Rossa 30 days baby, 55 full size

OP • Ideal baby leaf variety • Slow to bolt
Italian looseleaf loved for its deep red, tightly curled leaves surrounding a bright green heart. An ideal baby leaf variety providing mild flavor and excellent loft, heft and color. Open heads are compact, slower growing and slower to bolt than other lettuces. Displayed field resistance to mildew in our trials. See baby leaf photo on page 52.

2594 New Red Fire 55 days full size

OP • IR: **BR, DM, TB / MT0-30** • All-season lettuce • Bolt resistant
Popular among growers for its uniformity, intense color and bolt tolerance. Large, loose heads are green at the base and very dark red at the ruffled leaf edges. Retains its crisp fresh flavor throughout the season. Superior to Red Sails for full size heads. Available as raw and pelleted seed.

GREEN LEAF

2550 Black Seeded Simpson 28 days baby, 45 full size
OP • IR: **DM, LD, TB** • Grand Rapids-type • Baby leaf for salad mix
Easy, early, tender green leaves that withstand heat, drought and light frost. A highly adaptable lettuce for plantings throughout the season. Quickly produces a full-sized, bright green open head with distinctively savoyed leaves that hold salad dressing well. Popular baby leaf variety for a bright green contrasting leaf in salad mixes. See baby leaf photo on page 52.

2563 Waldmann's 28 days baby, 49 full size
OP • IR: **TB / MT0-10** • Uniform stand • Grand Rapids-type
Very productive; the commercial standard for green leaf lettuce. Large green leaves with slightly savoyed, wavy texture form loose, open heads. Best for spring sowings with medium to slow bolting. Requires cool temperature and shallow planting for best germination results. See baby leaf photo on page 52.

2567 Two Star 50 days full size
OP • **MT0-30** • Waldmann's-type • Bolt tolerant
Improved market standard with dark green color and exceptional flavor even in summer heat. Heavy heads are uniform and fold easily for packing; ideal for wholesalers. Bred for its dark green color and bolt tolerance in hot weather. One week slower to bolt and darker green than Waldmann's.

2551 Green Star 30 days baby, 52 days full size
OP • IR: **DM (1-18) / MT0-30** • Popular for baby leaf • Bolt resistant
Vibrant green summer lettuce with shiny, ruffled leaves and great heat tolerance. An all-season lettuce, high quality through the heat of summer. Tender, textured baby leaves add great loft to salad mixes. A standout in our green leaf trials. See baby leaf photo on page 52.

2629 Tropicana 52 days full size
OP • IR: **CR / MT0-30** • Heat and bolt tolerant
High-quality, full heads showed an outstanding performance in trials across the country. Vibrant, uniform, green leaves retain crispness and flavor throughout the season. Our trials showed this workhorse variety to be a top overall performer in a dry, hot year.

RED OAK LEAF

2548 Cantarix 55 full size
OP • HR: **APH, DM(16-26, 28, 32), TBSV / MT0-30** • Spring/fall crop
Full-bodied red oakleaf with vibrant, crimson leaves, green hearts and unmatched visual appeal. One of our most beautiful red oakleaf lettuces with exceptional field holding quality and disease resistance. Vigorous plants have excellent uniformity, generating luminous orbs of delicately savoyed leaves. Beautiful in the home garden and irresistible to customers of commercial producers. From our partners at Vitalis Seeds.

2599 Red Salad Bowl 28 days baby, 55 full size
OP • IR: **TB** • Best for fall crops • Slow to bolt
Identical habit and a great complement to Tango; the darkest red oak leaf we offer. Popular in salad mixes, also suitable for heads. Versatile for all-season use, best color in cooler weather. Displayed field tolerance to fall mildews in our trials. See baby leaf photo on page 52.

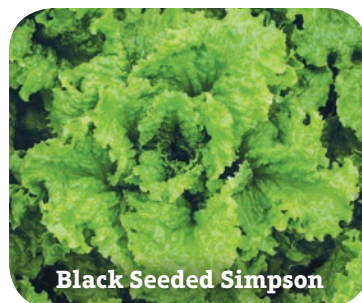
2598 Red Oak Leaf 30 days baby, 60 full size
OP • IR: **DM, LD, TB** • Good fall/winter crop • Heat tolerant
Burgundy oak leaf with golden sheen, perfect for teenage heads or baby leaves in all seasons. Versatile variety with mild flavor in summer; good mildew resistance and attractive red color as light levels are decreasing in fall. Rounder, oak shape and larger lobes than Red Salad Bowl; larger, tighter heads than Oscarde. See baby leaf photo on page 52.

GREEN OAK LEAF

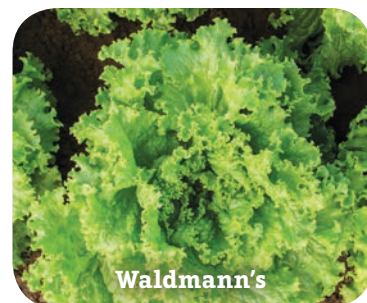
2540 Sandy 21 days baby, 50 full size
OP • IR: **TB** • Versatile • Bolt resistant • Formerly called Regal Oak
A gorgeous, versatile, all-season variety with distinctive leaf shape. Bright green leaves are deeply lobed with pointed tips; produces striking full sized heads but also good for baby leaf or teenage heads. One of our California growers praises this variety for good resistance to tip burn, powdery mildew and bacterial leaf spot. The winner of an All-America Selections (AAS) vegetable award. See baby leaf photo on page 52.

2605 Salad Bowl 28 days baby, 50 full size
OP • IR: **TB** • Popular for baby leaf • Heat tolerant
Bright green oak leaf most commonly used for baby leaf production, favored for its shape, color and rapid growth rate. Full size habit is loose and open. Very attractive and always tender and sweet. An All-America Selections (AAS) winner in 1952, and has remained a favorite to this day. Heat tolerant and bolt resistant. See baby leaf photo on page 52.

2627 Encino 50 days full size
OP • HR: **APH, DM (16-26, 28, 32), LMV, TBSV / MT0-30** • Uniform size • Slow to bolt
Huge, fine heads of buttery, lightly savoyed leaves. Dense heads of lightly serrated wavy leaves with slightly blanched centers. Sweet and buttery, with larger heads and better resistance to bottom rot than Panisse. High Mowing is proud to be the exclusive producer of organic seed for this variety thanks to our partnership with Vitalis Organic Seeds. A portion of the sales of this variety is paid to the breeder. Available as raw and pelleted seed.



Black Seeded Simpson



Waldmann's



Two Star



Green Star



Tropicana



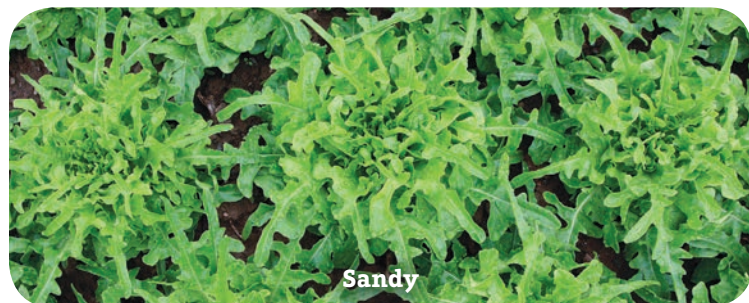
Cantarix



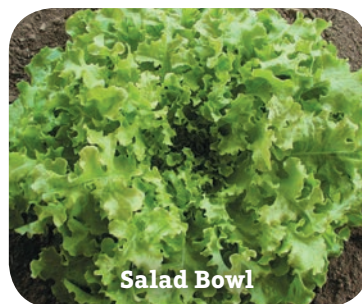
Red Salad Bowl



Red Oak Leaf



Sandy



Salad Bowl



Encino



Tango



Outredgeous



Rouge d'Hiver



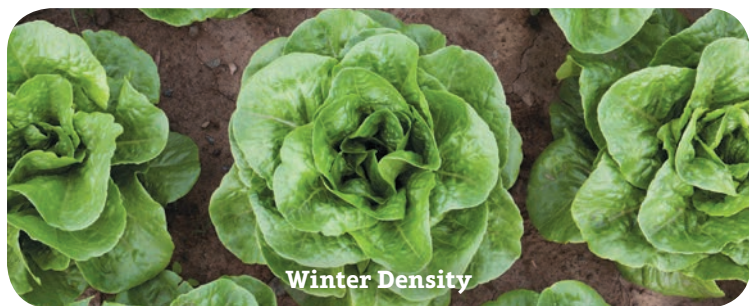
Aerostar



Freckles



Parris Island Cos



Winter Density



Coastal Star



Jericho



Green Towers



Concept

2558 Tango 32 days baby, 53 full size

OP • **MT0-30** • Excellent baby leaf variety • Compact

Deeply lobed and frilly blanching leaf - the standard for salad mixes. Similar pale green color, frilly shape and lofty texture to endive, a popular ingredient in salad mixes, but with much milder flavor. Makes a small, compact head. Harvest early as Tango has a tendency to bolt quickly. See baby leaf photo on page 52.

RED ROMAINE

2592 Outredgeous 30 days baby, 55 full size

OP • **OSSI** • **MT0-30** • Great baby leaf variety • Upright habit

Outdoes all the reds, forming a loose teenage head with spectacular solid magenta color. Outredgeous is so red that botany students didn't recognize it as lettuce when they saw it in Frank Morton's breeding nursery. Makes an eye-catching statement in your premium salad mix. Released under the Open Source Seed Initiative. Grown on the International Space Station in 2015. A portion of the sales of this variety is paid to the breeder. See baby leaf photo on page 52.

2600 Rouge d'Hiver 28 days baby, 60 full size

HEIRLOOM • IR: **LD, TB** • Baby or full size • Fall crop

Versatile variety with beautiful bronze leaves for salad mix or full-size heads. Color varies from reddish-bronze to deep red on the tips with dark green bases. As its translated name Red of Winter implies, this variety does particularly well in the cool conditions of the fall and winter. See baby leaf photo on page 52.

GREEN ROMAINE

2606 Aerostar 21 days baby, 55 full size

OP • **UP** • HR: **DM (16-27, 29, 32), LMV / MT0-30** • Baby leaf or full size • Reliable

Midsize dark green romaine with excellent disease resistance. A dual-purpose variety that works well for medium-sized romaine heads or as a baby leaf. Dark green leaves are relatively smooth, heading up well all season long; an essential component of our DMR Salad Mix. From Vitalis Organic Seeds. See baby leaf photo on page 52. *Limited availability in 2021*

2543 Freckles 28 days baby, 55 full size

HEIRLOOM • For baby or full size • Heat tolerant

An unusual bright green romaine with crimson splashes. Upright growth, early coloring and crisp texture make this an excellent choice for both baby leaf and full size heads. Heat tolerant with a similar texture to Jericho or Pirat. See baby leaf photo on page 52.

2596 Parris Island Cos 28 days baby, 55 full size

OP • IR: **LMV, TB** • Upright habit

Fast-growing, multi-purpose lettuce for baby leaf or full size heads. Baby leaves size up quickly for salad mixes while the upright, uniform grey-green heads have nicely savoyed leaves. Medium-slow to bolt. See baby leaf photo on page 52.

2559 Winter Density 28 days baby, 55 full size

OP • Heat and frost tolerant • Reliable

A lettuce for all seasons. Tightly folded, dark green, round heads sit high on the stem for good airflow. Texture is a cross between butterhead and romaine with good flavor all seasons. Requires cool temperatures for germination. See baby leaf photo on page 52.

2580 Coastal Star 57 days full size

OP • IR: **CR / MT0-30** • Tall, sturdy heads

Heat tolerant romaine for spring or late summer harvests. Coastal Star is a dark green, tall romaine similar to Parris Island or Darkland Cos, but taller and darker. Sturdy heads with a firm rib down the center; great for packing in boxes. From our partners at Vitalis Organic Seeds. Available as raw and pelleted seed.

2587 Jericho 28 days baby, 57 full size

OP • IR: **DM, PM, TB / MT0-30** • Spring/summer crop • Field or greenhouse

Bright green leaves, unique silky texture and sweet flavor even in the heat of summer. Good selection for indoor or outdoor cultivation with some tolerance to powdery mildew and downy mildew as well as excellent resistance to heat stress and tip burn. See baby leaf photo on page 52.

2586 Green Towers 60 days full size

OP • **MT0-30** • Uniform stand • 10-12" tall

The industry standard for high-quality, full-bodied heads. Dependable, tall, dark green plants are ideal for market and wholesale growers who need consistent quality. Widely adapted and tolerant of corky root. Available as raw and pelleted seed.

SUMMER CRISP

2544 Concept 48 days full size

OP • Dark green and extra crisp

A cross of a summer crisp with a romaine combines a dark green color with the open shape and bolt tolerance we need when the heat cranks up. Has the crunch and flavor of romaine. In our trials, it was a clear standout both for flavor and appearance with everyone agreeing it was gorgeous — even after a full week of heat.

2575 Lovelock 48 days full size

OP • HR: **DM (1-27, 29, 32), LMV / MT0-30** • Full size heads

Heat-tolerant whorls of bright green leaves with deep red coloring on the leaf margins. Heads close in late at maturity, forming a dense, crisp head. Almost identical to Luana with better disease resistance and darker red tinge on the leaves. High Mowing is proud to be the exclusive producer of organic seed for this variety thanks to our partnership with Vitalis Organic Seeds. Available as raw and pelleted seed. A portion of the sales of this variety is paid to the breeder.



Lovelock

2564 Magenta 48 days full size

OP • HR: **DM (1-16, 19, 21) / IR: LMV / MT0-30** • Spring/summer plantings

Summer crisp with crunchy bronze leaves and a bright green heart. Our growers love this variety for its crisp texture, heat tolerance, strong disease resistance and long shelf life. Displayed impressive resistance in our trials during six weeks of constant rain. Available as raw and pelleted seed.



Magenta



Nevada

2561 Nevada 55 days full size

OP • IR: **DM, LMV / MT0-10** • Bolt tolerant

Excellent summer variety forms large, open heads of thick, vibrant green leaves. Glossy and beautifully ruffled leaves with a satisfying combination of crunchy texture and buttery smoothness. Summer crisp characteristics lend excellent bolt and tip burn resistance while maintaining good texture and flavor in summer heat.

BUTTERHEAD / BIBB

2555 Kweik 50 days full size

OP • IR: **DM, LD, TB** • Very disease resistant

Fast-growing, lime green heads suited to cool seasons and unheated hoopouses. Large, tender leaves head up quickly for foolproof performance in cold weather. Exhibits strong field resistance to downy mildew, tip burn and sclerotinia stem rot; very reliable.



Kweik



Mirlo

2578 Mirlo 50 days full size

OP • UP • HR: **APH, DM (16-28, 30-32), TBSV / IR: LMV / MT0-30**

Very large, pale-green butterhead with luxurious appearance and excellent disease resistance. Broad heads packed with tender, buttery leaves have an especially soft and cloud-kissed look. Well-filled, dense heart and relatively early for its size. Strong internal tip burn resistance. Our favorite among all the varieties in our extensive butterhead trials. From our partners at Vitalis Organic Seeds.

2579 Alkindus 52 days full size

OP • HR: **DM (1-9), TBSV / IR: LMV / MT0-30** • All season lettuce

Uniform red butterhead with thick, slightly ruffled Cabernet colored leaves. Dark red outer leaves with a beautiful bright green heart. The leaves are shiny, dense, and durable, making them resistant to damage during washing and handling. High resistance to downy mildew and red aphids. Plants keep well in the field throughout the season and do not get bitter with heat.



Alkindus



Optima

2562 Optima 52 days full size

OP • IR: **BR, DM, LMV, TB / MT0-10** • Nancy-type • Uniform stand

Large, dark green butterhead for spring production. Optima is thick-leaved; consistently producing perfect, dense heads. Its velvety texture and buttery flavor are sure to be a hit in every salad. Shows field resistance to downy mildew, lettuce mosaic virus and bolting.

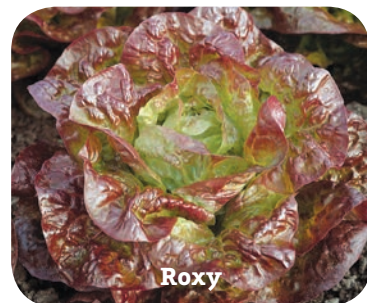
2597 Pirat 55 days full size

HEIRLOOM • IR: **BR, DM, LD, TB, WM** • Heat tolerant

Tender heads with notably superior flavor and texture, blanched hearts and red-tinged outer leaves. Bested every other variety for taste and texture in our lettuce trials and also rates as one of the best butterheads in combined resistances.



Pirat



Roxy

2566 Roxy 60 days full size

OP • HR: **DM (16, 21, 23, 32) / MT0-30** • Spring crop • Holds well

High-quality butterhead with glossy red outer leaves and a big, bright green heart. Roxy is a standard organic variety in Europe and the U.S. Holds very well in the field and has good resistance to tip burn. From our partners at Vitalis Organic Seeds. Available as raw and pelleted seed.

ICEBERG

2545 Crispino 57 days full size

OP • Classic iceberg • Widely adaptable

A uniform, unfussy variety for those who don't live in ideal iceberg country. Crispino has done extremely well in our trials for two years running, with dependably high yields of sweet, tight, white-hearted heads amidst dark green outer leaves. It holds up in the field and keeps well in the cooler. *Unavailable in 2021*



Crispino



Saladin

new 2549 Saladin 62 days full size

OP • HR: **DM (1, 2, 5-7)** • Iceberg-type • Bolt resistant • Spring/summer planting

Thick, crispy leaves that are sweet and refreshing, offering a classic iceberg taste. Large, tightly wrapped heads of flavorful leaves, ideal for the perfect wedge salad. Glossy, dark green leaves are tender at the leaf margin and thicken towards the root. Excellent field holding quality and extended cooler shelf life post-harvest.

Baby Leaf



VARIETY	TYPE	DAYS TO MATURITY	DISEASE RESISTANCES (HR/IR)
2606 Aerostar	UP • Romaine	21 days	HR: DM (16-27, 29, 32), LMV / MT0-30
2574 Defender	Romaine	28 days	HR: DM (1-16, 19, 21, 23)
2596 Parris Island Cos	Romaine	28 days	IR: LMV, TB
2587 Jericho	Romaine	28 days	IR: DM, PM, TB / MT0-10
2559 Winter Density	Romaine	28 days	No known resistances
2550 Black Seeded Simpson	Green Leaf	28 days	IR: DM, LD, TB
2563 Waldmann's	Green Leaf	28 days	IR: TB / MT0-10
2551 Green Star	Green Leaf	30 days	IR: DM (1-18) / MT0-10
2547 Celinet	UP • Green Leaf	28 days	HR: APH, DM (16-32), TBSV / IR: LMV / MT0-30
2558 Tango	Oak Leaf	32 days	No known resistances
2605 Salad Bowl	Oak Leaf	28 days	No known resistances
2540 Sandy	Oak Leaf	21 days	IR: TB
2543 Freckles	Romaine	28 days	No known resistances
2604 Red Tide - Limited availability	Red Leaf	28 days	IR: BR, TB / MT0-10
2598 Red Oak Leaf	Oak Leaf	30 days	IR: DM, LD, TB
2599 Red Salad Bowl	Oak Leaf	28 days	IR: TB
2590 Dark Lollo Rossa	Red Leaf	30 days	No known resistances
2593 Galactic	Red Leaf	30 days	IR: DM (1-6) / MT0-10
2592 Outredgeous	OSSI • Romaine	30 days	MT0-10
2600 Rouge d'Hiver	Romaine	28 days	IR: LD, TB

Find pricing details on page 53.

PELLETED LETTUCE SEED - SOLD BY SEED COUNT		100	1 M	5 M	25 M	50 M	100 M	500 M*
new	2582P Bellevue Pelleted	\$ 5.75	\$ 12.00	\$ 10.00/M	\$ 8.60/M	\$ 7.30/M	\$ 6.50/M	\$ 6.30/M
	2614P Brentwood Pelleted	\$ 3.95	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2611P Buckley Pelleted	\$ 3.95	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2619P Burgandy Pelleted	\$ 3.95	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2580P Coastal Star Pelleted	\$ 2.95	\$ 8.50	\$ 5.60/M	\$ 5.20/M	\$ 4.30/M	\$ 4.05/M	\$ 3.56/M
	2627P Encino Pelleted	\$ 5.75	\$ 12.00	\$ 9.60/M	\$ 8.00/M	\$ 7.00/M	\$ 5.50/M	\$ 4.70/M
	2617P Ezbruke Pelleted	\$ 3.95	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2613P Ezrilla Pelleted	\$ 3.95	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2586P Green Towers Pelleted	\$ 2.95	\$ 4.00	\$ 3.00/M	\$ 2.20/M	\$ 1.90/M	\$ 1.70/M	\$ 1.43/M
	2612P Hampton Pelleted	\$ 3.95	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2575P Lovelock Pelleted	\$ 5.75	\$ 12.00	\$ 9.60/M	\$ 8.00/M	\$ 7.00/M	\$ 5.50/M	\$ 4.70/M
	2564P Magenta Pelleted	\$ 2.95	\$ 5.10	\$ 3.44/M	\$ 2.34/M	\$ 2.15/M	\$ 1.56/M	\$ 1.37/M
new	2576P Newham Pelleted	\$ 7.00	\$ 20.00	\$ 11.80/M	\$ 9.92/M	\$ 9.30/M	\$ 8.50/M	\$ 7.80/M
	2594P New Red Fire Pelleted	\$ 2.95	\$ 5.00	\$ 3.40/M	\$ 2.44/M	\$ 1.90/M	\$ 1.60/M	\$ 1.43/M
	2569P Pomegranate Crunch Pelleted	\$ 5.75	\$ 10.25	\$ 8.20/M	\$ 7.40/M	\$ 6.50/M	\$ 5.95/M	\$ 5.80/M
	2566P Roxy Pelleted	\$ 6.20	\$ 14.20	\$ 11.60/M	\$ 10.00/M	\$ 8.50/M	\$ 7.15/M	\$ 6.40/M
	2581P Spretnak Pelleted	\$ 6.20	\$ 13.25	\$ 10.60/M	\$ 9.92/M	\$ 8.36/M	\$ 6.00/M	\$ 5.00/M
	2626P Truchas Pelleted	\$ 6.20	\$ 13.25	\$ 10.60/M	\$ 9.92/M	\$ 8.36/M	\$ 8.00/M	\$ 7.65/M
new	2568P Xalbadora Pelleted	\$ 7.00	\$ 20.00	\$ 11.80/M	\$ 9.92/M	\$ 9.30/M	\$ 8.50/M	\$ 7.80/M

RAW LETTUCE SEED - SOLD BY SEED WEIGHT		FULL/BABY/BOTH	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb
	2550 Black Seeded Simpson	BOTH	\$ 2.95	\$ 5.00	\$ 7.25	\$ 14.00	\$ 30.00	\$ 44.00	\$ 40.00/lb
	2544 Concept	FULL	\$ 2.95	\$ 8.00	\$ 22.00	\$ 50.00	\$ 150.00	\$ 250.00	\$ 220.00/lb
	2545 Crispino - <i>Unavailable in 2021</i>	FULL	\$ 2.95	\$ 7.00	\$ 20.00	\$ 48.00	\$ 150.00	\$ 265.00	\$ 220.00/lb
	2590 Dark Lollo Rossa	BOTH	\$ 2.95	\$ 5.50	\$ 9.25	\$ 28.00	\$ 76.00	\$ 135.00	\$ 130.00/lb
	2574 Defender	BABY	\$ 2.95	\$ 7.10	\$ 11.00	\$ 36.00	\$ 105.00	\$ 178.00	\$ 153.00/lb
	2543 Freckles	BOTH	\$ 2.95	\$ 7.80	\$ 12.00	\$ 23.00	\$ 64.00	\$ 104.00	\$ 90.00/lb
	2551 Green Star	BOTH	\$ 2.95	\$ 6.25	\$ 14.00	\$ 36.00	\$ 81.00	\$ 125.00	\$ 97.00/lb
	2587 Jericho	BOTH	\$ 2.95	\$ 4.80	\$ 10.50	\$ 26.50	\$ 75.00	\$ 135.00	\$ 128.50/lb
	2555 Kweik	FULL	\$ 2.95	\$ 8.00	\$ 23.00	\$ 46.00	\$ 155.00		
	2592 Outredgeous	BOTH	\$ 2.95	\$ 5.10	\$ 10.00	\$ 36.00	\$ 95.00	\$ 165.00	\$ 155.00/lb
	2596 Parris Island Cos	BOTH	\$ 2.95	\$ 5.00	\$ 6.00	\$ 15.00	\$ 36.00	\$ 50.00	\$ 40.00/lb
	2597 Pirat	FULL	\$ 2.95	\$ 6.65	\$ 12.00	\$ 35.00	\$ 110.00	\$ 200.00	
	2598 Red Oak Leaf	BOTH	\$ 2.95	\$ 4.55	\$ 6.15	\$ 13.45	\$ 32.65	\$ 47.25	\$ 43.00/lb
	2599 Red Salad Bowl	BOTH	\$ 2.95	\$ 4.00	\$ 6.00	\$ 15.00	\$ 35.00	\$ 55.00	\$ 47.00/lb
	2600 Rouge D'Hiver	BOTH	\$ 2.95	\$ 6.00	\$ 9.45	\$ 18.00	\$ 42.00	\$ 75.00	\$ 65.00/lb
	2605 Salad Bowl	BOTH	\$ 2.95	\$ 4.20	\$ 6.40	\$ 13.30	\$ 32.00	\$ 55.00	\$ 47.00/lb
	2540 Sandy	BOTH	\$ 2.95	\$ 6.25	\$ 9.05	\$ 12.85	\$ 40.80	\$ 69.50	\$ 61.60/lb
	2558 Tango	BOTH	\$ 2.95	\$ 4.60	\$ 7.25	\$ 21.00	\$ 58.00	\$ 110.00	\$ 90.00/lb
	2608 Vulcan	FULL	\$ 2.95	\$ 5.55	\$ 12.00	\$ 30.00	\$ 84.15	\$ 146.00	\$ 123.00/lb
	2563 Waldmann's	BOTH	\$ 2.95	\$ 5.10	\$ 10.25	\$ 25.50	\$ 68.50	\$ 117.00	\$ 102.00/lb
	2559 Winter Density	BOTH	\$ 2.95	\$ 8.05	\$ 12.50	\$ 27.00	\$ 63.65	\$ 105.00	\$ 91.00/lb

RAW LETTUCE SEED - SOLD BY SEED COUNT		FULL/BABY/BOTH	500	5 M	25 M	50 M	100 M	500 M
	2606 Aerostar - <i>Limited availability in 2021</i>	BOTH	\$ 2.95	\$ 1.20/M	\$ 1.00/M	\$ 0.86/M	\$ 0.75/M	\$ 0.70/M
	2579 Alkindus	FULL	\$ 5.40	\$ 8.40/M	\$ 7.40/M	\$ 6.70/M	\$ 6.40/M	\$ 6.00/M
	2548 Cantarix	FULL	\$ 8.00	\$ 9.80/M	\$ 8.72/M	\$ 7.90/M	\$ 7.85/M	\$ 7.40/M
	2547 Celinet	BABY	\$ 2.95	\$ 1.65/M	\$ 1.16/M	\$ 0.90/M	\$ 0.85/M	\$ 0.75/M
	2580 Coastal Star	FULL	\$ 5.25	\$ 4.20/M	\$ 3.60/M	\$ 3.40/M	\$ 3.25/M	\$ 3.01/M
	2627 Encino	FULL	\$ 5.00	\$ 8.00/M	\$ 7.00/M	\$ 5.50/M	\$ 4.10/M	\$ 3.60/M
	2593 Galactic	BABY	\$ 2.95	\$ 0.80/M	\$ 0.60/M	\$ 0.46/M	\$ 0.38/M	\$ 0.30/M
	2586 Green Towers	FULL	\$ 2.95	\$ 0.90/M	\$ 0.65/M	\$ 0.57/M	\$ 0.49/M	\$ 0.41/M
	2575 Lovelock	FULL	\$ 4.00	\$ 7.00/M	\$ 5.00/M	\$ 4.00/M	\$ 3.75/M	\$ 3.00/M
	2564 Magenta	FULL	\$ 2.95	\$ 1.10/M	\$ 0.80/M	\$ 0.70/M	\$ 0.60/M	\$ 0.50/M
	2578 Mirlo	FULL	\$ 5.95	\$ 7.60/M	\$ 6.80/M	\$ 6.10/M	\$ 5.75/M	\$ 5.30/M
	2561 Nevada	FULL	\$ 2.95	\$ 1.75/M	\$ 1.39/M	\$ 1.31/M	\$ 1.14/M	\$ 1.05/M
	2594 New Red Fire	FULL	\$ 2.95	\$ 1.13/M	\$ 0.82/M	\$ 0.72/M	\$ 0.51/M	\$ 0.46/M
	2562 Optima	FULL	\$ 2.95	\$ 1.20/M	\$ 0.90/M	\$ 0.80/M	\$ 0.60/M	\$ 0.50/M
	2577 Red Mist	FULL	\$ 5.00	\$ 8.00/M	\$ 7.00/M	\$ 5.50/M	\$ 4.10/M	\$ 3.60/M
	2604 Red Tide - <i>Limited availability</i>	BOTH	\$ 2.95	\$ 1.40/M	\$ 1.00/M	\$ 0.08/M	\$ 0.75/M	\$ 0.70/M
	2566 Roxy	FULL	\$ 7.00	\$ 9.40/M	\$ 6.92/M	\$ 6.50/M	\$ 6.05/M	\$ 5.60/M
new	2549 Saladin	FULL	\$ 2.95	\$ 1.20/M	\$ 1.00/M	\$ 0.86/M	\$ 0.75/M	\$ 0.70/M
	2581 Spretnak	FULL	\$ 5.90	\$ 9.80/M	\$ 8.60/M	\$ 7.96/M	\$ 7.65/M	\$ 7.40/M
	2629 Tropicana	FULL	\$ 5.25	\$ 4.20/M	\$ 3.60/M	\$ 3.40/M	\$ 3.25/M	\$ 3.01/M
	2567 Two Star	FULL	\$ 2.95	\$ 1.84/M	\$ 1.53/M	\$ 1.33/M	\$ 1.12/M	\$ 0.97/M

Larger volumes available; please call for pricing. *For 500 M pelleted seed, add \$12.



Melons

Cucumis melo

Brendan trellises the True Love F1 melon female parent line in our seed crop.

CULTURAL INFO: Days to maturity are from transplants; add 10-14 days if direct seeding. Melons are warm-season tender annuals that require fertile soils with lots of organic matter, moisture and full sun. Direct seed 1-2 weeks after last frost date or sow seed indoors 4 weeks before planting date. Optimal soil temperature for germination is 75-85°F. Harden off by reducing temperature and water. Plant outdoors when all danger of frost has passed. Plastic mulch and floating row cover are useful in cool climates. Harvesting melons can be tricky. In general: Muskmelons slip from the vine; Charentais can be cut at half or full slip; Galias slip from the vine and turn bright yellow. Ripe melons usually keep up to four weeks in cold storage.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Melons are particularly susceptible to leaf blights that can be controlled by using disease-free seed, crop rotations and fungicidal sprays. Always check with your certifier before applying any broad spectrum organic controls. Fruit rots such as anthracnose, scab and fusarium rot are common under wet conditions. Provide adequate airflow by giving plants wide spacing. Avoid wetting the foliage by watering with drip irrigation and watering early in the day so the leaves have a chance to dry out. Powdery

mildew can be avoided by providing good air circulation; give plants wide spacing, eliminate weeds, and select resistant varieties. Bacterial wilt and cucumber mosaic virus should be controlled by removing and destroying infected plants. Striped cucumber beetles cause feeding damage to the leaves and larvae feed on roots. They often transmit bacterial wilt season to season. Row cover can provide protection, but must be removed during flowering to allow pollination. Practice crop rotation and good sanitation habits to eliminate the risk of pests overwintering.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **CA-Cotton Aphid, FW-Fusarium Wilt (races indicated if known), PM-Powdery Mildew (races indicated if known)**

SEED SPECS: 1-1.25M (1.12M avg) seeds/oz, 16-20M (18M avg) seeds/lb. M=1,000. **1/32 oz approx. 35 seeds.** Direct seeding rate: 3 seeds every 18", thin to 1 plant in rows 5-6' apart. Transplants: 24-30" apart in rows 5-6' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



First Kiss F1



Divergent F1

CANTALOUPE

2633 **First Kiss F1** 71 days

HYBRID • **HMOS EXCLUSIVE** • HR: **FW (2), PM (1&2)** • 1-2 lb

Taste-test-winning, early melon with firm, sweet flesh. Our earliest melons with a beautiful, orange-tinted, netted rind and impressive disease resistance. The melons are full slip, which allows for easy ripeness detection. Bred by Dr. Brent Loy at the University of New Hampshire, this variety is the perfect partner to True Love F1, which is slightly later and larger, extending the melon harvesting season. A portion of sales are paid to the breeder.

2647 **Divergent F1** 74 days

HYBRID • HR: **FW (0, 1, 2)** / IR: **CA, PM (1, 2, 5)** • Widely adaptable • 2.5-3 lbs

Divergent F1 rarely diverges from delicious. This stunning melon that's part cantaloupe and part galia is reliably sweet, with a Brix range of 15-18°. Vigorous and quick to mature, Divergent F1 ripens well ahead of much of its size class with strong yields of medium, round fruit. The outside appearance is more of a galia, with a low netting and almost no rib. Watch closely so as not to miss the harvest; it ripens uniformly and is ready when background color is half green and half gold. Plant successions to extend the season. From Vitalis Organic Seeds.

Stories of RESILIENCE



Becky Bazille is the owner and operator of Northshore Greens in Covington, Louisiana. The farm is a small-scale, no-till operation with a focus on regenerative farming practices. Northshore opened for business at the beginning of 2020 and was forced to adapt quickly. While challenges arose from the ever-changing restrictions and regulations regarding food safety, the demand for locally sourced produce soared. "2020 was our first growing season. Our first farmers market was March 14, right when all the Covid-19 restrictions began, and the demand for local food increased every week."

“There is a hunger for change in our food system and the response from our local community is a sure sign of it. We sold out 14 of the 15 markets we attended.”

2630 **PMR Delicious 51** 75 days

OP • HR: **FW (1), PM** • Eastern type • 2-3 lbs

Reliably early melon, ripening quickly for heavy yields of aromatic fruit. Juicy, perfectly sweet flesh is dark orange with creamy texture and strong flavor. Thinner skin than hybrids but holds well for market and in storage. Excellent resistance to powdery mildew and well adapted for northern growers. Harvest at full slip. Bred by Dr. Henry Munger at Cornell University. A portion of sales are paid to the breeder.



PMR Delicious 51

2635 **True Love F1** 76 days

HYBRID • **HMOS EXCLUSIVE** • HR: **FW (2), PM (1&2)** • 2-3 lb

High-sugar melon with near-perfect texture designed to complement its sister variety, First Kiss F1. A testament to our trials process, this melon is the perfect complement to First Kiss F1 as it is full slip, slightly later and larger, and can be planted as a second succession for continual melon harvest. The aromatic sweetness of this melon evokes the feelings of true love, and this show stopping cultivar comes to us from Dr. Brent Loy at the University of New Hampshire. A portion of the sales of this variety is paid to the breeder.



Sivan F1



True Love F1

SPECIALTY

2655 **Sivan F1** 82 days

HYBRID • IR: **FW, PM** • Charentais-type • 1.5-2 lbs

Reliable, small, round melons with superior sugary, deep-orange flesh. A huge hit in our trials every year. Smooth, heavily netted melons with very sweet fine-grained flesh. Excellent for market, wholesale or the garden. Harvest at half-slip and ripen for three days at 70°F, then chill. Excellent powdery mildew resistance. A favorite from our partners at Genesis Seeds.

MELON SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT	1/32 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb
2630 PMR Delicious 51	\$ 2.95	\$ 6.75	\$ 12.25	\$ 26.00	\$ 88.75	\$ 75.00/lb
MELON SEED - HYBRID - SOLD BY SEED COUNT	10	50	250	1 M	5 M	25 M
2647 Divergent F1	\$ 6.95	\$ 16.00	\$ 56.00	\$ 195.00	\$ 173.00/M	\$ 160.00/M
2633 First Kiss F1	\$ 6.50	\$ 16.00	\$ 59.00	\$ 160.00	\$ 110.00/M	\$ 102.00/M
2655 Sivan F1	\$ 2.95	\$ 9.00	\$ 22.00	\$ 55.00	\$ 50.00/M	\$ 42.00/M
2635 True Love F1	\$ 6.50	\$ 16.00	\$ 59.00	\$ 160.00	\$ 110.00/M	\$ 102.00/M

Larger volumes available; please call for pricing.

Stories of RESILIENCE



Brian Truong is a nature enthusiast, tinkerer, stay at home dad and an avid and experienced gardener in Southern California. Brian takes his role as a provider seriously and has found deep purpose growing in his garden for his family during these uncertain times. Brian roots his practice in what he calls “Earth Systems Science.” By being attuned to the unique

needs of each plant and providing the growing conditions necessary for optimal production with limited inputs, Brian has spent the last 11 years honing an efficient system that generates a bounty for his young family, every season.

“To modernize gardening, I am growing for small yields and variety. These harvests epitomize the ‘garden to table’ experience. With small yields, most harvests from the garden go straight into the kitchen. Rather than store and eat a few things until we are sick of them, we have other goodies to harvest to make different dishes. For a specific example, I am growing potatoes in successions. I will plant one or two potatoes each month where space becomes available. To continue the timing cycle, I set aside one potato from each harvest to chit and plant.”

Brian sees the potential for each of us to embody the change we seek.

“As individuals we can build a better, more just world by slowing down and being mindful about consumption.”

“Economics in its simplest form is concerned with the management of scarce resources. By nature of economics, when we consume, we take away from the supply. The more we consume, the greater the scarcity. Scarcity leads to social inequalities. If we slow down and live a more fulfilling life, we will not rely on consumption to relieve the stress of our fast-paced lifestyles.”

A close-up photograph of a person's hand holding a large quantity of multi-colored corn seeds (red, yellow, and black). The hand is positioned in the lower right foreground. In the background, there is a mound of dark brown soil and a piece of blue fabric, possibly a shirt sleeve, which is slightly out of focus. The overall composition suggests themes of agriculture, community, and resilience.

Hope is

SOWING THE SEED

Through the challenges of 2020, the intersectional nature of community was highlighted: how we each have a role to play and some magic to make to keep us growing, adaptive and resilient. Moments of hardship will always reveal the injustices and the work left to be done. They simultaneously catalyze the very people that can provide the skills and courage necessary to bring about change.

the **Seeds**

WE ISOLATED. As it became clear that gatherings were potential threats to the safety of our communities, our way of life adapted. As many found themselves stuck in apartments, confined in homes or quarantined to the sunshine of their land without the comradery of their people, we began a very individual journey. People used their time alone to innovate and strategize. Essential businesses came up with safe, inclusive ways to get resources to their communities. Growers developed contactless payment strategies, opened CSAs and connected their produce to the food insecure in their region.

the **Soil**

WE PLANTED. Whether we had access to farmland, a front lawn, a patio outside the apartment, or a community garden in the city, one thing is certain: people were inspired to grow their own food. Some planted for the first time while others expanded to help curb shortages and disruptions in the food chain. The soil encountered many new hands planting seemingly endless seeds. A reimagining took place, and we once again looked to the ground beneath our feet for stability and sustenance. A renewed appreciation for what our own hands are capable of created confidence and resilience in our communities.

A close-up photograph of a person's hand holding a small pile of multi-colored corn cobs (red, yellow, blue, and white). The hand is positioned in the lower-left foreground. In the background, a blue quilt with various patterns is visible, draped over what appears to be a person's legs. The overall scene is set against a dark, textured ground.

s a Seed

DS OF RESILIENCE

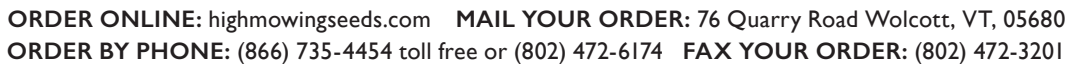
These people are seeds, and their work in this world is essential. We recognize the hope they plant, harvest and share. We see how the hero in each of us blooms when resources, community support and access are equally distributed. As we mourn those we've lost and reconcile the evolving challenges ahead, we have been tasked to plant our own seeds of hope and to share the bounty at harvest.

the Growth

WE GREW. These individual efforts became a patchwork quilt of growing spaces. This quilt of new growth began connecting the continent together as new gardens and farms popped up, accepting sunlight, moisture, pollinators and a new wave of land stewards. Where grass used to be, the sweet fruits of summer were being shared. A fresh sense of community was blooming. Beautiful gardens, bountiful harvests and stories of resilience wrote our collective biography through the handheld lenses of so many individuals facing the challenges head on with grace and compassion.

the Harvest

WE HARVESTED. 2020 doled out many meaningful lessons about how we care for one another and we gleaned much more than just vegetables this year. As we collectively took a difficult journey inward, we garnered the power to sprout an outward commitment to action. In this catalog, you will read the stories of people from across North America who have sown the seeds of resilience. Their individual efforts in their hometowns and regions reflect a powerful truth: a hopeful future is only possible if we choose to engage with the world and use our own two hands to create it.



Okra *Abelmoschus esculentus*

Freshly sliced Clemson Spineless 80 ready to be roasted, sauteed or fried.

CULTURAL INFO: Days to maturity are from transplant. Okra is a warm-season annual. It prefers rich soils that are well drained. Plants are fairly drought and heat tolerant. Start seedlings indoors 4-6 weeks before planting date. Optimal germination temperature is 80-90°F. Transplant after danger of frost has passed. Pollination may be poor when temperatures fluctuate above 90°F or below 55°F. Pick fruits at 3-4" long and when they snap from the plant. Store at 45-50°F with a relative humidity of 85-95%.

DISEASE & PESTS: Diseases are best avoided by crop rotations and adequate spacing to promote plant dryness; avoid working in fields when wet. Fusarium wilt (*Fusarium oxysporum*)

and Verticillium wilt (*Verticillium albo-atrum*) are the most common diseases that affect okra. Powdery mildew, Cercospora leaf spot and other common fungal diseases can infect stems, leaves and pods. Okra is very susceptible to root knot nematodes. Do not plant in areas where nematode pressure is high. Major insect pests include whiteflies, aphids and corn earworm.

SEED SPECS: 400-500 (450 avg) seeds/oz, 6.5-8M (7.3M avg) seeds/lb. M=1,000.

1/16 oz approx. 30 seeds. Direct seeding rate: 3 seeds every 12-18", thin to 1 plant in rows 36" apart. Transplants: 12-18" apart in rows 36" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

2668 Clemson Spineless 80 55 days

OP • Productive • 3-4" pods

Very productive variety with early, bright green pods. This new and improved version of the tried-and-true Clemson Spineless variety offers up pain-free picking and earlier production. The plants yield more than the previous incarnation and plants have a taller, more open habit. Harvest young for peak tenderness.

2667 Burgundy 65 days

OP • Ornamental and edible • 6-8" pods

High-yielding plants with beautiful, red pods that stay tender as they gain in size. This striking red stemmed, green-leaved plant is highly productive and has performed well in our hoophouse trials in Northern Vermont. The gorgeous, cream-colored flowers are edible, and pods left on the plant to dry make great additions to floral arrangements. *Unavailable in 2021*



Clemson Spineless 80



Burgundy

OKRA SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1 oz	1/4 lb	1 lb	5 lb
2667 Burgundy - <i>Unavailable in 2021</i>	\$2.95	\$3.50	\$10.75	\$19.00	\$15.40/lb
2668 Clemson Spineless 80	\$2.95	\$3.50	\$10.75	\$19.00	\$15.40/lb

Larger volumes available; please call for pricing.

Stories of RESILIENCE



Chaz Daughtry is the farmer and owner of Sweetwater Farm HTX in Houston, Texas. Managing 6 acres of urban farmland using organic practices, Chaz produces food that is distributed to local restaurants, local farmers markets and to individuals facing food insecurity. His farm is also a classroom where he shares the ins and outs of organic farming with youth in hopes of inspiring future agrarians and agricultural innovators.

“I love seeing the smiles on the kids' faces when they finally get to eat something that they have spent weeks of hard work growing.”

“Sharing agriculture with youth is so important because it creates new opportunities. Often the youth that we work with only think about becoming a professional athlete, doctor or lawyer, but with our farm, we can expose them to the world of agriculture. As individuals, we could make a difference by mentoring children. Every child needs a great mentor and someone to look up to. I believe mentoring youth at an early age has a huge, positive impact on the world.”

Onions

Allium cepa

Bear Roots Farm in Williamstown, VT bringing in their summer onion crop to cure.

CULTURAL INFO: Days to maturity are from direct seeding, subtract 1-2 weeks if transplanting. Onions are cool-season biennials dependent on day length for bulb formation. Short-day onions start forming bulbs with 11-12 hours of daylight, long-day onions need 14-16 hours, intermediate-day onions fall in between. Start transplants indoors 8-12 weeks before last frost. Optimal soil temperature for germination is 75-85°F. When seedlings reach 5", trim to increase girth. Onions compete poorly with weeds and steady water is important. Sweet and red onions can be harvested after bulb development. Storage onions can be harvested after tops dry up and flop over. Pull bulbs from ground and cure for 3-5 days in the field if weather is dry or indoors for 2 weeks at 75-80°F and 80% relative humidity. Store at 33-35°F at 65-70% relative humidity.

DISEASE & PESTS: Botrytis leaf blight (*Botrytis squamosa* and *Botrytis cinerea*) develops as small lesions on the leaf. The fungus persists in the soil and on crop residues. Protectant organic

fungicides can be applied in advance when cool, wet conditions are expected. Purple blotch (*Alternaria porri* and *Alternaria alternata*) appears as elongated purple lesions that turn silvery over time. Best prevention methods are to practice good sanitation and crop rotation with non-host plants. Control measures are similar to those for Botrytis blight and downy mildew.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **BR-Basal Rot**, **DM-Downy Mildew**, **PR-Pink Root**

SEED SPECS: 6-8M (7M avg) seeds/oz, 95-125M (110M avg) seeds/lb. M=1,000. **1/64 oz approx. 100 seeds.** Direct seeding rate: 20 seeds/foot in a 2" band, thin to 1 plant every 3-4" in rows 12-18" apart. Transplants: Single plants or plugs of 2-3 plants every 6-8" in rows 12-18" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

ONIONS



Ailsa Craig



Gladstone



Walla Walla



Valencia



Yellow Cipollini



New York Early

SWEET

2683 Ailsa Craig 105 days

HEIRLOOM • Long day • Large 5-6" bulbs

Large Spanish onion with delicious, sweet flavor perfect for burgers and salads. Huge bulbs are mild, sweet and firm with light golden skins. Small necks allow for longer storage than other Spanish-types; stores up to two months. Named for a perfectly round, solid rock island off the coast of Scotland. *Unavailable in 2021*

2682 Gladstone 110 days

OP • IR: **PR** • Intermediate day • 4-5" bulbs

A widely adapted, fresh market white onion for growers in the northern and middle regions of the country. Dark green foliage, great for bunching. Medium to large bulbs resist greening and are mildly sweet with very firm flesh. Moderate storage potential; some susceptibility to smudge. From our partners at Bejo Seeds.

2680 Walla Walla 110 days

OP • Intermediate day • Large 6" bulbs

The famous Walla Walla onion selected for increased uniformity and disease resistance. Light brown skin and very mild, sweet white flesh. Improved variety produces large round bulbs, upright tops and necks that dry down well. Held out against disease far longer than other open-pollinated onions in our trials. Commercial growers outside the Walla Walla Valley, please visit sweetonions.org/marketing-order for more information. *Unavailable in 2021*

2702 Valencia 115 days

OP • Day neutral • 4" bulbs

Versatile, day-neutral sweet Spanish onion for all regions. Mild to sweet flavor. Excellent for bunching when young or for fresh market sales of large bulbs with warm golden-brown skin. Stores moderately well.

YELLOW

2671 Yellow Cipollini 80 days

OP • Long day • Stores 2-3 months • 3-4" bulbs

Flattened yellow onion with great flavor. Exceptionally strong flavor that sweetens with cooking. Great for grilling, roasting and pickling. Small bulbs won't store for more than a few months but are so delicious that you won't need them to. *Unavailable in 2021*

2703 New York Early 98 days

OP • Long to intermediate day • Stores well • 3-4" bulbs

An early and dependable yellow onion selected to store until spring. Medium-sized round bulbs with attractive warm brown skin and white flesh mild enough to eat raw all winter. Milder and more tender than most yellow onions, but equally reliable in storage. Developed for direct seeding in the rich muck soils of Orange County, NY; further improved by Johnny's Selected Seeds.

2691 **Gabriella F1** 100 days

HYBRID • Short day • Grano-type • 3-4.5" bulbs

Fresh market globe onion for southern growers. Large, uniform bulbs with attractive shape and light brown skin. High yields of very mild to sweet onions. A mid-season variety suited to southern growing regions; resists bolting. Good general intermediate resistances against leaf diseases. Not suited for long storage. *Unavailable in 2021*

2684 **Cortland F1** 105 days

HYBRID • IR: **PR** • Long day • Stores well • 3-4" bulbs

Thick copper skin, fine necks and uniform round shape; the standard for organic growers. From the breeders of Copra F1 and Prince F1, Cortland F1 is considered an improvement based on its wider adaptability to many conditions and long storage life. This solid variety comes from our partners at Bejo Seeds.

2677 **Sedona F1** 108 days

HYBRID • HR: **PR** / IR: **BR** • Long day • Stores well • 3-4" bulbs

Spanish globe variety produces large bulbs with attractive, rosy-brown skins. A standout in our trials for several years, Sedona F1 is noted for high yields and long storage potential. This heat-tolerant variety also performs well in the Northeast.

2673 **Yankee F1** 108 days

HYBRID • HR: **DM** / IR: **PR** • Long day • Stores well • 3" bulbs

Very productive storage variety with medium-sized round bulbs. Our first variety with strong resistance to downy mildew. Yield and excellent storage qualities similar to Copra F1. Dark brown skins and bulbs that remain hard and sound until spring.

2675 **Calibra F1** 110 days

HYBRID • IR: **PR** • Long day • Stores well • 3-4" bulbs

Spanish cross with sweet and mild flavor that sweetens in storage. Round, hard globes with a slight shoulder, attractive reddish skins and thin necks that dry down well. Sweet like Candy F1 with less juiciness and smaller size more suitable for storage; superior quality and flavor in March in our storage trials.

2692 **Talon F1** 110 days

HYBRID • IR: **PR** • Long to intermediate day • Stores well • 3-4" bulbs

Stunning, round, storage bulbs with pretty golden skin and a beautiful, clean, white interior. Rock-hard globes are uniformly sized. Very impressive in our trials with a great stand and tops that remained as healthy as Yankee F1, which is noted for its downy mildew tolerance. From our partners at Bejo Seeds.

2678 **Dakota Tears** 112 days

OP • Long day • Bulbs up to 1 lb • Stores well • 3" bulbs

Medium-sized, hard round bulbs with very attractive reddish/gold tinting. Continuously selected for vigor, size, storability, disease and insect resistance. A great open-pollinated variety from breeder David Podoll, Dakota Tears was honored as one of *Organic Gardening* magazine's ten outstanding varieties in their 2010 trials. *Limited availability in 2021*

RED

2689 **Cabernet F1** 105 days

HYBRID • Late intermediate day • Stores 2-4 months • 3-4" bulbs

The earliest red onion in our trials with lovely, uniform burgundy bulbs. Medium-sized bulbs with very nice internal color plus a stroke of brilliance: stems flop down without crimping before maturity, allowing continued growth while preventing disease from reaching the bulb. Stores well, but is also beautiful bunched for fresh market sales. Widely adapted for both size and earliness.

2685 **Red Geneva** 105 days

OP • Long day • Stores 4-5 months • 2.5-3.5" bulbs

An attractive, red Cipollini-type with excellent flavor. Flattened bulbs pair well with Yellow Cipollini for an early, colorful display. Slightly slower to mature than yellow varieties, but with comparable shape and size. Excellent flavor for eating raw or cooking. From Sativa.

2674 **Rossa di Milano** 110 days

OP • Long to intermediate day • Stores well • 4" bulbs

Specialty onion with sweet flavor, good yield and long storage potential. The moment we saw it in our trials, with high shoulders and shimmering pink skins, it stole our hearts. Broad onions with a rounded, tapering heart shape. Plants are very productive and store well. A standout open-pollinated variety.

2688 **Red Baron** 115 days

OP • Very long day • Bunching or full size • 3" bulbs

Versatile for mid-sized onions or beautiful purple scallions. Deep red skin and royal purple inner rings with good color throughout. For scallions, harvest at 12-15" tall just before the bulb begins to swell, or harvest bulbs for fresh bunches. Performs well planted in clumps of 4-5; succession planting is recommended. See photo on pg. 61 for bunching stage.

2681 **Red Carpet F1** 116 days

HYBRID • IR: **PR** • Long day • Great storage • 3-4" bulbs

Magnificent magenta interior rings make this an especially gorgeous red onion. Tight bulbs that store extremely well with the excellent color on the interior layers unique to our partners at Bejo Seeds. Red Carpet F1 is 2-3 days earlier than Red Wing F1 while maintaining 98% the same size, with a more rounded shoulder.



Gabriella F1



Cortland F1



Sedona F1



Yankee F1



Calibra F1



Talon F1



Dakota Tears



Cabernet F1



Red Geneva



Rossa di Milano



Red Baron



Red Carpet F1



Conservor F1



Matador F1



Parade Evergreen Hardy Alto Leek Red Baron

SHALLOTS

2679 **Conservor F1** 100 days

HYBRID • Stores well • 2-3" bulbs

Teardrop-shaped with pink flesh and easy-to-peel, rosy skin. Conservor F1 has great flavor and stores well, offering more large, single bulbs. Great yields with a nice, rounded shape; like traditional French shallots.

2690 **Matador F1** 100 days

HYBRID • High yields • 2-3.5" bulbs

Giant, uniform shallots in beautiful papery skins. Large, blocky bulbs are easy to process in the kitchen and have the traditional flavor and sugar content of shallots. A vigorous variety that produces two large twin bulbs per one seed. From our partners at Bejo Seeds.

BUNCHING ONIONS / SCALLIONS

CULTURAL INFO: Bunching onions are hardy perennials that are grown as annuals or overwintered for early spring harvests. Direct sow seeds as soon as soil can be worked or start seedlings indoors in flats or plug trays. Planting depth: 1/4-1/2". Direct seeding: ~50 seeds/ft, in 2" wide bands, rows 12-18" apart. Seeds are slow to germinate, taking 14-20 days to start growth. It is important to keep them well cultivated so that the weeds do not take over. Hill stalks to promote elongation and blanching. Harvest when desired. Store washed onions at near freezing temperatures.

SEED SPECS: 11.2-13.7M (12.5M avg) seeds/oz, 180-220M (200M avg) seeds/lb.

M=1,000. **1/64oz approx. 190 seeds.** Direct seeding rate: 50 seeds/foot in 2" bands in rows 12-18" apart. Transplants: plugs of 4-8 seeds 6-8" apart in rows 12-18" apart.

2700 **Alto Leek** 60-65 days

See Leeks, page 45.

2688 **Red Baron** 60-65 days

See description on page 60.

2670 **Evergreen Hardy** 65 days

OP • Welsh-type • Very cold hardy

Reliably overwinters in Vermont, where temperatures can reach -30°F. Sow all season long or overwinter. Divide clumps in second year to produce a new crop. Can be grown like an annual or allowed to develop into a dense patch. *Allium fistulosum*. Unavailable in 2021

2672 **Parade** 70 daysOP • IR: **BR, PR** • Uniform size • Upright habit

Knocked our socks off in our bunching onion trials. We've never seen such a uniform, upright bunching onion, not a single leaf leaning over. Gorgeous rows of dark green and vigorous stalks with no bulbing at all, making cleaning easy and quick. Parade has a nice, mild onion flavor. From our partners at Bejo Seeds. *Allium fistulosum*

ONION SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/64 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2683 Ailsa Craig - Unavailable in 2021	\$ 2.95	\$ 5.00	\$ 16.00	\$ 48.00	\$ 135.00	\$ 240.00	\$ 230.00/lb	\$ 190.00/lb
2678 Dakota Tears - Limited availability in 2021	\$ 2.95	\$ 4.75	\$ 14.80	\$ 44.00	\$ 140.00	\$ 235.00	\$ 194.00/lb	\$ 177.52/lb
2670 Evergreen Hardy Bunching - Unavailable in 2021	\$ 2.95	\$ 3.50	\$ 9.00	\$ 25.00	\$ 83.00	\$ 140.00	\$ 119.00/lb	\$ 112.50/lb
2703 New York Early	\$ 2.95	\$ 5.15	\$ 16.00	\$ 48.00	\$ 155.00	\$ 255.00	\$ 210.00/lb	\$ 190.00/lb
2685 Red Geneva Cipollini	\$ 2.95	\$ 3.50	\$ 9.00	\$ 25.00	\$ 80.00	\$ 125.00	\$ 105.00/lb	\$ 96.00/lb
2674 Rossa di Milano	\$ 2.95	\$ 6.75	\$ 17.00	\$ 51.00	\$ 170.00	\$ 315.00	\$ 280.00/lb	\$ 236.00/lb
2702 Valencia	\$ 2.95	\$ 6.25	\$ 15.50	\$ 46.00	\$ 155.00	\$ 285.00	\$ 260.00/lb	\$ 216.00/lb
2680 Walla Walla - Unavailable in 2021	\$ 2.95	\$ 6.25	\$ 15.50	\$ 50.00	\$ 160.00	\$ 240.00	\$ 220.00/lb	\$ 200.56/lb
2671 Yellow Cipollini - Unavailable in 2021	\$ 2.95	\$ 4.50	\$ 13.65	\$ 41.00	\$ 125.00	\$ 215.00	\$ 201.00/lb	\$ 155.00/lb

ONION SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M	500 M	1000 M
2682 Gladstone	\$ 2.95	\$ 4.50	\$ 4.00/M	\$ 3.84/M	\$ 3.42/M	\$ 3.25/M	\$ 3.16/M	\$ 3.06/M
2672 Parade Bunching	\$ 2.95	\$ 3.10	\$ 1.93/M	\$ 1.28/M	\$ 1.06/M	\$ 0.90/M	\$ 0.74/M	\$ 0.65/M
2688 Red Baron	\$ 3.40	\$ 6.00	\$ 5.20/M	\$ 4.60/M	\$ 4.00/M	\$ 3.75/M	\$ 3.70/M	\$ 3.50/M

ONION SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M	500 M	1000 M
2689 Cabernet F1	\$ 3.60	\$ 7.20	\$ 5.60/M	\$ 4.80/M	\$ 4.60/M	\$ 4.38/M	\$ 4.14/M	\$ 4.10/M
2675 Calibra F1	\$ 3.95	\$ 10.25	\$ 8.25/M	\$ 5.66/M	\$ 5.25/M	\$ 5.05/M	\$ 4.70/M	\$ 4.48/M
2679 Conservor F1 Shallot	\$ 6.50	\$ 23.00	\$ 21.00/M	\$ 18.00/M	\$ 17.00/M	\$ 15.50/M	\$ 14.90/M	\$ 14.00/M
2684 Cortland F1	\$ 3.75	\$ 6.95	\$ 5.00/M	\$ 4.24/M	\$ 4.10/M	\$ 3.94/M	\$ 3.80/M	\$ 3.65/M
2691 Gabriella F1 - Unavailable in 2021	\$ 4.20	\$ 10.00	\$ 8.20/M	\$ 6.10/M	\$ 5.50/M	\$ 4.70/M	\$ 4.32/M	\$ 4.00/M
2690 Matador F1 Shallot	\$ 6.50	\$ 23.00	\$ 21.00/M	\$ 18.00/M	\$ 17.00/M	\$ 15.50/M	\$ 14.90/M	\$ 14.00/M
2681 Red Carpet F1	\$ 4.30	\$ 9.25	\$ 6.77/M	\$ 6.40/M	\$ 5.80/M	\$ 5.25/M	\$ 5.00/M	\$ 4.80/M
2677 Sedona F1	\$ 3.95	\$ 10.25	\$ 8.25/M	\$ 5.66/M	\$ 5.25/M	\$ 5.05/M	\$ 4.70/M	\$ 4.48/M
2692 Talon F1	\$ 3.95	\$ 10.25	\$ 8.25/M	\$ 5.66/M	\$ 5.25/M	\$ 5.05/M	\$ 4.70/M	\$ 4.48/M
2673 Yankee F1	\$ 3.95	\$ 10.25	\$ 8.25/M	\$ 5.80/M	\$ 5.20/M	\$ 4.86/M	\$ 4.70/M	\$ 4.48/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Peas *Pisum sativum*

Fresh pea shoots on young plants can be harvested in moderation before plants are mature and produce pods.

CULTURAL INFO: Days to maturity are from direct seeding. Peas are a cool-season annual. Plants prefer abundant phosphorus and a pH of 6.0 or higher. Direct seed as soon as soil can be worked in the spring. Seeds will germinate in soil temperatures as low as 40°F. Hot, dry conditions adversely affect quality and yield, so it is advantageous to have the crop mature as early as planting schedules allow. Dwarf varieties do not require trellising but taller ones do in order to avoid disease. Plant peas in two rows, 8-12" apart, with a mesh or wire trellis between the rows for peas to climb.

RESISTANCE KEY: HR- High Resistance, IR- Intermediate Resistance, **DM-Downy Mildew**, **FW-Fusarium Wilt (races indicated if known)**, **PM-Powdery Mildew**, **PEMV-Pea Enation Mosaic Virus**, **PM-Powdery Mildew**, **PSV-Pea Streak Virus**

SEED SPECS: 90-170 (130 avg) seeds/oz, 1.5-2.7M (2.1M avg) seeds/lb. M=1,000.

1 oz approx. 130 seeds. Direct seeding rate: Dwarf, 24-30 seeds/foot in a 2" band in rows 18-24" apart. Trellised, 24-30 seeds/foot in bands 4-6' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

ENGLISH / SHELLING

2758 **PLS 14** 50 days

OP • HR: **FW (1)** • Earliest shell pea • 3-3.5" pods

An early, high-yielding shell pea with easy-to-see bright green pods. Plants are 24-30" tall with plenty of foliage and vigor. The plant stems and leaves are an attractive, dark blue-green, while pea pods themselves stand out against the foliage with bright green color for an easy harvest. Excellent flavor, good for fresh eating or processing. From our partners at Pure Line Seeds.

2760 **Laxton's Progress #9** 60 days

OP • IR: **FW** • Compact plants • 4-5" pods

Short vines and plump pods filled with high-quality peas. Small 15-20" plants produce heavy yields of large pods with up to nine peas per pod (hence the name). An improvement over the original Laxton's Progress with intermediate resistance to wilt.

2767 **PLS 595** 63 days

OP • HR: **FW (1, 2), PM** / IR: **DM** • High yielding • Doesn't require support • 3.5-4.5" pods

High-yielding variety produces two large, full pods per stem. Sturdy, compact plants have more tendrils than foliage, which helps them keep each other upright without a trellis. Each large pod contains an average of eleven peas. Two pods per stem enables an easy harvest. From our partners at Pure Line Seeds.

2735 **Green Arrow** 68 days

OP • IR: **DM, FW** • Excellent for freezing • 4-5" pods

A classic, main-crop pea with slim, densely packed pointed pods. High-yielding variety with plenty of pods for easy harvesting. Each pod is filled with up to eleven delicious peas. Plants are 24-30" tall. Peas are excellent for freezing.

SNAP

2766 **Sugar Ann** 52 days

OP • Short harvest window • 2.5-3" pods

Nothing says spring like these high-quality, petite green pods. A great way to start off the season. Tasty round pods on dwarf 2' vines are early with a concentrated crop. 1984 All-America Selections (AAS) winner from pea breeders Dr. Calvin Lamborn and Dr. MC Parker of Twin Falls Idaho, the creators of the famous Sugar Snap.

2762 **Cascadia** 60 days

OP • HR: **PEMV** / IR: **FW, PM** • Spring or fall crop • 3" pods

A must-have main season variety with heavy yields of juicy, thick-walled pods. Bucketloads of plump pods with tiny, distinctively delicious peas on 3' tall vines. Multiple disease resistances allow for spring and late season plantings.

2763 **SS 141** 60 days

OP • IR: **FW, PM** • Tight harvest window • Jumbo 4" pods

An exciting release for sugar snap pea fans. SS 141 is a compact plant of 3' vines that forms a heavy set of extra-long, extra-tasty pods that ripen within a short window. From our friends at Pure Line Seeds, this strongly improved snap pea offers very high yield potential. Suitable for multiple succession plantings.





Oregon Sugar Pod II



Mammoth Melting

GARDEN COMBO PEA INOCULANT

94535 Guard-N (Treats 8 lbs)	\$13.00
94536 Guard-N (Treats 50 lbs)	\$15.00

SNOW

2750 Oregon Sugar Pod II 62 days

OP • IR: **FW, PEMV, PM, PSV** • Spring/fall crop • 4" pods

Improved with increased disease resistance and delicious tender pods. Highly productive variety produces smooth, stringless pods on true dwarf plants averaging 24-30" tall. Pods are doubly borne for high yields and easy harvests. Strong disease resistance makes this an excellent choice for late summer-fall plantings.

2740 Mammoth Melting 65 days

OP • IR: **FW** • Long harvest window • 4-5" pods

Extra-large, delectably sweet and tender pods with mouthwatering crunch. These 5-6' tall vines do require trellising for support, but bear over a long period of time. Large white flowers are an extra bonus, adding a splash of brightness to your edible landscape.

PEAS SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	20 lb*
2762 Cascadia Snap	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2735 Green Arrow Shell	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2760 Laxtons #9 Shell	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2740 Mammoth Melting Snow	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2750 Oregon Sugar Pod II Snow	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2758 PLS 14 Shell	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2767 PLS 595 Shell	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2763 SS 141 Snap	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb
2766 Sugar Ann Snap	\$ 2.95	\$ 7.85	\$ 11.50	\$ 7.80/lb	\$ 6.60/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Stories of RESILIENCE



Erica Kempter is a farmer, food activist, seed breeder and managing partner of Nature and Nurture Seeds in Ann Arbor, Michigan. Seeds offered through Nature and Nurture Seeds are all heirloom and/or open pollinated varieties and are adapted to the Great Lakes Region, the Midwest and beyond. Half of the seeds sold through their catalog and online store are grown on their 122-acre certified organic farm and a percentage of their seeds are sourced directly from High Mowing.

The surge in seed orders that followed the national emergency declaration on March 13th was a difficult hurdle for this farm-based seed company.

“Our seed order fulfillment department was inside of our farmhouse. At the same moment that our seed sales spiked, our staff needed to stay home to keep everyone safe.”

“Our family unit all pitched in to fill the gaps, but it meant long hours for everyone. We are currently remodeling to create a new, larger, Covid-19 safe space for order fulfillment.”

Life on the seed farm was also forced to adapt. Managing common farm tasks while adhering to strict social distancing rules has proven tricky, though Erica has kept an open mind about the continually evolving innovations. “For our farm, from physically distanced farm lunches to the challenges of rolling out heavy hay bales while keeping 6' apart, or keeping everyone dry during a downpour, we've had to complete tasks in new ways and it has forced us to be flexible, innovative and has kept us on our toes!”

The pandemic wasn't the only issue at the core of the transformations we underwent in 2020. Erica sees the role of injustice in agriculture, historically and present day, to be a hinderance to the sustainable future of our world. “I think that people are waking up to the ways that we have damaged our human health and earth with our agriculture system and waking up to see the historic and current injustices. I think that the genie can't be put back in the bottle – that people will continue to demand improvement until all communities have the capacity to feed themselves with sustainable, locally grown food.”

Peppers

Capsicum annuum

Laura and Taylor bringing in the bounty from the trials pepper field.

CULTURAL INFO: Days to maturity are from transplanting. Peppers are long-season, heat-loving annuals. Start transplants 6-8 weeks before planting date. Optimal soil temperature for germination is 85°F. When growing transplants, maintain 75°F during the day and 65°F at night. Peppers prefer rich, well-drained, loamy soils. Do not over fertilize, as too much nitrogen will prevent fruit set. Plant growth and fruit set are encouraged by use of plastic mulch and floating row cover to warm roots and soil. Switch to a light-weight row cover when daytime temperatures reach 75-80°F or when first flowers appear. Remove at temperatures over 85°F as some peppers may abort their flowers in extreme heat. Store peppers at 50°-54°F and 95% relative humidity. Chilling injury occurs below 45°F. Prevent disease and recurrent pest pressure with correct sanitation

techniques, crop rotation and cover cropping. SHU = Scoville Heat Units

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **BLS-Bacterial Leaf Spot** (races indicated if known), **CMV-Cucumber Mosaic Virus**, **PVY-Potato Virus Y** (races indicated if known), **TEV-Tobacco Etch Virus**, **TMV-Tobacco Mosaic Virus** (races indicated if known), **TSWV-Tomato Spotted Wilt Virus** (races indicated if known)

SEED SPECS: 2.8-4.9M (4M avg) seeds/oz, 75-125M (100M avg) seeds/lb. M=1,000. 1/64 oz approx. **60 seeds.** Transplants: 12-18" apart in rows 18-30" apart, or in 2 rows 24" apart on plastic mulched beds.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

GREEN TO RED BELLS

2802 Olly F1 55 days green, 63 red

HYBRID • HR: **TMV (0-2)** • Excellent vigor • Exceptionally sweet • 3-4" Fruits

Robust plants produce early, abundant harvests of blocky, red peppers with exceptionally sweet flavor. Beautifully vibrant red peppers that ripen rapidly and have a gorgeously fresh sweetness. Peppers are uniform and thick walled, giving them longevity in the field. An excellent option for growers seeking an early red pepper for production or for the home gardener in search of a reliable and flavorful red for fresh eating or preserves. From our partners at DeBolster Organic Seeds.

2777 King Crimson 57 days green, 65 red

OP • **HMOSEXCLUSIVE** • IR: **CMV** • Uniform shape • 3-4" fruits

Early, prolific peppers are medium-sized and blocky with four lobes and thick walls. A favorite in our trials due to early maturity and uniform size. Slightly earlier than King of the North with superior quality and uniformity. Developed by High Mowing in partnership with Cornell University. A portion of the sales of this variety is paid to the breeder.

2800 King of the North 60 days green, 72 red

OP • Early • Upright habit • 3-4" fruits

Reliable set of green to glossy red fruits in short seasons. Improved for a higher percentage of blocky, thick-walled, early ripening peppers each with three to four lobes. Known for its ability to produce good sized peppers in short, cool seasons. Strong plants support heavy yields.

2779 Sprinter F1 62 days green, 82 red

HYBRID • HR: **TMV (0-3)** • Field or greenhouse • Good leaf cover • 3.5-4" fruits

Speed and endurance; an early pepper that goes the distance with high yields over a long harvest window. Compact plants with big, blocky, four-lobed fruit larger than King of the North. Recommended for greenhouse culture but performs well outside, especially as green; sets fruit well under row cover. Resists blossom end rot and russetting. From our partners at Vitalis Organic Seeds.

2775 California Wonder 65 days green, 80 red

OP • Upright habit • Good for shipping and freezing • 3.5" fruits

Large, blocky, thick-walled, glossy fruit that turns red quickly under a range of conditions. Upright, everbearing habit keeps fruit high on 24-30" plants. Suitable for shipping and freezing. Introduced by Burpee's in 1928 and still a hit today. Strong field resistance to tobacco mosaic virus.

COLORED BELLS

2776 Golden California Wonder 60 days green, 78 gold

OP • Cool tolerant • Early • 4-4.5" fruits

High yields of deep gold, thick-walled fruits that set well in cool conditions. Sturdy, upright 22-30" plants are everbearing and pendant. Very similar to California Wonder with an earlier maturity date. One of the best open-pollinated gold peppers available.

Limited availability in 2021



California Wonder, King Crimson, Sprinter F1, King of the North



Olly F1



King Crimson



King of the North



California Wonder



Sprinter F1



Golden California Wonder

PEPPERS



Brocanto F1



Milena F1



Waldo F1



Elsa F1



Early Summer F1



Flavorburst F1



Lilo F1



Iko Iko



Madonna F1



Ilyn F1



Abay F1

new 2772 Brocanto F1 60 days green, 83 yellow
 HYBRID • HR: **TMV (0-2)** / IR: **TSWV** • Field or greenhouse • 3-4" fruits
Sturdy, tall plants with excellent disease resistance, abundantly producing blocky, yellow fruits. Plants are resilient, performing well in the field or high tunnel with exceptional leaf coverage. Best yellow bell to replace Catriona F1 we've seen. High yields of medium-large to large fruits make this variety ideal for commercial production. From our partners at Vitalis Seeds.

new 2823 Lilo F1 60 days purple, 85 red
 HYBRID • PVP • HR: **TMV (0)** • Field or greenhouse • 3-3.5" fruits
Unique, purple fruit that ripen through to dark red at maturity. Fruit set is dense and early, making for a short and prolific harvest season. When harvested at purple stage, fruit have a crisp and delicious flavor much like a green bell. Great producer in the field or in the greenhouse. An excellent choice for early colored bells. From our partners at DeBolster Organic Seeds.

2771 Milena F1 65 days green, 83 orange
 HYBRID • HR: **PVY (0-1), TMV (0-3)** / IR: **TEV, TSWV (0)** • Heat tolerant
Early orange bell with thick walls and uniformly three to four-lobed fruit. Vigorous, open habit with good yield and solid fruit set, even under hot conditions. Plants are upright and sturdy with good performance in greenhouse, unheated tunnel or open field conditions.

2789 Iko Iko 65 days purple/yellow, 85 red/orange
 OP • **BRED BY HIGH MOWING** • Upright habit • Good leaf cover • 3.5" fruits
Spectacular array of colors in a high-yielding bell pepper. A rainbow of colors from a single variety. Immature fruits start dark purple, lavender, pale yellow and occasionally lime green, ripening to tangerine and red streaked with purple. Excellent early season color at market. Selected by High Mowing for color, yield, uprightness and leaf cover.

2797 Waldo F1 65 days white, 85 days yellow
 HYBRID • HR: **TMV (0)** • Early white pepper • 3-4" Fruits
Eye-catching white peppers with attractive, blocky shape and a delicious, fresh flavor. Compact plants produce an abundance of beautiful, ghost-white fruits that will mature into a matte yellow. These peppers are meant to be harvested in their white stage as an early colored pepper but can be harvested at full maturity for a gentle, sweet flavor. Peppers are visually striking when contrasted to the green peppers that are also harvested in the early season.

2805 Madonna F1 65 days green 75-85 yellow
 HYBRID • HR: **TMV (0-2), TSWV** • Good leaf cover • 4" fruits
Early lemon-yellow pepper for field production. Prolific, large, blocky fruits with four lobes and thick, juicy walls. Highly-uniform fruit on vigorous plants with continuous high yield potential all season. Good leaf cover and disease resistance. From our partners at Genesis Seeds.

new 2808 Elsa F1 65 days green, 85 yellow
 HYBRID • PVP • HR: **TMV (0-3)** • Field or greenhouse • 3-3.7" fruits
Yellow, blocky pepper on short, sturdy plants that ripen quickly in the field or greenhouse. Plants are compact and heavy, providing a good foundation for high yields of yellow fruits. Flavor is sweet and crisp, a great selection for raw preparations. Fruit ripens quickly and consistently, even in northern climates and is irresistibly beautiful on a market table. From our partners at DeBolster Organic Seeds.

new 2768 Ilyn F1 65 days green, 85 orange
 HYBRID • PVP • HR: **TMV (0-2)** • Field or greenhouse • 3-3.5" fruits
Fast coloration of stunning, blocky fruit with exceptional flavor and texture. Absolutely striking orange peppers on especially productive, vigorous plants. A great variety for early colored bells in the field. The flavor is sweet and fresh, making this a delicious pepper for raw and cooked preparations. From our partners at DeBolster Organic Seeds.

new 2770 Early Summer F1 65 days green, 87 days yellow
 HYBRID • HR: **BLS (1-5,7,9)** / IR: **TSWV** • Broad disease package • 4-5" fruits
Heavy producer of dark green to yellow fruits with broad disease package. Blocky fruits are glossy with firm skin and thick walls, ideal for green and yellow pepper production. Strong plants are resilient in many growing conditions, generating uniformly shaped fruit, excellent sweetness when yellow, and crisp texture. Yields are impressive, great for commercial production or as a standalone producer in the garden. From our partners at Sakata Seeds.

2816 Flavorburst F1 67 days green, 87 yellow
 HYBRID • Early ripening • 3-4" fruits
Early ripening fruits that mature from a lime green hue to bright yellow and finish golden when fully ripe. These slightly elongated, three-lobed fruits produce abundantly on short, durable plants. The flesh is thick and juicy with a vibrant sweetness that makes them desirable for fresh eating. From our partners at Bejo Seeds.

2769 Abay F1 85 days green, 95 yellow
 HYBRID • HR: **BLS (1-5), TMV (0)** • Widely adapted • 4" fruits
Jumbo-sized blocky, golden fruits on widely adapted plants. Hefty 4" fruits with thick walls make great green peppers and mature to a beautiful golden yellow. An excellent open field variety. Fruit maintain quality even as nighttime temperatures begin to drop. High resistance to bacterial leaf spot. From our partners at Vitalis Organic Seeds.

PICNIC PEPPERS

2809 **Picnic Red** 60 days green, 78 red

OP • **BRED BY HIGH MOWING** • 3-4" fruits

Pretty much the sweetest pepper we've ever tasted. Small red peppers have unbelievable sweetness and a rich complex flavor that makes them addictive. Bred with an emphasis on flavor, yields and plants that stand up straight for easy harvest. After on-farm trials in Wisconsin in 2016, growers commented that they had trouble selling ripe fruit because their kids and partners ate them out of the field as soon as they turned red.

2810 **Picnic Orange** 60 days green, 82 orange

OP • **BRED BY HIGH MOWING** • 3-4" fruits

Deep orange color with a rich, sweet pepper flavor. Picnic Orange is sweet tasting and has lovely warm color. Selected for thick walls, flavor, strong yields and an upright plant habit. From our own High Mowing breeding work.

2811 **Picnic Yellow** 60 days green, 84 yellow

OP • **BRED BY HIGH MOWING** • 3-4" fruits

Vivid, bright yellow with a crisp, tart taste. Picnic Yellow has a nice, tart flavor with good complexity and a crisp crunch. Selected for upright plant habit, good flavor and thick walls. From our own breeding work at High Mowing.

HC-PP **Picnic Pepper Blend** 60 days green, 78-84 colored

OP • **BRED BY HIGH MOWING** • 3-4" fruits

A trio of mini peppers developed for organic growers. The Picnic Pepper collection includes a single 10-seed packet of each of the Picnic Pepper varieties. The collection when compared to market standard snack peppers in trials has consistently performed well or better than the hybrids. We've especially selected our set for their rich, sweet flavor.



Picnic Red



Picnic Orange



Picnic Yellow



Picnic Pepper Blend

SWEET SPECIALTY

2788 **Oranos F1** 60 days green, 75 orange

HYBRID • HR: **TMV (0)** • Italian-type • Tapered 5-6" fruits

Eye-catching, vivid orange fruit with sweet flavor and early, heavy yields. Had the highest total yields and the highest number of ripened fruit in our trials – impressive in a short growing season like ours. Thick walls are great for stuffing and color is beautiful in salads or at market.

2794 **Shishito** 60 days green, 75 red

OP • Spreading habit • 2-4" mild fruits • Prolific producer

Small, mild Japanese pepper for roasting, pan-frying and grilling. Thin walls blister and char easily when roasted or grilled, taking on rich flavor that is delicious with coarse salt and lemon juice. The occasional fruit will display heat. Typically harvested and used green but eventually turns orange and red with sweeter flavor.

2799 **Bangles Blend** 60 days green, 80 color

OP • **HIMOS EXCLUSIVE** • Upright habit • Flattened 1.5" wide fruits

Adorable red, gold and chocolate baby bells great for snacking or stuffing. Eat fresh by the handful, stuff or pickle. Large seed cavity is perfect for stuffing. Upright 18-24" plants are excellent for decorative containers. Each plant produces a single color of pepper.

2787 **Carmen F1** 60 days green, 80 red

HYBRID • Italian-type • AAS winner • Tapered 6" fruit

The standard-bearer for sweet Italian frying peppers in the Corno di Toro class. Early maturing fruit on medium-sized 20" plants can be harvested at green or allowed to ripen to a deep red. Unbelievably sweet and crisp flavor won the hearts of the All-America Selections committee in 2006, and growers have been dedicated to it ever since. Suitable for greenhouse or field production. From the breeders at Johnny's Selected Seeds.

2796 **Escamillo F1** 60 days green, 80 gold

HYBRID • Italian-type • AAS winner • Tapered 6" fruit

A golden Corno di Toro-type with crisp, juicy walls and excellent flavor. The perfect pair to the deep red of Carmen F1, Escamillo F1 draws its name from the French opera in which the beautiful Carmen falls in love with the bull fighter Escamillo. Prolific yields from vigorous, 22" plants that are slightly larger than Carmen F1. Good for eating raw, frying or sautéing. From the breeders at Johnny's Selected Seeds.

2778 **Corno di Toro** 70 days green, 78 red

HEIRLOOM • Italian-type • Upright habit • 6-8" fruits

Highly attractive scarlet fruits were extremely popular in our taste tests. Large, tapering fruits are long and narrow, often with the bull horn curve for which they are named. Quickly turns gold and then a beautiful deep crimson color with sweet, full-bodied flavor when fully ripe. Plants are vigorous with an excellent upright habit.

new 2824 **Habanada** 75 days green, 100 days orange

OP • Habanero flavor with no heat • 2-3" Fruits

Tangerine-colored fruits featuring the brilliant floral flavor of a habanero pepper without the heat. A breeding triumph of Michael Mazourek from Cornell University, this beautiful, specialty pepper brings all the complexity and sweetness of a habanero pepper but has no kick. This variety has been selected and perfected for over a decade and is sure to become a favorite of market growers, chefs and adventurous home cooks for its unique applications. Plants are prolific, heavy producers. For best germination, consider starting plants on a heat mat in spring. *Capsicum chinense*.



Oranos F1



Bangles Blend



Escamillo F1



Shishito



Carmen F1



Corno di Toro



Habanada



Lively Italian Orange



Lively Italian Yellow



Ring-O-Fire



Red Ember F1



Aji Rico F1



Hungarian Hot Wax



Primero Red F1



Bastan F1



Early Jalapeño



Ancho Poblano

2806 Lively Italian Orange 75 days green, 100 orange

OP • HMOS EXCLUSIVE • Italian-type • 6-8" fruits

High-quality open-pollinated variety with uniform, juicy, orange fruits. Thick-walled, bright orange fruits make a beautiful open-pollinated market display combined with Lively Italian Yellow. Impressed us with its ability to set fruit, size up and ripen; large plants loaded with fruit competed well with hybrids in our northern Vermont trials. Bred by Tom Lively of Eugene, OR and further selected by High Mowing.

2807 Lively Italian Yellow 75 days green, 100 yellow

OP • HMOS EXCLUSIVE • Italian-type • Vigorous, upright habit • 8-10" fruits

Stunning, sweet, thick-walled yellow fruits. Large, tapered, golden-yellow fruits with sweet, juicy flesh on vigorous plants. Prolific and reliable, performing well in the open field across a variety of climates and ripening well even in our northern Vermont fields. Bred by Tom Lively of Lively Organic Farm in Eugene, OR and further selected by High Mowing.

HOT

2786 Ring-O-Fire 45 days green, 60 red

OP • Cayenne • SHU 20,000 • 4" fruits

"And it burns, burns, burns," just like Johnny Cash said. This is a hot, hot pepper. Ring-O-Fire matures early and has a glossy sheen with a fire-engine red color. Prolific and dependable plants produce loads of fruit great for eating fresh, dried or powdered.

2792 Red Ember F1 50 days green, 70 red

HYBRID • SHU 30,000 - 50,000 • AAS Winner • 4-4.5" Fruits

AAS award-winning cayenne with exceptionally complex flavor that is mild enough for fresh eating when thinly sliced. The most flavorful cayenne, fruit have a delicate warmth that lasts after eating cooked, dried, or fresh. Makes for a delicious addition to sautés and stir fries, and can be preserved as a hot sauce, powder, or as dried pepper flakes. This popular variety is ideal for the pepper enthusiast or for the market table as a first choice for shoppers seeking some summer heat.

2781 Aji Rico F1 55 days green, 75 red

HYBRID • SHU 30,000 • AAS Winner • 3-4" Fruits

Early season production of thin walled, crunchy fruits with warmth and a refreshing citrus flavor. Large, resilient plants produce shiny, bright green fruits that mature to a brilliant red. Peppers are delicious when eaten at any stage in their ripeness and can be dried easily to make a homemade "paprika" style powder or pepper flake. The sweetness that develops as the pepper matures is reminiscent of a juicy bell pepper. A great addition to salsas, sauces and soups. *Capsicum baccatum*

2790 Hungarian Hot Wax 59 days yellow, 84 red

OP • Excellent pickler • SHU 10,000 • 1.5-5.5" fruits

Long, banana-shaped, waxy pepper used for frying, stuffing and pickling. Ripens from pale yellow to deep, golden orange and finally cherry red, but traditionally harvested light green and used for pickling. May be harvested at any stage but heat intensifies as peppers mature. Very productive, even in cool weather. Heat varies among strains; HMOS strain is spicy but not overly hot.

2791 Primero Red F1 65 days green, 80 red

HYBRID • SHU 70,000 • Early ripening • 2-4" Fruits

High yields of large, beautifully red peppers with habanero flavor and one third the heat. One of the earliest ripening habaneros with fruit reaching maturity at the same time as the bell peppers. Can be grown in the ground or in a container. An excellent choice for the pepper lover who wants to enjoy the taste of the habanero without the typical intensity. *Capsicum chinense*

2795 Bastan F1 65 days green, 85 chocolate

HYBRID • Poblano • SHU 3,000 • 4-6" fruits

Large, high-quality, dark green chiles on productive plants. Thick-walled, medium-sized fruits are a glossy dark green, nearly black, maturing to a deep chocolate with mild heat. Plants have an upright habit with excellent leaf cover and concentrated fruit set; extremely high yielding. Delicious roasted, stuffed, battered and fried—try them stuffed with smoked gouda and grilled. From Vitalis Organic Seeds.

2780 Early Jalapeño 65 days green, 85 red

OP • SHU 5,000 • 3-3.5" fruits

Prolific yields of flavorful, blunt fruits with distinctive jalapeño flavor. Small, moderately spicy fruits with thick walls are traditionally harvested dark green but can be allowed to ripen to red. A classic eaten fresh or pickled with Mexican dishes. Compact plants are sturdy and work well in containers.

2782 Ancho Poblano 68 days green, 88 red

OP • SHU 3,000 • 4-6" fruits

Mild, heart-shaped chili perfect for stuffing in chiles rellenos or dried for ancho chili powder. Stout, dark green fruits are moderately spicy with medium-thick walls. Referred to as Poblano when used fresh and Ancho when dried for seasoning. Plants are well branched. Highly adapted variety; good yields in cool conditions.

new 2804 Jalafuego F1 70 days green, 93 days red
 HYBRID • HR: **PVY (0-2), BLS (0-3,7,8)** • Jalapeño • SHU 40 – 60,000 • 3-4" Fruits
Productive, vigorous plants yield multitudes of extra-smooth, dark green fruit.
 Highly disease resistant plants tolerate and produce through many climatic variables.
 Fruit are resistant to cracking, have wonderful flavor, and have the perfect amount of heat. From our partners at Sakata Seeds.



2785 NuMex Joe E. Parker 70 days green, 95 red
 OP • Anaheim • SHU 4,500 • 8" fruits
Southwestern-style traditional Anaheim harvested green for stuffing, grilling, roasting or processing. Peppers average 8" long and have thick, crisp flesh with mild heat and excellent flavor. Very productive strain that quickly changes from green to red. Improved version of New Mexico 6-4 pepper, with thicker, longer fruits that mature earlier.

2783 Magnum 80 days green, 100 orange
 OP • Orange habanero • SHU 210,000 • 1-2" fruits
Typical habanero with bonnet shape and a gorgeous, bright orange color. Uniformity and productivity are top notch, producing loads of shiny, scorching peppers. Plants are tall, well branched and cold tolerant, ensuring maturity in cooler climates like the Northeast. A true standout and improved variety from our friends at Genesis Seeds. *C. chinense*

PEPPERS SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT	1/64 oz	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	
2782 Ancho Poblano Hot	\$ 2.95	\$ 8.10	\$ 26.50	\$ 71.70	\$ 195.00	\$ 580.00	
2799 Bangles Blend Sweet	\$ 2.95	\$ 8.95	\$ 27.50	\$ 73.00	\$ 210.00	\$ 739.00	
2775 California Wonder Sweet	\$ 2.95	\$ 6.00	\$ 10.75	\$ 27.00	\$ 80.00	\$ 300.00	
2778 Corno di Toro Sweet	\$ 2.95	\$ 8.90	\$ 29.25	\$ 79.00	\$ 190.00	\$ 625.00	
2780 Early Jalapeño Hot	\$ 2.95	\$ 6.00	\$ 12.75	\$ 35.00	\$ 95.00	\$ 215.00	
2776 Golden California Wonder Sweet - Limited availability in 2021	\$ 2.95	\$ 7.00	\$ 15.00	\$ 35.00	\$ 100.00	\$ 295.00	
2790 Hungarian Hot Wax	\$ 2.95	\$ 6.00	\$ 12.25	\$ 42.35	\$ 130.00	\$ 435.00	
2789 Iko Iko Sweet	\$ 3.95	\$ 9.15	\$ 28.10	\$ 75.00	\$ 218.00	\$ 755.00	
2777 King Crimson Sweet	\$ 3.95	\$ 9.50	\$ 31.00	\$ 102.00	\$ 299.50	\$ 855.00	
2800 King of the North Sweet	\$ 2.95	\$ 8.95	\$ 24.00	\$ 52.75	\$ 156.00	\$ 627.00	
2806 Lively Italian Orange Sweet	\$ 2.95	\$ 10.25	\$ 32.00	\$ 105.00	\$ 315.00	\$ 905.00	
2807 Lively Italian Yellow Sweet	\$ 2.95	\$ 10.25	\$ 32.00	\$ 105.00	\$ 315.00	\$ 905.00	
2783 Magnum Habanero Hot	\$ 2.95	\$ 9.65	\$ 27.45	\$ 79.45	\$ 206.00	\$ 585.00	
2785 NuMex Joe E. Parker Hot	\$ 2.95	\$ 5.35	\$ 10.50	\$ 18.75	\$ 38.50	\$ 134.00	
2786 Ring-O-Fire Cayenne Hot	\$ 2.95	\$ 8.50	\$ 25.00	\$ 70.00	\$ 180.00	\$ 585.00	
2794 Shishito	\$ 4.50	\$ 9.00	\$ 30.00	\$ 82.00	\$ 275.00	\$ 790.00	
PEPPER SEED - HYBRID - SOLD BY SEED COUNT	10	100	250	500	1 M	5 M	25 M
2769 Abay F1 Sweet	\$ 6.80	\$ 35.00	\$ 57.00	\$ 87.00	\$ 135.00	\$ 113.00/M	\$ 95.44/M
2781 Aji Rico F1 Hot	\$ 5.00	\$ 38.00	\$ 78.00	\$ 105.00	\$ 185.00	\$ 161.00/M	\$ 152.00/M
2795 Bastan F1 Hot	\$ 3.70	\$ 14.00	\$ 24.85	\$ 45.00	\$ 85.00	\$ 73.00/M	\$ 70.00/M
<div>new</div> 2772 Brocanto F1 Sweet	\$ 11.00	\$ 70.00	\$ 135.00	\$ 235.00	\$ 415.00	\$ 390.00/M	\$ 382.00/M
2787 Carmen F1 Sweet	\$ 2.95	\$ 16.50	\$ 32.00	\$ 54.00	\$ 98.00	\$ 83.00/M	\$ 71.40/M
<div>new</div> 2770 Early Summer F1 Sweet	\$ 7.00	\$ 48.00	\$ 85.00	\$ 135.00	\$ 215.00	\$ 190.00/M	\$ 168.00/M
<div>new</div> 2808 Elsa F1 Sweet	\$ 8.00	\$ 54.00	\$ 95.00	\$ 153.00	\$ 250.00	\$ 215.00/M	\$ 192.00/M
2796 Escamillo F1 Sweet	\$ 2.95	\$ 16.50	\$ 32.00	\$ 54.00	\$ 98.00	\$ 83.00/M	\$ 71.40/M
2816 Flavorburst F1 Sweet	\$ 2.95	\$ 16.00	\$ 30.00	\$ 52.00	\$ 93.00	\$ 81.00/M	\$ 70.00/M
<div>new</div> 2768 Ilyn F1 Sweet	\$ 8.00	\$ 54.00	\$ 95.00	\$ 153.00	\$ 250.00	\$ 215.00/M	\$ 192.00/M
<div>new</div> 2804 Jalafuego F1 Hot	\$ 4.00	\$ 16.00	\$ 30.00	\$ 50.00	\$ 85.00	\$ 77.00/M	\$ 70.00/M
<div>new</div> 2823 Lilo F1 Sweet	\$ 7.00	\$ 34.00	\$ 68.00	\$ 115.00	\$ 195.00	\$ 175.00/M	\$ 168.00/M
2805 Madonna F1 Sweet	\$ 5.95	\$ 33.00	\$ 68.00	\$ 105.00	\$ 175.00	\$ 155.00/M	\$ 140.00/M
2771 Milena F1 Sweet	\$ 6.45	\$ 48.00	\$ 105.00	\$ 183.00	\$ 340.00	\$ 330.00/M	\$ 324.00/M
2802 Olly F1 Sweet	\$ 5.00	\$ 39.00	\$ 80.00	\$ 110.00	\$ 195.00	\$ 170.00/M	\$ 166.00/M
2788 Oranos F1 Sweet	\$ 8.25	\$ 45.00	\$ 95.00	\$ 165.00	\$ 275.00	\$ 262.00/M	\$ 242.00/M
2791 Primero Red F1 Hot	\$ 4.95	\$ 23.00	\$ 48.00	\$ 89.00	\$ 160.00	\$ 155.00/M	\$ 140.00/M
2792 Red Ember F1 Hot	\$ 2.95	\$ 14.00	\$ 25.00	\$ 50.00	\$ 88.00	\$ 75.00/M	\$ 67.00/M
2779 Sprinter F1 Sweet	\$ 9.40	\$ 53.00	\$ 110.00	\$ 200.00	\$ 365.00	\$ 360.00/M	\$ 342.00/M
2797 Waldo F1 Sweet	\$ 5.00	\$ 38.00	\$ 78.00	\$ 105.00	\$ 185.00	\$ 161.00/M	\$ 152.00/M
PEPPER SEED - OPEN-POLLINATED - SOLD BY SEED COUNT	10	100	250	500	1 M	5 M	25 M
<div>new</div> 2824 Habanada Specialty	\$ 2.95	\$ 8.00	\$ 13.00	\$ 19.50	\$ 28.00	\$ 22.00/M	\$ 18.00/M
2810 Picnic Orange	\$ 2.95	\$ 8.25	\$ 13.50	\$ 21.00	\$ 30.00	\$ 23.00/M	\$ 18.60/M
2809 Picnic Red	\$ 2.95	\$ 8.25	\$ 13.50	\$ 21.00	\$ 30.00	\$ 23.00/M	\$ 18.60/M
2811 Picnic Yellow	\$ 2.95	\$ 8.25	\$ 13.50	\$ 21.00	\$ 30.00	\$ 23.00/M	\$ 18.60/M
PEPPER SEED - OPEN-POLLINATED - 3 PACKETS WITH 10 SEEDS EACH							
HC-PP Picnic Pepper Blend							\$ 7.50

Larger volumes available; please call for pricing.

Your Source for 100% Certified Organic, Non-GMO Project Verified Seeds

Potatoes

Solanum tuberosum

Monique and Jesse hilling the potato crop in the trials field.

CULTURAL INFO: A hardy, cool-season crop. Classified by early (65-80 days), mid (80-90 days) and late (90+ days) season varieties, referring to days to maturity. Can be planted 1-2 weeks before the last frost date in spring. Small potatoes (1-1.5" diameter) can be planted whole; larger potatoes can be cut into pieces. Each piece of the tuber should have at least one eye (dormant bud). Hill plants shortly after emergence and again three weeks later, making sure to cover all exposed tubers to avoid greening. Harvest 2 weeks after plants have died back. Cure in a dry, dark place. Store potatoes in a dark, moist area at 38-40°F.

DISEASE & PESTS: Prevent disease and recurrent pest pressure with crop rotations and cover cropping. The two most difficult potato diseases are scab and late blight. Scab is most severe in dry weather. Select resistant varieties and maintain good soil moisture. Late blight is severely destructive. Symptoms include water soaked areas at the leaf tips that spread

inwards and become dark brown and brittle after one or two days. Select resistant varieties, maintain good air circulation and remove and destroy affected plants as soon as symptoms appear. The Colorado potato beetle (CPB) can be a significant pest; use spinosad to control organically.

RESISTANCE KEY: HR- High Resistance, IR- Intermediate Resistance, **EB-Early Blight**, **GN-Golden Nematodes**, **LB-Late Blight**, **PSCAB-Powdery Scab**, **SCAB-Scab**, **VW-Verticillium Wilt**

SEED SPECS: Fingerling, 14-16 pieces/lb avg. Full size, 8-10 pieces/lb avg. **2.5 lb bag plants approx. 25'.** Planting rate: 10-12" apart in rows 30-36" apart.

PLEASE NOTE: Potatoes begin shipping in the spring on or before April 16, 2021.

WHITE FLESH



Dark Red Norland

84092 Dark Red Norland *Early season*

OP • HR: **SCAB** • Widely adapted

Outstanding red potato offers both great flavor and heavy yields, perfect for new potatoes. Medium-large oblong, tubers with moist, firm, white flesh. Great for boiling and roasting. Developed for Northern growers and short seasons, but widely adapted to a range of conditions. Excellent resistance to scab and some field resistance to hollow heart and early blight noted. Developed by the North Dakota Agricultural College and released in 1957.



Purple Viking

84025 Purple Viking *Early season*

OP • HR: **SCAB** • Compact habit • For fresh market

Outstanding yields of spectacular, deep purple potatoes with rich flavor—a winner in our taste tests. Bright white flesh is moist and firm, adaptable for many types of cooking. Vibrant purple skins are flecked with pink for an eye-catching, early market offering. Compact plants with big tubers—space closely to control size.



Red Chieftain

84035 Red Chieftain *Mid season*

OP • HR: **SCAB** • Tolerates clay soil • Stores well

Large, oblong red tubers with great flavor and storage potential. Very attractive presentation with thin, coppery skin and shallow eyes. Delicious boiled and as a new potato with firm, moist flesh. Higher yielding in heavy clay soils than other reds and offers field resistance to late blight.



Elba

84160 Elba *Late season*

OP • HR: **EB, LB, SCAB** • Drought tolerant • Large plants • Stores well

High yields of large potatoes with buff skin and delicious, white flesh. One of the most blight-resistant potatoes available with added scab resistance for excellent performance in wet or dry years. Firm, slightly waxy texture suitable for roasting, boiling, baking and salads. According to Paul Betz, Elba is "incredible mashed, standing up in amazing fluffy white peaks with delicious flavor." Excellent storage. Prone to hollow heart in wet climates.



Burbank Russet

84010 Burbank Russet *Late season*

OP • HR: **SCAB** • Idaho-type • Stores well

The most widely grown potato in the U.S., with heavily russeted tubers and flaky white flesh. Flaky texture perfect for light and fluffy baked potatoes, crispy French fries and amazing hash browns. Shows some field resistance to blackleg, fusarium and blight. One of over 800 varieties created by American plant breeder Luther Burbank, who developed the original Burbank potato in 1875, at the age of 26, to combat the potato famine in Ireland.

COLORED FLESH

84002 **Adirondack Blue** *Mid season*

OP • High yields • Gourmet variety

A staple of the specialty culinary market with beautiful purple coloring throughout. A replacement for All Blue. Our on-farm trials found that Adirondack Blue performed better all-around and is a more refined full-color variety. Dark purple skin with purple flesh that holds its coloring through cooking. Good for steaming or *au gratin*. Pair with Adirondack Red and Elba for a genuine red, white and blue potato salad.



Adirondack Blue



Adirondack Red

new 84175 **Adirondack Red** *Mid season*

OP • IR: **LB, SCAB** • Resists Hollow Heart • Uniform shape • Stores well

Shimmering, ruby-red tubers with clean skins, red flesh and excellent yields. This variety has comparable storage quality to Red Chieftain with specialty appeal from its beautiful, red flesh. Replaces All Red, producing tubers that are uniform in shape and size. Excellent for roasting and salads, the flattened, oblong potatoes are waxy and moist and turn a light shade of pink when boiled. These easy to grow, gorgeous potatoes are striking on a market table for fresh sales or enjoyed in the home garden.

84150 **Huckleberry Gold** *Mid season*

OP • IR: **SCAB, VW** • Striking colors

Strikingly beautiful, purple-skinned potatoes with deep, yellow flesh. Round to oval tubers that are high in antioxidants and have a low glycemic index. Good resistance to tuber malformations and less susceptible to hollow heart than Yukon Gold. Excellent for fresh market with good storage quality.



Huckleberry Gold



Peter Wilcox

new 84170 **Peter Wilcox** *Mid season*

OP • HR: **GN, PSCAB** • Strong canopy • Beautiful texture • Stores well

Abundant yields of round to oblong, purple potatoes with vibrant, golden flesh. The bright purple exterior of these earthy-flavored potatoes has striking visual appeal. Whether roasted, boiled, sliced or fried, the firm flesh makes it a versatile potato for the dinner plate. The specialty appeal of these potatoes makes them a desirable fresh-to-market variety, great for chefs, and a fun and exciting project in the garden. Plants are large and prolific offering great yields.

84130 **Yukon Gem** *Mid season*

OP • HR: **SCAB** / IR: **LB** • Stores well

Bright gold skin, pink-hued eyes, yellow flesh and the same delicious flavor as its parent, Yukon Gold. Round to oval tubers mature about 10 days later than Yukon Gold and are significantly higher yielding, especially in wet conditions. Smooth tan skin and dense, buttery yellow flesh for baking, boiling and frying. Originally developed in 1994 by a team at North Dakota State University.



Yukon Gem



Yukon Gold

84100 **Yukon Gold** *Mid season*

OP • Excellent flavor • Long storage

Versatile yellow-fleshed potato. One of our bestsellers and a widely acclaimed star of European golden-fleshed potatoes. Renowned for its dense, buttery texture ideal for baking, boiling, soups and frying. Developed in the 1960s by a breeding team at the University of Guelph in Ontario, Canada.

84020 **German Butterball** *Late season*

HEIRLOOM • Large plants • Stores well

Unrivaled in creaminess, buttery flavor and superb dense texture. Very popular, versatile variety that is excellent boiled, roasted or fried. Pale yellow skin and golden flesh. "Great mid-sized potatoes, a little waxier than dry, amazing roasted, a good boiler. One of my favorites," says Paul Betz of High Mowing. Shows some field resistance to scab and late blight.



German Butterball



AmaRosa

FINGERLING

84075 **AmaRosa** *Mid season*

OP • HR: **SCAB** • Gourmet variety • Moderate storage

Gorgeous burgundy skin reveals intensely dark red flesh rich in antioxidants. High yielding with smooth, wine-colored skin and sweet, creamy red flesh that resists fading during cooking. Superb culinary quality—delicious fried, baked, boiled, steamed or as mouthwatering pink chips. If harvested new, handle gently to prevent skinning.

84140 **French Fingerling** *Late season*

OP • HR: **SCAB** • Gourmet variety • Strong yields

Unique aesthetic with an outstanding flavor profile for culinary enthusiasts. This fingerling has it all: excellent quality, strong yields and a color combination like you've never seen before. Smooth red skin and yellow flesh that is dappled with red. This specialty variety is great boiled, roasted or in soups.



French Fingerling



Magic Molly

new 84165 **Magic Molly** *Late season*

OP • IR: **LB** • Vigorous plants • Waxy texture • Stores well

All-purple fingerling potato with excellent flavor and magical appeal. The dark purple, almost-black color of the skin and flesh are retained when boiled, roasted, or baked. Can be harvested early as new potatoes. Excellent yields with some field resistance to late blight. The long, beautiful tubers are firm with slightly waxy flesh. Striking appearance stands out on a market table and is desirable to adventurous chefs. Bred by Bill Cambell of the Plant Materials Center in Palmer, Alaska.



Rose Finn Apple



Russian Banana

84110 Rose Finn Apple *Late season*

HEIRLOOM • HR: **SCAB** • Fingerling • Gourmet variety • Stores well

Blush-colored skin and bright yellow, moderately dry flesh with superb buttery flavor. Very popular variety in gourmet markets. Medium-sized tubers are long and narrow, easy to slice and roast for a delectable treat. Tubers form high on the ground, so keep hilled for best quality.

84120 Russian Banana *Late season*

HEIRLOOM • HR: **SCAB** • Gourmet variety • Stores well

Small yellow tubers set the standard for buttery fingerling flavor. Yellow flesh is fine-grained and perfect for boiling, roasting and baking. Crescent-shaped tubers with tapered ends are wonderfully buttery, moist and tender. Easy to grow. First grown by early Russian settlers in the U.S.

SEED POTATOES - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 lb	2.5 lb	20 lb*	40 lb*
84002 Adirondack Blue		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
new 84175 Adirondack Red		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84075 AmaRosa Fingerling	\$ 10.95	\$ 5.60/lb	\$ 3.53/lb	\$ 2.88/lb
84010 Burbank Russet		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84092 Dark Red Norland		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84160 Elba		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84140 French Fingerling	\$ 10.95	\$ 5.60/lb	\$ 3.53/lb	\$ 2.88/lb
84020 German Butterball		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84150 Huckleberry Gold		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
new 84165 Magic Molly	\$ 10.95	\$ 5.60/lb	\$ 3.53/lb	\$ 2.88/lb
new 84170 Peter Wilcox		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84025 Purple Viking		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84035 Red Chieftain		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84110 Rose Finn Apple	\$ 10.95	\$ 5.60/lb	\$ 3.53/lb	\$ 2.88/lb
84120 Russian Banana	\$ 10.95	\$ 5.60/lb	\$ 3.53/lb	\$ 2.88/lb
84130 Yukon Gem		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb
84100 Yukon Gold		\$ 4.90/lb	\$ 2.23/lb	\$ 1.86/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Stories of RESILIENCE



Yoko Takemura owns and operates Assawaga Farm with her husband, Alex Carpenter, in Putnam, Connecticut. The farm utilizes intensive organic production on $\frac{3}{4}$ of an acre, with a focus on Japanese varieties of vegetables and herbs. Produce is sold through a local farmers market, a farmstand and to local restaurants and natural food retailers

As Covid-19 hit their farm business, Yoko and Alex adjusted to uncertainties of the marketplace and the evolving societal response to

the pandemic. For Yoko, self-care was difficult to prioritize which led to some tough choices. “The biggest obstacle presented by Covid-19 I think was the possibility of burnout, given the additional restrictions at the market (bagging customers’ orders, pre-bagging produce, working with masks and gloves in 95°F heat and so on).”

“We quickly realized that our back-to-back markets were not sustainable for our bodies.”

“It was an incredibly difficult decision but dropping the Saturday market and opening our farmstand on Sundays gave us the necessary time in between to get a little rest in.”

Community is a source of hope for Assawaga Farm, and Yoko has witnessed her customers engaging with each other in ways that have warmed her heart, even amidst the challenges we’ve faced collectively. “One thing I have been noticing this season is how some of our customers are buying our vegetables to ‘gift’ to their friends and neighbors. This reminded me of how my grandfather, who lives in a rural part of Japan, often comes home to a basket of vegetables sitting in front of his front door. I think these acts of kindness are the building blocks of a community and help to ensure everybody is getting what they need. What better way to strengthen these connections than to share delicious vegetables?”

Pumpkins

Cucurbita spp.

Charles and June transplanting the female line for for a seed production of Cider Jack F1.

CULTURAL INFO: Pie pumpkins have been selected for flavor; texture and density of flesh. Specialty pumpkins have superior eating qualities in addition to their unique physical attributes. Jack O' Lantern pumpkins are strictly decorative, selected for shape, size, handle quality, uniformity, and durability. Start transplants 3-4 weeks before last frost or direct seed after soil temperature has reached 70°F. 85-95°F is optimal for germination. Tighter plant spacing will result in yields of smaller, but more numerous, fruit. Use black plastic mulch and floating row cover to increase soil and air temperature, as well as ward off cucumber beetles which can damage young seedlings; remove covers during flowering to allow pollination. Harvest before temperatures reach below 50°F. Cut stem near vine at least 2-3" from fruit. Move to a warm, dry, shaded location. Exposure to too much sun may bleach handles and cause sun scald.

DISEASE & PESTS: Powdery Mildew (*Sphaerotheca fuliginea*) results in reductions in overall yields and quality of harvested fruit. Powdery Mildew is difficult to control with fungicide applications because the fungi multiply rapidly and attach to the undersides of leaves where

they are difficult to reach with sprays. Some varieties have been developed with tolerance to Powdery Mildew. Tolerant varieties can still become infected, but the plant is able to keep producing unblemished fruit. Black Rot (*Didymella bryoniae*) is caused by the same fungus that causes Gummy Stem Blight and results in fruit rot. Research indicates that control measures for Powdery Mildew, including the use of PMT varieties, are also effective against Black Rot. In the case of Black Rot, the pathogen can be seed-borne and survive in crop residues.

RESISTANCE KEY: IR-Intermediate Resistance, **PM-Powdery Mildew, SCAB-Scab**

SEED SPECS: *C. pepo*, 140-250 (195 avg) seeds/oz, 2.3-4M (3.1M avg) seeds/lb. *C. moschata*, 280-375 (327 avg) seeds/oz, 4.5-6M (5M avg) seeds/lb. *C. maxima*, 90-160 (125 avg) seeds/oz, 1.5-2.6M (2M avg) seeds/lb. M=1,000. **1/8 oz approx. 25 seeds.** Direct seeding rate: 2 seeds every 18-36" in rows 5-6' apart. Transplants: 18-36" apart in rows 5-6' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

PIE - *C. pepo*

2818 **Baby Pam** 99 days

OP • Uniform size • Reliable harvest • 3-4 lb fruit

Commercial standard for pie pumpkins with long handles and dry, bright orange skin. Stringless, sugary flesh cooks down to a smooth, superior pie filling. Smaller and more uniform than New England Pie. Great for painting and carving, too.

2830 **Long Pie** 100 days

HEIRLOOM • Stores well • 5-8 lb fruit

The absolute best pie pumpkin for cooking, with virtually stringless, smooth orange flesh. Also known as Nantucket Pie. Harvest green with an orange spot on the bottom, as Long Pie ripens in storage, turning completely orange outside as flesh sweetens inside.

2838 **Pie-Pita F1** 100 days

HYBRID • Vining • Gourmet flesh • Hullless seeds • 2-3 lb fruit

A dual-purpose fruit with bright orange, sweet flesh and light green hullless seeds.

A brilliant development in pie pumpkins from our friend Dr. Brent Loy at the University of New Hampshire: delicious, high Brix pie pumpkin flesh with the added bonus of hullless seeds inside. Each fruit yields on average 1/4 lb of seeds, which are perfect lightly salted and roasted. Vigorous, vining plants produce 3-4 pumpkins each. Average yield exceeds 500 lbs of seed per acre. A portion of the sales of this variety is paid to the breeder.

2840 **New England Pie** 105 days

HEIRLOOM • Stores well • 4-6 lb fruit

Classic pie pumpkin with dry, stringless flesh and superior, thick consistency in pies.

Attractive fruits have dark orange skin with light ribbing and well-attached handles. Delicious flesh is not quite as sweet as Baby Pam but has better texture.

2828 **Winter Luxury** 105 days

HEIRLOOM • Velvety sweet flesh • 6 lb fruit

Our sweetest pie pumpkin with elegant appeal. Deep orange skin is decorated with silvery netting and slight ribs, giving it a magical appearance. Excellent for pie, cheesecake and soup. Similar to New England Pie in size with a shorter storage window.



Baby Pam



Long Pie



Pie-Pita F1



New England Pie



Winter Luxury

**HOPE
IS A SEED**

“In times of uncertainty we must stand on our faith, take precautionary steps, be informed, flexible, patient, and move forward with life. —Howard of Faithfull Farms in North Carolina”



Cider Jack F1



Bellatrix F1



Jack Straw



Owl's Eye F1



Howden



Jack Be Little

Cinderella,
Rouge vif d'Etampes

Black Futsu

JACK O'LANTERN - *C. pepo*

2826 Cider Jack F1 90 days

HYBRID • HMOS EXCLUSIVE • IR: PM • Semi-bush habit • 10-14 lb fruit

A knock out Jack O' Lantern with smooth, bright orange skin and a well-attached handle. Gorgeous medium-sized fruits are smooth and attractive; perfect for painting or carving. Our earliest Jack with good yields of 2-3 fruits/plant. Bred by High Mowing in partnership with University of New Hampshire's Dr. Brent Loy. A portion of the sales of this variety is paid to the breeder.

new 2821 Bellatrix F1 95 days

HYBRID • HR: PM • Vining • Carving pumpkin • Strong stem • 20-25 lb fruit

A beautiful, bright orange carving pumpkin with strong, dark green stems and powdery mildew resistance. Plants are vigorous and productive, yielding large 20-25 lb pumpkins that are ideal for jack-o-lanterns. Fruit are nearly perfectly uniform, making this an excellent option for commercial producers growing for the decorative pumpkin market. Strong stems that dry well give each fruit a sturdy handle for ease of transportation. From our partners at Vitalis Organic Seeds.

2841 Jack Straw 100 days

OP • BRED BY HIGH MOWING • IR: PM, SCAB • Uniform fruit • 14-16 lb fruit

A smooth-faced Jack O' Lantern with dark orange skin and a hearty handle. A great selection for roadside stands and porches with abundant yields of 8-14" tall pumpkins. Ripens late in the season, just in time for Halloween sales. *Limited availability in 2021*

2829 Owl's Eye F1 100 days

HYBRID • Semi-bush habit • 10-16 lb fruit

Vibrant yellow Jack O' Lantern suited to Halloween decorations. Handsome, ribbed fruits with flat bottoms sit perfectly on your porch or table. Strong, dark green handles are well attached for easy harvest and handling. Shows field tolerance to powdery mildew. Bred through collaboration between High Mowing and the University of New Hampshire. A portion of the sales of this variety is paid to the breeder.

2820 Howden 115 days

OP • Commercial standard • 25 lb fruit

The original Jack O' Lantern with rich orange color, deep ridges and sturdy handles. Our most popular Jack O' Lantern among farmers and gardeners. Reliable and tolerant of black rot. Developed in the Berkshire Mountains by John Howden in the mid-1970s.

SPECIALTY - *Cucurbita* spp.

2832 Jack Be Little 95 days

OP • 6-12 fruits per vine

Big fun comes in a very small package for kids and pumpkin-lovers far and wide. Miniature, old-fashioned pumpkins are 3" wide by 2" tall and bright orange. Each plant will produce an average of eight pumpkins. Great for decorations and raw fruit can be hollowed out to make a cute serving dish. *C. pepo*

2845 Cinderella, Rouge vif d'Etampes 99 days

HEIRLOOM • 15-20 lb fruit

Vivid red French heirloom reminiscent of the fairytale with its beautiful, whimsical appearance. Large, flattened fruits with exceptionally deep orange flesh and strong, sweet flavor delicious in soups and purées. Shell is commonly used as a soup tureen. *C. maxima*

2822 Black Futsu 105 days

See Winter Squash, page 84.

PUMPKIN SEED - OPEN-POLINATED - SOLD BY SEED WEIGHT

	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2818 Baby Pam	\$ 2.95	\$ 8.15	\$ 15.80	\$ 35.75	\$ 59.15	\$ 50.00/lb	\$ 46.40/lb
2845 Cinderella, Rouge vif d'Etampes	\$ 4.05	\$ 11.25	\$ 24.50	\$ 61.20	\$ 105.00	\$ 90.00/lb	\$ 78.00/lb
2820 Howden	\$ 2.95	\$ 6.75	\$ 15.75	\$ 33.25	\$ 55.70	\$ 51.60/lb	\$ 46.00/lb
2832 Jack Be Little	\$ 2.95	\$ 4.70	\$ 14.60	\$ 34.60	\$ 56.10	\$ 46.00/lb	\$ 38.80/lb
2841 Jack Straw - <i>Limited availability in 2021</i>	\$ 4.05	\$ 8.65	\$ 20.65	\$ 48.20	\$ 83.65	\$ 74.40/lb	\$ 65.92/lb
2830 Long Pie	\$ 3.25	\$ 9.00	\$ 19.00	\$ 46.00	\$ 80.00	\$ 75.00/lb	\$ 69.50/lb
2840 New England Pie	\$ 2.95	\$ 6.25	\$ 12.00	\$ 25.00	\$ 39.00	\$ 34.00/lb	\$ 29.50/lb
2828 Winter Luxury	\$ 4.60	\$ 11.25	\$ 35.70	\$ 76.50	\$ 133.00	\$ 110.00/lb	\$ 104.00/lb

PUMPKIN SEED - HYBRID - SOLD BY SEED WEIGHT

	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2829 Owl's Eye F1	\$4.00	\$11.00	\$35.00	\$125.00	\$205.00	\$180.00/lb	\$160.00/lb

PUMPKIN SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
new 2821 Bellatrix F1	\$ 5.00	\$ 12.00	\$ 45.00	\$ 145.00	\$ 125.00/M	\$ 114.00/M
2826 Cider Jack F1	\$ 4.00	\$ 13.00	\$ 38.00	\$ 115.00	\$ 93.00/M	\$ 82.00/M
2838 Pie-Pita F1 Hullless	\$ 4.00	\$ 13.00	\$ 38.00	\$ 115.00	\$ 93.00/M	\$ 82.00/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Radishes

Raphanus sativus

Michael harvests Echo Creek Farm's watermelon radishes in Salem, NY for distribution at weekend farmers markets.

CULTURAL INFO: Days to maturity are for direct seeding. Radishes are hardy annuals. They can be direct seeded as soon as soil can be worked and are better adapted to the cooler temperatures and shorter days of spring and fall. Optimal soil temperature for germination is 65-85°F. Seedlings emerge within a few days. Thin if necessary to ensure even sizing. Plant every 10 days for a continual supply. Use floating row cover after seeding to prevent insect damage. Harvest radishes on time as they do not hold well in the field, especially in warm weather. Topped radishes will

keep good quality for 3-4 weeks if stored at near freezing temperatures with high humidity in semi-permeable containers.

SEED SPECS: 1.8-3.6M (2.7M avg) seeds/oz, 30-58M (44M avg) seeds/lb. M=1,000. 1/16 oz approx. 170 seeds. Direct seeding rate: Garden type, 20 seeds/foot in rows 6-12" apart. Winter type and Daikon, 6-8 seeds/foot in rows 6-12" apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

2855 Sora 23 days

OP • All season variety • Heat tolerant • 1" round roots

A classic red radish with crisp, succulent roots. Sora is a reliable all-season radish, but particularly excels in hot and dry conditions when other varieties are easily stressed. High-quality, uniform roots form attractive bunches and resist pithiness. Our strain comes from the Swiss biodynamic seed company Sativa.

2874 Celesta F1 25 days

HYBRID • All season variety • Uniform 1" round roots

A commercially-viable hybrid radish for organic growers. Excellent root uniformity and hybrid vigor with good bolt tolerance. The highest rated variety in our trials across all seasonal slots, with very little splitting and strong, upright, compact foliage for easy harvest.

2850 Cherry Belle 25 days

OP • Easy to grow • Uniform .75-1" round roots

Classic, smooth, red bunching radish with attractive, crispy white flesh. Uniform roots are much less subject to pithiness than other radishes. Easy and fast to grow, with strong, widely adaptable tops. An All-America Selections (AAS) winner.

2851 Pearl 25 days

OP • Vigorous growth • Strong crack resistance • 1" round roots

Pearl-white, smooth round radish with improved uniformity and strong tops. With vigorous growth and strong crack resistance, Pearl is a workhorse white radish. Beautiful in a mix. Strong tops are especially suited to bunching. From our partners at Vitalis Organic Seeds.

2863 Purple Plum 25 days

OP • Improved strain • Resists cracking • 1-1.5" round roots

Vibrant purple roots with crisp texture and excellent resistance to splitting and pithiness. This improved strain was grown from stock seed carefully selected by Turtle Tree for uniform root development and reliable maturity. The unique, bright purple skin contrasts beautifully to the pearl-white interior flesh. Vigorous, firm, and great for mixed bunches.

2875 Valentine's Day Blend 25 days

OP • **HMOs EXCLUSIVE** • Eye-catching blend for market

Well-balanced blend makes a sweet impression. An eye-catching blend sure to create a heartfelt sensation. Includes round red, pink, purple and white radishes for an early shot of color in an irresistible mixed bunch. *Unavailable in 2021*

2860 French Breakfast 26 days

OP • Gourmet variety • 1-2" long roots

Eye-catching deep pink roots with bright white tips and excellent eating quality. A French classic with oblong, blunt-tipped shape and healthy radish spiciness. Try them raw with butter and salt, or butter poached with sourdough bread and fresh herbs. Harvest on time; may become pithy if harvested late.

2870 Pink Beauty 27 days

OP • Uniform shape • 1-1.5" round roots

Bright pink radish with crisp white flesh that completely resists pithiness. Flesh has a distinctive and delicious flavor with pleasant, tender texture even when grown to large size. Attractive round to oval shape and medium-sized tops. Early, eye-catching spring offering.



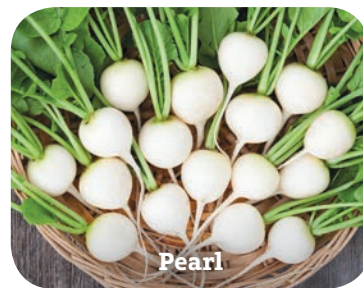
Sora



Celesta F1



Cherry Belle



Pearl



Purple Plum



Valentine's Day Blend



French Breakfast



Pink Beauty

RADISHES



White Icicle



Schwarzer Runder



Daikon



Watermelon

2866 White Icicle 27 days

OP • Mild, pointed roots • Improved vigor and uniformity • 3-4" long roots

Bright white radish for striking salads. Our improved strain from Swiss biodynamic seed company Sativa shows overall enhanced performance for a consistent harvest. Mild flavor and crunchy bite. Tops can be used as salad greens.**2848 Schwarzer Runder** 45-50 days

OP • Winter radish • Stores well • 2.5-3" round roots

Unusual jet-black skin makes a gorgeous contrast with the bright white flesh. Also known as Black Winter radish with rich, spicy flavor excellent for salads and crudités. Coarse outer skin allows for exceptionally long storage in the ground or the root cellar. Often eaten in Germany as a "beer radish," served thinly sliced with salt and paired with a light beer. From our friends at Sativa Seeds.**2862 Daikon** 50 days

OP • Winter radish • Stores well • Large 2-6 lb roots

Popular Japanese radish that can grow very large while remaining crisp and tender. Pure white roots with pale green shoulders when exposed to sun. Excellent for pickling, fermenting or storage.**2847 Watermelon** 60 days

OP • Winter radish • Stores well • 2.5-3" round roots

White-skinned radish with mildly sweet, vibrant pink flesh for fall salads. Chinese ball-shaped radish with crispy bright pink flesh, white skin and green shoulders. Excellent in salads, as a garnish or cooked. Best grown in fall and can store through winter.**RADISH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT**

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb	20 lb*
2850 Cherry Belle	\$ 2.95	\$ 4.60	\$ 6.45	\$ 13.25	\$ 38.75	\$ 37.00/lb	\$ 31.00/lb
2862 Daikon	\$ 2.95	\$ 7.95	\$ 11.85	\$ 23.85	\$ 79.35	\$ 71.40/lb	\$ 64.00/lb
2860 French Breakfast	\$ 2.95	\$ 4.50	\$ 6.30	\$ 16.30	\$ 38.90	\$ 35.70/lb	\$ 31.00/lb
2870 Pink Beauty	\$ 2.95	\$ 3.60	\$ 5.40	\$ 12.25	\$ 36.75	\$ 33.70/lb	\$ 30.00/lb
2863 Purple Plum	\$ 2.95	\$ 5.00	\$ 9.25	\$ 28.00	\$ 90.00	\$ 70.00/lb	\$ 62.50/lb
2848 Schwarzer Runder	\$ 2.95	\$ 6.85	\$ 12.00	\$ 30.00	\$ 95.00	\$ 77.00/lb	\$ 62.50/lb
2875 Valentine's Day Blend	\$ 2.95	\$ 8.00	\$ 12.35	\$ 23.80	\$ 61.75	\$ 57.00/lb	\$ 53.00/lb
2847 Watermelon	\$ 2.95	\$ 8.00	\$ 15.00	\$ 35.00	\$ 110.00	\$ 93.00/lb	\$ 77.50/lb
2866 White Icicle	\$ 2.95	\$ 4.75	\$ 11.00	\$ 35.00	\$ 125.00	\$ 100.00/lb	\$ 90.00/lb

RADISH SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	1 M	5 M	50 M	100 M	500 M	1000 M**
2851 Pearl	\$ 2.95	\$ 8.00	\$ 5.00/M	\$ 3.76/M	\$ 3.15/M	\$ 2.57/M	\$ 2.45/M
2855 Sora	\$ 2.95	\$ 4.50	\$ 2.05/M	\$ 1.34/M	\$ 1.25/M	\$ 1.15/M	\$ 1.00/M

RADISH SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	50 M	100 M	500 M	1000 M**
2874 Celesta F1	\$ 3.60	\$ 9.70	\$ 5.70/M	\$ 3.76/M	\$ 3.16/M	\$ 2.72/M	\$ 2.65/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For 1000M, add \$12.

Stories of RESILIENCE



Kevin Gadsby is the General Manager of the Blue Hill Co-op in Blue Hill, Maine. He's been involved in the natural foods retail and food service sector for 25 years and wakes in the morning everyday with the goal to increase the local food economy with every project he's a part of. "I've been in Maine 10 years growing and establishing retail food co-ops." Within these 10 years of mission-oriented work, Kevin has seen the fruits of his labor make a lasting impact on the local communities he serves.

“During my time working with Maine food co-ops, I have witnessed a surge in local food production in several regions of the state.”

"There are more organic farmers, and there are more Maine-produced goods than when I first started. At Blue Hill Co-op, we supply Maine-produced products in every department: Grocery, Frozen, Dairy, Eggs, Produce, Meat, Cheese, Yogurt, even Beer & Wine and Health Supplements. This makes me hopeful that continued growth of local food systems is possible."

As Covid-19 challenged the very foundations of our food system, Kevin became even more focused on what he could contribute to his community. Kevin's diligence and care of customers and employees alike has made the Blue Hill Co-op a staple during the pandemic. "We receive accolades daily from our members and shoppers on our care and proactive response to the current health crisis. Our presence as a trusted food source has only been strengthened during this time."

Spinach

Spinacia oleracea

Monique harvesting spinach leaves to collect yield data in the trials field.

CULTURAL INFO: Days to maturity are from direct seeding. Spinach is a cool-season hardy annual that thrives in fertile and moist soil. Spinach is sensitive to soil pH, preferring a range of 6.5-7. Direct seed as soon as soil can be worked in the spring and until early fall. Seed germinates best when soil temperatures are 32-60°F. Overwintered spinach is best started in late summer and harvested in late winter when days begin to get longer. Store washed spinach close to freezing and at high humidity for 10-14 days.

DISEASE & PESTS: Spinach is susceptible to downy mildew (*Peronospora farinosa* f. sp. *spinaciae*) and fusarium wilt (*Fusarium oxysporum* f. sp. *spinaciae*). Crop rotations help eliminate inoculum; choose resistant varieties. Cucumber mosaic virus, transmitted by

aphids, causes stunting and underdevelopment in plants. Control insect pressure by using row cover and controlling weed hosts.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **CMV-Cucumber Mosaic Virus, DM-Downy Mildew (races indicated if known)**

SEED SPECS: 1.5-3.7M (2.6M avg) seeds/oz, 25-60M (42M avg) seeds/lb. M=1,000. **1/4 oz approx. 640 seeds.** Direct seeding rate: Baby, 40 seeds/foot in a 2" band in rows 4-12" apart. Full size, 10 seeds/ft in rows 8-12" apart.

Please see **Planting Chart** on page III or go to highmowingseeds.com for more info.

SMOOTH LEAF

2869 Verdil 37 days

OP • Field variety • Spring • Strong emergence

Very cold-tolerant, fast growing large leaf variety with pleasant, aromatic flavor.

An excellent choice for overwintering and early spring crops, this medium green leaf is ideal for steaming or salads. Verdil stood out with the best emergence of any variety in our spring trials. From biodynamic German breeders Kultursaat.

2887 Corvair F1 40 days

HYBRID • HR: **DM (I-11, I3, I5, I6)** • Field/tunnel • Spring/fall/overwinter • Upright habit **Smooth, very attractive, oval leaves are medium to dark green and upright for easy harvesting.** High yield potential and widely adapted for spring or fall productions with some downy mildew resistance. Faster growth rate and crisper texture than Renegade F1, but not as bolt resistant, comparing best to Whale F1. Suitable for mechanical harvest. From our partners at Vitis Organic Seeds. Precision sized.

new 2879 Space F1 40 days

HYBRID • HR: **DM (I-3, 5, 6, 8, I1, I2, I4, I6)** • All-season variety • Upright habit **Vigorous, all-season spinach with thick, glossy leaves that are smooth to slightly savoyed.** A favorite variety of commercial growers, the plants are highly resistant to downy mildew and perform well in variable weather for all-season production. Resistant to bolting with deep green leaves that maintain excellent flavor. A high yielder due to the long harvest window and exceptional field holding quality. From our partners at Bejo Seeds. Precision sized.

2878 Matador 43 days

OP • Field/tunnel • Fall/overwinter • Winter hardy

Top-yielding variety with strong cold tolerance. The growth habit of this plant makes for excellent baby spinach production and its smooth leaves allow for easy washing. From biodynamic breeders in Kultursaat, Germany, this variety outperforms other cold-tolerant varieties and develops exceptionally well when overwintered.

2884 Renegade F1 43 days

HYBRID • HR: **CMV, DM (I-7, I1, I3, I5)** • Field/tunnel • All-season variety • Bolt resistant **Ultimate bolt tolerance with smooth, dark green oval leaves.** Grows a bit slower than Corvair F1 but excels in quality of leaf when handled; never prone to brittleness or cracking. Good disease and virus resistance; ideal for winter high tunnels. Precision sized.

SEMI-SAVOYED LEAF

2881 Regiment F1 37 days

HYBRID • HR: **DM (I-7, I1, I3, I5)** • Field/tunnel • Spring/fall/overwinter • Giant leaf-type **Vigorous plants pack on the weight, producing healthy bunches in no time.** Very quick growing, lightly savoyed leaves with a distinctive arrowhead shape and bright-eyed, medium green finish. Excellent texture and mild flavor. Good resistance to bolting and can withstand extremely damp conditions. Precision sized.



Verdil



Corvair F1



Space F1



Matador



Renegade F1



Regiment F1



Butterflay



Acadia F1



Bloomsdale Longstanding



Winter Bloomsdale



Abundant Bloomsdale



Giant Winter

2868 Butterflay 40 days

OP • Field variety • Spring/fall

Productive variety sporting very large, glossy dark green leaves with rich flavor.

Butterflay stole the show among the hybrid and open-pollinated spinach varieties in our fall trials, exhibiting better vigor and emergence than any other variety, as well as unmatched intense green color.

2886 Acadia F1 45 daysHYBRID • HR: **DM (I-13, I5, I6)** • Field/tunnel • Spring/fall/overwinter • Baby leaf**Very dark, slightly savoyed leaves with extremely slow growth are utterly tailored to baby leaf production.** Gorgeous upright plants are super easy to harvest. Slightly cupped leaves have good loft and are easy to wash. Overwintered well in our trials and is slow to bolt in all seasons. Adaptable to spring and fall plantings. From our partners at Vitalis Organic Seeds. Precision sized.**SAVOYED LEAF****2880 Bloomsdale Longstanding** 45 days

HEIRLOOM • Field or tunnel • Early spring/fall crop • Ideal for overwintering

Very cold-hardy, dark green leaves with heavily savoyed texture. For early spring and fall; good cold soil emergence but a tendency to bolt in the heat. Performs well in winter greenhouses or overwintered outdoors under mulch. David Landreth, founder of D. Landreth Seed Company, developed the original Bloomsdale spinach in the 1800s.**2889 Winter Bloomsdale** 45 daysHEIRLOOM • HR: **CMV** • Tunnel variety • Fall/overwinter • Baby or full sized leaves**Dark green leaves are more savoyed than Giant Winter.** Performs best as a fall crop, but also excellent as an overwintering option in greenhouses or high tunnels. A reliable green for winter CSA offerings, but does not perform well in the heat of summer. David Landreth developed the original Bloomsdale spinach in the 1800s.**2877 Abundant Bloomsdale** 45 days

OP • OSSI • Tunnel/field • Spring/fall • Ideal for full sized leaves

Delicious, glossy, dark green leaves with the most savoyed texture we've seen.

Thick, sweet-tasting leaves with rounded shape and juicy, succulent texture. Slow growing with very large, upright leaves in the mild Pacific Northwest and slightly more compact habit in our Northeast trials. Started at the Abundant Life Seed Foundation in 2002; breeding finished by a team of organic farmers with support from Organic Seed Alliance (OSA) and released under the Open Source Seed Initiative. A portion of sales from this variety supports OSA's breeding program.

2885 Giant Winter 50 days

OP • Tunnel • Fall/overwinter • Baby or full sized leaves

Dark green, glossy leaves are deeply savoyed and selected for cold hardiness.

High-yielding variety recommended for fall crops, winter greenhouse production, or overwintering outdoors under mulch. Incredibly cold hardy; specifically developed for overwintering for a spring crop.

SPINACH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/4 oz	1 oz	1/4 lb	1 lb	5 lb	20 lb*
2877 Abundant Bloomsdale	\$ 2.95	\$ 7.50	\$ 21.00	\$ 55.00	\$ 45.00/lb	\$ 34.00/lb
2880 Bloomsdale Longstanding	\$ 2.95	\$ 7.50	\$ 21.00	\$ 55.00	\$ 45.00/lb	\$ 34.00/lb
2868 Butterflay	\$ 2.95	\$ 5.80	\$ 16.80	\$ 38.75	\$ 26.30/lb	\$ 18.72/lb
2885 Giant Winter	\$ 2.95	\$ 3.85	\$ 9.15	\$ 25.50	\$ 20.40/lb	\$ 15.88/lb
2878 Matador	\$ 2.95	\$ 5.80	\$ 16.80	\$ 38.75	\$ 26.30/lb	\$ 18.72/lb
2869 Verdil	\$ 2.95	\$ 5.80	\$ 16.80	\$ 38.75	\$ 26.20/lb	\$ 18.72/lb
2889 Winter Bloomsdale	\$ 2.95	\$ 8.00	\$ 20.00	\$ 66.00	\$ 59.00/lb	\$ 52.50/lb

SPINACH SEED - HYBRID - SOLD BY SEED COUNT

	100	500	5 M	10 M	50 M	100 M	500 M	1000 M**
2886 Acadia F1	\$ 2.95	\$ 3.30	\$ 1.30/M	\$ 0.95/M	\$ 0.84/M	\$ 0.74/M	\$ 0.69/M	\$ 0.64/M
2887 Corvair F1	\$ 2.95	\$ 3.30	\$ 1.30/M	\$ 0.95/M	\$ 0.84/M	\$ 0.74/M	\$ 0.69/M	\$ 0.64/M
2881 Regiment F1	\$ 2.95	\$ 3.85	\$ 1.90/M	\$ 1.30/M	\$ 1.10/M	\$ 0.94/M	\$ 0.92/M	\$ 0.87/M
2884 Renegade F1	\$ 2.95	\$ 4.00	\$ 1.95/M	\$ 1.50/M	\$ 1.30/M	\$ 1.05/M	\$ 0.92/M	\$ 0.74/M
new 2879 Space F1	\$ 2.95	\$ 3.85	\$ 1.90/M	\$ 1.30/M	\$ 1.10/M	\$ 0.94/M	\$ 0.92/M	\$ 0.88/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For 1000 M, add \$12.

HOPE
IS A SEED

“Working outside everyday, we are reminded that despite Covid-19, growth is happening everywhere and there is hope for the post crisis rebound. It is amazing to see the new shoots of life that come with spring showers and longer days of increased sun. Use this time to reconnect to the earth—start a garden, support a local farm, do the weeding that never gets done—and appreciate the small moments in life that bring warmth to your heart!”

—Peanut of Wild Hope Farm in South Carolina

Summer Squash

Cucurbita pepo

Zach and Monique bringing in a summer squash harvest from the trials field.

CULTURAL INFO: Days to maturity are from direct seeding, subtract 2 weeks if transplanting. Summer squash are warm-season annuals in the cucurbit family, which includes winter squash, pumpkins, watermelons, cucumbers and melons. Direct seed as soon as all chance of frost has passed or start transplants 3-4 weeks before planting date. Optimum soil temperature for germination is about 85°F. Black plastic mulch and floating row cover can be used to increase soil and air temperature, as well as ward off cucumber beetles which feast on young seedlings and spread disease. Many growers plant multiple successions of summer squash during a season to ensure continuous harvest, transplanting the first succession immediately after last frost date and the final succession three months before the expected first frost. Best quality fruit are harvested at 5-8" or smaller, while skin is soft and somewhat glossy. Harvest fruits every other day for best size and quality and to maintain plants' productivity. Fruits are easily bruised and very perishable, but will store 1 to 2 weeks at 41-50°F with 90% relative humidity.

DISEASE & PESTS: Prevent disease and pest pressure by utilizing practices like crop

rotation and cover cropping. Striped cucumber beetles cause feeding damage to leaves and flowers and can transmit bacterial wilt. Row cover can provide protection, but must be removed during flowering for pollination. Squash vine borers can overwinter in the soil and cause stunted growth; best techniques for breaking cycles include crop rotation and annual cover cropping. Avoid widespread powdery mildew with proper plant spacing to allow good airflow.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **CMV-Cucumber Mosaic Virus, PM-Powdery Mildew, PRS-Papaya Ringspot Virus, WMV-Watermelon Mosaic Virus, ZYMV-Zucchini Yellow Mosaic Virus**

SEED SPECS: Zucchini, 155-260 (200 avg) seeds/oz, 2.5-4.2M (3.3M avg) seeds/lb. Summer Squash, 260-375 (315 avg) seeds/oz, 4.2-6M (5.1M avg) seeds/lb. Specialty, 220-280 (250 avg) seeds/oz, 3.5-4.5M (4M avg) seeds/lb. M=1,000. **1/8 oz approx. 30 seeds.** Direct seeding rate: Sow 2 seeds every 18-24", in rows 5' apart. Transplants: 18-24" apart in rows 5' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

ZUCCHINI

2890 Green Machine F1 45 days

HYBRID • IR: **CMV, PM, WMV, ZYMV** • Open habit • Harvest at 7-8"

Aptly named for cranking out uniform fruits of exceptional quality over a long season. This vigorous variety produces nearly flawless, medium green fruits daily in the high season. With an open and upright habit for ease of harvest and disease resistances that keep plants healthy for the long haul, Green Machine F1 is consistently a top performer for commercial production. From Vitalis Organic Seeds.

2900 Dark Green 50 days

OP • Harvest at 6-8"

Vigorous variety produces good yields of straight, smooth fruits. An open-pollinated variety best suited to the home garden with abundant yields of lightly mottled dark green fruits. Pale greenish-white, firm flesh.

2909 Desert F1 50 days

HYBRID • IR: **CMV, PM, PRS, WMV, ZYMV** • Drought tolerant • Harvest at 7-8"

Gorgeous fruits with strong disease resistance and exceptional fruit set in hot weather. Dark green fruit with slight speckles are cylindrical and very attractive. Tall plants have a broad, open architecture which makes for easy picking. Impressive resistance to powdery mildew in our trials. Sister variety to Dunja F1.

2892 Dunja F1 50 days

HYBRID • IR: **PM, PRS, WMV, ZYMV** • Compact habit • Short spines • Harvest at 7-8"

Excellent disease resistance and high yields of attractive, straight, green glossy fruit. A true standout. When compared to market standards like Payroll F1, Dunja F1 outperformed them in powdery mildew resistance and overall yield. Plants are compact and single stemmed with short spines.

2915 Goldy F1 50 days

HYBRID • IR: **PM** • Resists greening • Open habit • Harvest at 8-10"

Long, slender fruits with bright yellow skin, white flesh and contrasting green stems. Open habit with few spines makes harvesting easy. Heavy yields with a high percentage of marketable fruit. Mix with green zucchini for an eye-catching display. Similar to Sebring and Gold Rush, with less greening than Gold Rush. From our partners at Genesis Seeds.

2899 Yellowfin F1 50 days

HYBRID • IR: **CMV, PM** • Compact, open habit • Harvest at 6-8"

Uniform, cylindrical fruits with bright yellow coloration. Pure gold-colored fruits with buttery flavor simply glow at market. Compact, nearly spineless plants have an open habit for ease of harvest. Intermediate resistance to cucumber mosaic virus and powdery mildew for a reliable harvest even in challenging field conditions. From Vitalis Organic Seeds.



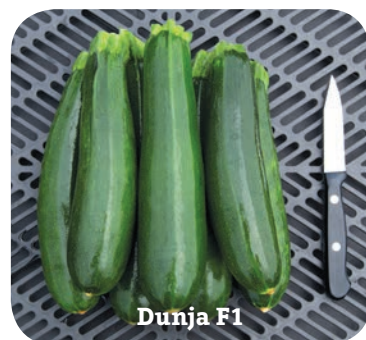
Green Machine F1



Dark Green



Desert F1



Dunja F1



Goldy F1



Yellowfin F1



Cha-Ching F1



Costata Romanesco



Dario F1



Dark Star



Midnight Lightning



Cocozelle



Supersonic F1



Smooth Operator F1



Success PM Straightneck

2901 Cha-Ching F1 52 daysHYBRID • **BRED BY HIGH MOWING** • Open habit • Harvest at 6-8"**Productive and vigorous zucchini.** Medium green glossy fruit is speckled and slightly tapered with a small blossom. Very open in habit, making for easy harvest and increased airflow to keep down disease. Bred and produced by High Mowing for organic growers.**2895 Costata Romanesco** 54 days

HEIRLOOM • Gourmet variety • Harvest at 6"

Wins every taste test with its unique, slightly nutty flavor and exceptional texture. Italian heirloom with tender, gray-green skin and prominent ribbing that give this variety a distinctive appearance. Pick at 6" or smaller and fry whole with the flower still attached.**2897 Dario F1** 55 daysHYBRID • HR: **PM** • Cocozelle-type • Upright, single stemmed • Harvest at 10-12"**Improved with more defined striping, open plant habit, disease resistance and attractive fruit.** Eye-catching variety with lime green stripes won us over in our trials with long, slender fruit that hold well after harvest. Open habit for easier picking. Sweeter flavor than most cocozelle types. From our partners at Genesis Seeds.**2911 Dark Star** 55 days

OP • Drought tolerant for dry farming • Uniform • Harvest at 6-8"

Stellar variety selected for drought tolerance, high-quality uniform fruit and high yields. Dark green, glossy fruit on single-stemmed plants with great vigor. Bred for productive plants that establish easily without irrigation. Modern open-pollinated variety developed by the Organic Seed Alliance and Eel River Produce in Humboldt County, CA.**2907 Midnight Lightning** 55 daysOP • OSSI • **BRED BY HIGH MOWING** • PM tolerant • Harvest at 7-8"**Extra-long and slender zucchini with dark green, almost-black coloring.** Single-stemmed plants are sturdy and stems have few spines. Plants produce quickly and have good field resistance to disease. The first variety developed on our organic seed farm in Wolcott, Vermont and released through the Open Source Seed Initiative.**2896 Cocozelle** 58 days

OP • Bush habit • Uniform shape • Harvest at 6-8"

Productive, tasty Italian variety with attractively striped fruits. Dark and light green striping is less defined than Costata Romanesco. Flavor is slightly nutty; milder than Costata but more flavorful than most zucchini. Straight fruit with very slight ribbing over the lighter green striping.**YELLOW SUMMER SQUASH****new 2893 Supersonic F1** 48 days

HYBRID • Multipik type • Yellow Straightneck • Harvest at 5-6"

Extra-early, yellow straightneck squash with high yields and continuous fruit set. Plants are single stem, with an open growth habit making them very easy to pick, and they exhibit the precocious yellow gene, a trait that shows up as a yellow stem on the fruit. This gene has shown evidence of the early development of color on baby fruit and limiting greening of mature fruit caused by cucumber mosaic virus and watermelon mosaic virus, increasing the harvest window. Bred by our partners at Seneca Vegetable Research. A portion of the sales of this variety is paid to the breeder.**2914 Smooth Operator F1** 50 daysHYBRID • HR: **PM** • Spineless • Harvest at 6-7"**An elegant summer squash you can pick without pain.** Get ready for your easiest harvests ever: Smooth Operator F1 is highly refined both in plant architecture and smoothness. Upright, open habit plants are easy to access, quick to pick, and yield a gorgeous crop of long, slim fruit with very smooth skin. Part of the Slick Pik® series carrying the gl-2 glabrous gene developed by Dr. Brent Loy at the University of New Hampshire. A portion of the sales of this variety is paid to the breeder.**2908 Success PM Straightneck** 50 daysOP • HR: **PM** • Uniform shape • Harvest at 6-7"**Prolific, disease-resistant plants with smooth, uniform and attractive fruit.** A breakthrough in open-pollinated summer squash; high yielding in our trials with over three months of abundant, disease-free harvest. Released by High Mowing and Cornell's Vegetable Breeding Institute. A portion of the sales of this variety is paid to the breeder.

HOPE
IS A SEED

“ Sometimes, farming doesn't go as planned. Sometimes, marauding grasshoppers demolish all your greens. Spring storms drop hail the size of golf balls. Drip lines burst, equipment breaks, and schedules fall apart. But it's taught us resilience, confidence, and innovation. In the end, farming makes us the best versions of ourselves and in that, for all the hard work it takes, is a lesson we feel blessed to learn. ”

—LeeAnne of Lake Hollow Homestead in Colorado

HOPE IS A SEED

“The story of this pandemic will be the story of community. Although a paradox, our community has come together in tremendous ways while we are forced to isolate. By supporting local growers and farms, we are nourishing each other. As farmers and growers, we are conditioned to adapt to increasing and challenging environmental shifts: warmer winters and erratic climate fluctuations. The pandemic is another one of these challenges. It's not easy, but neither is life. We love our community! —Nadia, farmer in New York”



Yellow Crookneck

2910 Yellow Crookneck 50 days

HEIRLOOM • Prolific yields • Harvest at 5-6"

Tender, lemon-yellow fruits. Signature bent fruit are best harvested at 5-6" long or smaller for best flavor and texture. Our strain has been selected for yield, shape and quality. If left to overgrow, can be used for a dark yellow, warty ornamental gourd.

SPECIALTY

2898 Mexicana F1 47 days

HYBRID • IR: **CMV, PM, PRS, WMV, ZYMV** • Open habit • Harvest at 6-8"

Medium green fruits with small end scars and attractive, tapered form. Plants are single stemmed and present a very open and upright growth habit, making for easy harvests. Skin and flesh are tender and sweet, and plants are highly productive long into the growing season.



Mexicana F1



Benning's Green Tint

2912 Benning's Green Tint 52 days

HEIRLOOM • Patty pan-type • Harvest at 3-4" diameter

Prolific patty pan with striking, pale green fruits that mature to a creamy white. Bush habit of plants provides good coverage for dense clusters of scalloped-edge fruits. Listed on the Slow Food Ark of Taste as a distinctive food facing extinction. Excellent flavor profile when sautéed or stuffed, and a beautiful addition to squash mixes for market or kitchen harvests.

2916 Ronde de Nice 52 days

HEIRLOOM • Specialty crop • Harvest at 3-4" diameter

Perfectly spherical light green fruits with white speckling—a unique specialty item. Heirloom from southern France with nice nutty flavor and great texture for fresh eating or freezing. Round shape and small size make this variety perfect for stuffing. *Limited availability in 2021*



Ronde de Nice



Y-Star F1

2917 Y-Star F1 55 days

HYBRID • Patty pan-type • Prolific • Harvest at 2-4" diameter

Golden saucer-shaped fruits with attractive, scalloped edges. Plants begin producing early and remain prolific throughout the season. Excellent flavor, harvest when small and tender, about the size of a teacup.

SUMMER SQUASH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2912 Benning's Green Tint Specialty	\$ 2.95	\$ 11.00	\$ 29.00	\$ 49.00	\$ 85.00	\$ 70.00/lb	\$ 62.50/lb
2896 Cocozelle Zucchini	\$ 2.95	\$ 6.50	\$ 17.00	\$ 30.00	\$ 48.00	\$ 41.00/lb	\$ 35.25/lb
2895 Costata Romanesco Zucchini	\$ 2.95	\$ 7.50	\$ 24.00	\$ 65.00	\$ 95.00	\$ 85.00/lb	\$ 75.00/lb
2900 Dark Green Zucchini	\$ 2.95	\$ 5.25	\$ 10.00	\$ 26.00	\$ 39.00	\$ 32.00/lb	\$ 27.00/lb
2916 Ronde de Nice Specialty - <i>Limited availability in 2021</i>	\$ 2.95	\$ 7.60	\$ 22.00	\$ 34.90	\$ 53.50	\$ 48.00/lb	\$ 41.60/lb
2908 Success PM Straightneck Summer	\$ 2.95	\$ 7.50	\$ 13.00	\$ 33.00	\$ 50.00	\$ 43.00/lb	\$ 39.25/lb
2910 Yellow Crookneck Summer	\$ 2.95	\$ 7.50	\$ 13.00	\$ 33.00	\$ 50.00	\$ 43.00/lb	\$ 39.25/lb

SUMMER SQUASH SEED - HYBRID - SOLD BY SEED WEIGHT

	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2901 Cha-Ching F1 Zucchini	\$ 6.60	\$ 17.00	\$ 40.00	\$ 127.50	\$ 205.00	\$ 190.00/lb	\$ 175.00/lb

SUMMER SQUASH SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2911 Dark Star Zucchini	\$ 3.95	\$ 9.45	\$ 19.40	\$ 62.25	\$ 48.00/M	\$ 39.80/M
2907 Midnight Lightning Zucchini	\$ 4.05	\$ 6.90	\$ 11.25	\$ 36.75	\$ 28.35/M	\$ 22.80/M

SUMMER SQUASH SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2909 Desert F1 Zucchini	\$ 4.00	\$ 15.75	\$ 29.50	\$ 104.00	\$ 92.00/M	\$ 83.60/M
2892 Dunja F1 Zucchini	\$ 4.00	\$ 15.75	\$ 29.50	\$ 104.00	\$ 92.00/M	\$ 83.60/M
2915 Goldy F1 Zucchini	\$ 7.60	\$ 27.85	\$ 63.00	\$ 178.50	\$ 137.60/M	\$ 120.40/M
2890 Green Machine F1 Zucchini	\$ 4.10	\$ 15.25	\$ 31.50	\$ 107.00	\$ 95.60/M	\$ 86.00/M
2898 Mexicana F1 Zucchini	\$ 7.45	\$ 17.35	\$ 40.00	\$ 120.00	\$ 110.00/M	\$ 102.00/M
2914 Smooth Operator F1 Summer	\$ 7.00	\$ 15.00	\$ 38.00	\$ 120.00	\$ 80.00/M	\$ 72.00/M
new 2893 Supersonic F1 Summer	\$ 6.60	\$ 17.00	\$ 40.00	\$ 127.50	\$ 102.00/M	\$ 90.00/M
2917 Y-Star F1 Specialty	\$ 5.00	\$ 14.50	\$ 32.00	\$ 105.00	\$ 93.00/M	\$ 88.00/M
2899 Yellowfin F1 Zucchini	\$ 7.45	\$ 17.35	\$ 36.00	\$ 120.00	\$ 105.00/M	\$ 98.80/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Your Source for 100% Certified Organic, Non-GMO Project Verified Seeds

Winter Squash

Cucurbita spp.



Steven and Zane transplanting Burgess Buttercup into plastic mulch in early summer.

CULTURAL INFO: Days to maturity are from direct seeding, subtract two weeks if transplanting. Winter squash is a warm-season annual that can be direct seeded or transplanted once danger of frost has passed. Bush types provide less weed suppression and are typically planted closer than vining types for easier tractor cultivation and higher yields per acre. Start transplants 3-4 weeks before last spring frost. Black plastic mulch and row covers can be used to increase soil temperature for earlier planting. Harvest when fruits are full size, have a deep color and have hard rinds that can't be easily dented with a fingernail. Changing color of the ground spot from yellow to cream, gold or orange is another general indicator of ripeness. Cold temperatures below 45°F can cause chilling injury and reduce storage ability. To harvest, cut stem at least 2" from the fruit; a short or broken stem can lead to rot. Cure after harvest by keeping in a warm, dry location for a few days, then store at 50-55°F with 55-75% relative humidity and good air circulation.

Delicata and acorn squash do not need curing, but will not store as long as other varieties.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **PM-Powdery Mildew**, **ZYMV-Zucchini Yellow Mosaic Virus**

SEED SPECS: Acorn & Butternut, 260-375 (315 avg) seeds/oz, 4.2-6M (5.1M avg) seeds/lb. **1/8 oz approx. 40 seeds.** Buttercup & Spaghetti, 160-175 (165 avg) seeds/oz, 2.6-2.8M (2.7M avg) seeds/lb. **1/8 oz approx. 20 seeds.** Hubbard & Kuri/Kabocha, 90-125 (105 avg) seeds/oz, 1.5-2.5M (1.7M avg) seeds/lb. **1/8 oz approx. 12 seeds.** Delicata & Dumpling, 400-470 (435 avg) seeds/oz, 6.5-7.5M (7M avg) seeds/lb. **1/8 oz approx. 50 seeds.** M=1,000. Direct seeding rate: Sow 2 seeds every 18-24" in rows 5-6' apart. Transplants: 18-24" apart in rows 5-6' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

ACORN - *C. pepo*

2926 Sugarbush F1 90 days

HYBRID • **HMOSEXCLUSIVE** • HR: **PM** • Compact bush habit • 2.25-2.75 lbs
Heavy, attractive dark green fruits with sweet, deep orange flesh. Nicely rounded fruits are about 5" wide with a small seed cavity. Compact bushy vines with strong powdery mildew resistance. Exceptional sweetness. Bred by Dr. Brent Loy at the University of New Hampshire and produced on the High Mowing farm. A portion of sales are paid to the breeder.

2920 Sweet REBA 90 days

OP • HR: **PM** • Semi-bush habit • 2-2.5 lbs
High-yielding, uniform, disease-resistant variety that allows for good sugar production. Resistant Early Bush Acorn (REBA) continues putting energy into developing sugars long after everything else has withered. Outperformed Table Ace F1 in bush habit, mildew resistance, yield, flavor, uniformity and ripeness in our trials. From our partnership with Cornell University. 4-5 fruits/plant. A portion of sales are paid to the breeder.

BUTTERNUT - *C. moschata*

2949 Havana F1 90 days

HYBRID • IR: **PM, ZYMV** • Semi-vining • Excellent storage • 3-4 lbs
This mid-sized butternut holds like a champion in storage, maintaining both texture and flavor. Uniform, blocky fruits have an even taper and traditional butternut color. A thick neck and a small seed cavity maximizes yields of nutty-tasting flesh. From our partners at Vitalis Organic Seeds.

2918 Nutterbutter 90 days

OP • **BRED BY HIGH MOWING** • Early and reliable • 2.5-3.5 lbs
Uniform, personal-sized fruits with consistently nutty, sweet flavor. Reliably matures in regions that have trouble ripening butternuts. Some tolerance of powdery mildew. Developed in our breeding program by Dr. Jodi Lew-Smith and selected for uniformity, bell-shape, early maturity and great flavor.

2943 Brûlée 90-95 days

OP • Early mini butternut • Stores well • 0.5-1 lb
A prolific and early producer of stout, personal-sized squashes with traditional butternut color. Earlier and better storing than the popular Honeynut, Brûlée was also developed by Dr. Michael Mazourek at the Vegetable Breeding Institute at Cornell University. Uniform, squat fruits have a rich and savory flavor profile with just the right amount of sweetness. Very high yields on vigorous plants. A portion of sales are paid to the breeder.

2948 Tiana F1 95 days

HYBRID • IR: **ZYMV** • Vigorous and productive • 2-2.5 lbs
High-yielding organic hybrid with consistent quality fruit. Stout, blocky shape, classic buff skin and bright orange internal color. Flesh is sweet with smooth, creamy texture. Among the highest yields of marketable fruit in NY and OR trials against market standards like Metro PMR and Butterscotch PMR. Shows some resistance to powdery mildew.



Sugarbush F1



Sweet REBA



Havana F1



Nutterbutter



Brûlée



Tiana F1



Waltham, Havana F1, Tiana F1, Nutterbutter, Brûlée, Honeynut

2927 **Autumn Frost F1** 100 days

HYBRID • HR: **PM** • Specialty Butternut • Stores well • 3-4 lbs

Beautiful moschata squash with delicious, butternut flavor and decorative appeal. Don't be fooled by the decorative gourd-level beauty of this productive squash. The unique appearance houses a delicious flesh that is sweet, earthy, and reminiscent of your favorite butternut squash. Perfect for roasting, pies, and breads. It is an excellent storage crop, allowing you to enjoy the flavor and sales of this beautiful squash long after harvest.

2940 **Waltham** 105 days

OP • Stores well • Vining • Uniform, 4-5 lbs

By far the most widely grown open-pollinated butternut with delicious, finely textured, dark orange flesh. Uniform fruit with smooth, tan skin that is easily peeled with a potato peeler. Our strain has been selected for uniformity of size, shape and yields. Excellent keeper if cured properly.

2942 **Honeynut** 110 days

OP • Short term storage • 0.5-1 lbs • Exceptional flavor

Adorable, serving-size mini butternut with dark, golden tan skin and great, sweet flavor. Delectable squash with uniform, butternut shape. Green unripe fruits; early planting is recommended for tan color. Field resistance to powdery mildew. Developed by the Vegetable Breeding Institute at Cornell University. A portion of the sales of this variety is paid to the breeder.

DELICATA & DUMPLING - *C. pepo*

2951 **Bush Delicata** 80 days

OP • PVP • IR: **PM** • Semi-vining habit • 1.5-2 lbs • AAS Winner

Tidy plants with sweet, oblong fruits. Delicious, smooth, nutty flesh with hints of butter and brown sugar. Skin starts creamy white with green stripes and flecks, curing to striped light yellow. Manageable plants spread only 4-6 feet. All-American Selections (AAS) winner bred by Molly Jahn and George Moriarty at Cornell University. A portion of the sales of this variety is paid to the breeder.

2955 **Sugar Dumpling F1** 90 days

HYBRID • IR: **PM** • Semi-bush habit • Stores well • 1.5-2 lbs

Perfect two-serving dumpling squash with creamy striped skin and very sweet flesh. Deep orange, fine grained inner flesh. Bred for semi-bush habit, powdery mildew resistance and exceptionally high sugar content. 4-6 fruits/plant. Stores up to 6 months. Developed by Dr. Brent Loy at University of New Hampshire with High Mowing and produced on the High Mowing farm in Hyde Park, VT. A portion of the sales of this variety is paid to the breeder.

2950 **Delicata** 95 days

OP • Uniform fruit • 1-1.5 lbs

Superbly sweet, tender flesh unique to Delicata. Delicious baked or boiled and commonly eaten with the skin on. Our strain has been selected since 2001 for uniformity of size, shape and color as well as yields of sweet, soft-shelled fruit.

2952 **Honey Boat** 100 days

OP • Exceptional flavor • 1-1.5 lbs

Taste Honey Boat and you'll think you're truly tasting a spoonful of honey. Many claim that this refined Delicata is the "sweetest squash in existence." Long fruits have the traditional green striping of Delicatas, but with coppery skin instead of the classic yellow. Holds well and keeps its sweetness through storage. Developed by Oregon State University vegetable breeder Jim Baggett.

KURI / KABOCHA - *C. maxima*

2946 **Bagheera F1** 95 days

HYBRID • **HMOS EXCLUSIVE** • Semi-bush habit • 3-4 lbs

High-yielding, dark green kabocha with exceptionally dense, dry texture and delectable, rich flavor. Produced the greatest quantity of marketable fruit per plant in our trials. Fruits measure about 4.5" in height and 6.5" in diameter. From Dr. Brent Loy at University of New Hampshire. A portion of the sales of this variety is paid to the breeder.

2954 **Sunshine F1** 95 days

HYBRID • Semi-bush • AAS Winner • 3-5 lbs

The standard-bearer for flavor and commercial production of kabocha squash. Unbeatable flavor and a vigorous, compact plant habit won Sunshine F1 an All-America Selections award in 2004 and growers have been singing its praises ever since. Flattened globe-shaped fruits have excellent flavor and tender, stringless texture. A great culinary variety for baking, mashing or pies. From the breeding team at Johnny's Selected Seeds.

2960 **Red Kuri** 95 days

OP • Reliable in short seasons • 3-4 lbs

Teardrop-shaped red-orange squash from Japan. Also known as Baby Red Hubbard or Orange Hokkaido, this variety has smooth, sweet, dry orange flesh. Reliable yields even in cool climates with short growing seasons. Improved High Mowing strain with enhanced uniformity.



Autumn Frost F1



Waltham



Bush Delicata



Honeynut



Sugar Dumpling F1



Delicata



Bagheera F1



Honey Boat



Sunshine F1



Red Kuri



Winter Sweet F1



Orangeti F1



Spaghetti



Baby Blue Hubbard



Burgess Buttercup



Black Futsu

new 2919 Winter Sweet F1 95 days
HYBRID • Excellent long storage • Taste test winner • 4-5 lbs
Beautiful pale, greyish-blue fruit with flaky textured flesh and complex flavor that improves in storage. A stunning squash both in flavor profile and productivity, it has won our taste tests for its sweetness and depth of flavor. The flavor improves after 2 to 5 months of storage, making for great off-season sales. Fruit are approximately 4-5 lbs in weight and plants reliably produce 2 fruit per plant. A favorite variety of our trials team. Bred by Johnny's Selected Seeds.

OTHER

2944 Orangeti F1 70 days

HYBRID • High yields • Unique color • 3-4.25 lbs
A fun, colorful addition to kids' meals. Fruits are oblong like a traditional spaghetti squash, but mature to a brilliant orange instead of pale yellow. Flesh is a vivid yellow-orange and pulls apart into "noodles" when cooked. Early maturing with very high yield potential. From our partners at Genesis Seeds. *C. pepo*

2945 Spaghetti 88 days

OP • Great flavor • 3-5 lbs
Fork over the squash pasta. Oblong light yellow fruits have very sweet flesh. Bake or boil this unusual vegetable and the flesh separates into noodles resembling spaghetti. Families love this kid-friendly vegetable—just top with sauce and serve. 4-5 fruits/plant. *C. pepo*

2925 Baby Blue Hubbard 95 days

OP • Uniform fruit • 5-7 lbs
Highly marketable, scaled-down blue hubbard with smooth gray skin and sweet flesh. Fruits are of consistent quality and teardrop shaped, with sweeter flesh than the standard Blue Hubbard. Our strain has been improved for uniformity on the High Mowing farm. Excellent trap crop for cucumber beetles, who love Blue Hubbard. *C. maxima*

2930 Burgess Buttercup 95 days

OP • Uniform fruits • Large, prolific vines • 3-5 lbs
Dark green fruits with golden orange, stringless flesh and sweet, rich flavor. A long-time New England favorite. Typically produces 10-12 fruits per plant, with vines reaching 15' long. Our improved strain has a high percentage of clean, non-warty and uniform squash. Fruits have a gray button on the blossom end. *C. maxima*

2822 Black Futsu 105 days

HEIRLOOM • Stores well • Excellent eating squash • 3-5 lb fruit
Japanese heirloom with unforgettable visual appearance and irresistibly sweet flesh. The decorative quality of this unique fruit makes it an ornamental treasure in fall. Spooky and gorgeous at the same time, fruit are bumpy and textured with a frosted, grey to russett skin when ripe. The delicious flesh is sweet raw or roasted, with light and fruity notes that hang delicately in each bite. Fruit ripens in winter storage when the green halo between the flesh and the skin disappears and skin turns from black to chestnut. Plants produce 3-5 squash per plant. *C. moschata*

WINTER SQUASH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
2925 Baby Blue Hubbard	\$ 2.95	\$ 7.95	\$ 13.95	\$ 42.25	\$ 66.25	\$ 56.10/lb	\$ 47.00/lb
2822 Black Futsu	\$ 3.30	\$ 7.65	\$ 16.35	\$ 38.75	\$ 71.40	\$ 66.40/lb	\$ 60.20/lb
2943 Brûlée Butternut	\$ 5.00	\$ 9.00	\$ 22.00	\$ 70.00	\$ 110.00	\$ 75.00/lb	\$ 64.00/lb
2930 Burgess Buttercup	\$ 2.95	\$ 6.00	\$ 15.00	\$ 26.00	\$ 45.00	\$ 41.00/lb	\$ 37.50/lb
2951 Bush Delicata	\$ 2.95	\$ 8.00	\$ 22.00	\$ 66.50	\$ 120.50	\$ 101.00/lb	\$ 100.00/lb
2950 Delicata	\$ 2.95	\$ 7.50	\$ 17.75	\$ 46.00	\$ 77.00	\$ 68.00/lb	\$ 58.00/lb
2952 Honey Boat Delicata	\$ 3.75	\$ 9.00	\$ 28.00	\$ 75.00	\$ 125.00	\$ 119.00/lb	\$ 100.00/lb
2942 Honeynut Butternut	\$ 3.85	\$ 8.00	\$ 23.00	\$ 62.00	\$ 105.00	\$ 95.00/lb	\$ 84.00/lb
2960 Red Kuri	\$ 2.95	\$ 7.00	\$ 15.00	\$ 33.00	\$ 45.00	\$ 40.00/lb	\$ 623.00/lb
2945 Spaghetti	\$ 2.95	\$ 4.50	\$ 15.00	\$ 30.00	\$ 45.00	\$ 40.00/lb	\$ 36.00/lb
2920 Sweet REBA Acorn	\$ 2.95	\$ 7.00	\$ 18.15	\$ 45.00	\$ 70.00	\$ 60.00/lb	\$ 48.00/lb
2940 Waltham Butternut	\$ 2.95	\$ 4.60	\$ 11.75	\$ 25.50	\$ 45.00	\$ 39.00/lb	\$ 32.50/lb

WINTER SQUASH SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2918 Nutterbutter Butternut	\$ 5.00	\$ 11.50	\$ 26.00	\$ 60.00	\$ 50.00/M	\$ 46.00/M

WINTER SQUASH SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M	100 M
2927 Autumn Frost F1 Moschata	\$ 4.50	\$ 15.00	\$ 42.00	\$ 125.00	\$ 108.00/M	\$ 94.00/M	\$ 90.00/M
2946 Bagheera F1 Kabocha	\$ 4.95	\$ 12.75	\$ 31.00	\$ 95.00	\$ 85.00/M	\$ 74.00/M	\$ 65.00/M**
2949 Havana F1 Butternut	\$ 4.50	\$ 15.00	\$ 42.00	\$ 125.00	\$ 112.00/M	\$ 100.00/M	\$ 94.50/M
2944 Orangeti F1 Spaghetti	\$ 5.10	\$ 16.35	\$ 46.00	\$ 133.00	\$ 121.00/M	\$ 116.00/M	\$ 107.50/M**
2955 Sugar Dumpling F1	\$ 7.00	\$ 13.00	\$ 28.00	\$ 90.00	\$ 77.00/M	\$ 66.00/M	\$ 60.00/M**
2926 Sugarbush F1 Acorn	\$ 7.00	\$ 13.00	\$ 28.00	\$ 90.00	\$ 77.00/M	\$ 66.00/M	\$ 60.00/M**
2954 Sunshine F1 Kabocha	\$ 5.00	\$ 16.00	\$ 40.00	\$ 125.00	\$ 95.00/M	\$ 90.00/M	\$ 72.50/M**
2948 Tiana F1 Butternut	\$ 5.00	\$ 17.00	\$ 35.00	\$ 107.00	\$ 99.00/M	\$ 89.00/M	\$ 82.25/M
new 2919 Winter Sweet F1 Kabocha	\$ 4.00	\$ 13.00	\$ 32.00	\$ 94.00	\$ 85.00/M	\$ 78.00/M	

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more. **For 100 M pepo varieties, add \$12.

Tomatoes

Solanum lycopersicum

Monique, Zach and Taylor perfecting the Florida-Weave in the trials tomato field.

CULTURAL INFO: Days to maturity are from transplant. Tomatoes are warm-season tender annuals in the Solanaceae family. Indeterminate types ripen mid-to-late summer, bear fruit over a long period of time and require pruning and support. Determinate types ripen early, have a concentrated fruit set, shorter growth habit, and support may not be required. Start seeds 6-8 weeks before planting date. Optimal soil temperature for germination is 75-85°F. Transplant after danger of frost has passed. Harvest tomatoes fully ripe or when half ripe and ripen off the vine at temperatures above 70°F. Store between 55-70°F with 95% relative humidity.

DISEASE & PESTS: Early blight is caused by *Alternaria solani* and *A. alternata* in cooperation with *Septoria lycopersici*. Early blight is best treated early. Late blight, *Phytophthora infestans*, is increasingly becoming an issue for growers. Prevent both with good airflow, tolerant varieties, organic fungicide and sulfur sprays. The best prevention for all diseases is to use disease-free seed, avoid contact with wet plants

during moist conditions, and immediately remove and destroy infected plant material to prevent spread.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **ASC-Alternaria Stem Canker**, **BS-Bacterial Speck**, **CR-Corky Root**, **EB-Early Blight**, **FCR-Fusarium Crown & Root Rot**, **FW-Fusarium Wilt**, **GLS-Grey Leaf Spot**, **LB-Late Blight**, **LM-Leaf Mold**, **PM-Powdery Mildew**, **NEM-Root Knot Nematodes**, **SLS-Septoria Leaf Spot**, **TANV Tomato Apex Necrotic Virus**, **ToMV Tomato Mosaic Virus**, **TSWV-Tomato Spotted Wilt Virus**, **VW-Verticillium Wilt**

SEED SPECS: Cherry & Saladette, 280-420 (350 avg) seeds/gram, 8-12M (10M avg) seeds/oz. Full size, 225-335 (280 avg) seeds/gram, 6.5-9.5M (8M avg) seeds/oz. M=1,000.

1/10 gm approx. 30 seeds. Transplants: Determinate, 12-24" apart in rows 5-6' apart. Indeterminate, 16-36" apart, depending on cultural practice, in rows 5-6' apart.

GREENHOUSE

2971 **Toronjina F1** 55 days

HYBRID • HR: **LM, FW (0-1), ToMV (0-2)** • Indeterminate • Truss harvest • .75 oz **Orange cherry with sensational, juicy, sweet flavor.** Finally an organic rival for the beloved Sungold F1. A medium-sized orange cherry with slightly thicker skin than Sungold F1. Perfect for high tunnels but tends to crack in the field if not harvested regularly. Showed good field tolerance to late blight in our trials.

3006 **Bartelly F1** 60 days

HYBRID • HR: **LM, ToMV** • Indeterminate • Truss harvest • .75 oz **Delicious, disease-resistant cherries for unheated greenhouses and high tunnels; also performs well in the field.** Knocked our socks off with its sweet, well-balanced flavor. Slightly oval fruits developed for growing in unheated organic, low-input greenhouses; also suitable for heated greenhouse culture. Healthy, vigorous plants are well-branched. From our partners at DeBolster Organic Seeds.

2978 **Sakura F1** 70 days

HYBRID • HR: **FW (0-1), LM, ToMV (0-2)** / IR: **NEM** • Indeterminate • Truss harvest • 1 oz **Excellent hybrid cherry for the field or greenhouse with perfect, uniform, bright red fruits.** Juicy, flavorful fruits hold well on the vine, allowing for harvest of entire trusses for an attractive display. Yields an impressive 10-12 fruits per truss. Some tolerance of silencing.

new 2987 **CubaLibre F1** 73 days

HYBRID • HR: **FW (0,1), LM, TANV, ToMV (0-2)** / IR: **PM** • Indeterminate • 6.6-8.6 oz **Gorgeous, purple fruits with a clean, round appearance on vigorous, tidy plants.** This "hyloom" has all the beauty of an heirloom with the vigor of a selected hybrid. Producing abundantly in the greenhouse, plants are compact and covered in fruits bursting with flavor. Coloration is similar to Cherokee Purple with slightly less pronounced green shoulders. An attractive fruit for commercial production. From Vitalis Organic Seeds.

2992 **Frederik F1** 76 days

HYBRID • HR: **FCR, FW (1,2), LM, ToMV** / IR: **PM** • Indeterminate • 12 oz **Reliable producer of beefsteak tomatoes for production in greenhouses, heated greenhouses, and during periods of low light.** Compact plants are prolific producers of clean, round fruits with good shelf life and desirable eating quality. Good option for areas where powdery mildew is a serious threat to productivity. Short-jointed plants stay small and exhibit excellent endurance during long harvest windows.

3102 **Arbason F1** 80 days

HYBRID • HR: **FW (0-1), ToMV (0-2), VW** • Indeterminate • 7-9 oz **Reliable producer of large, high-quality tomatoes with good flavor.** Outperformed Buffalo F1 and Trust F1 for flavor and yields in University of Maine trials. Harvest when fully ripe for best flavor; resists cracking. Prune to 4-5 fruits/cluster for larger fruit. From our partners at Vitalis Organic Seeds.



Toronjina F1



Bartelly F1



Sakura F1



CubaLibre F1



Frederik F1



Arbason F1



Caiman F1



Cherokee Purple



Pruden's Purple



Damsel F1



Cherokee Carbon F1



German Johnson



Brandywine



Copia



Galahad F1



Cosmonaut Volkov

3171 Caiman F1 80 days

HYBRID • HR: **FW, LM, ToMV, VV** / IR: **NEM, TSWV** • Indeterminate • 12 oz

Our largest, most disease-resistant greenhouse tomato with full, rich flavor and attractive creased shoulders reminiscent of an heirloom. Shiny, bright red fruits grow in clusters of 4-6 on vigorous plants and hold well on the vine. Plants have short internodes and good fruit set even in hot weather. Recommended for the field or high tunnels.

BEEFSTEAK - 12-16 oz

3052 Cherokee Purple 72 days

HEIRLOOM • Indeterminate • Field or greenhouse • 12-16 oz

Large beefsteak fruits with mauve-purple skin, green shoulders and red flesh. The most popular of the "black" tomatoes for its outstanding flavor and texture. Widely grown by gardeners and market growers alike. A popular heirloom for the greenhouse. Believed to trace back over 100 years to the Cherokee tribe.

3090 Pruden's Purple 72 days

HEIRLOOM • Indeterminate • 12-16 oz

Rivals Brandywine as the best-flavored heirloom tomato with silky texture. Pruden's is not really purple, but rather a deep pink with slight shoulder ribbing. Fruits are large, often close to 1 lb each, but smaller with a more refined fruit shape than Brandywine and without the hard core. Plants have potato-shaped leaves.

3008 Damsel F1 73 days

HYBRID • HR: **LB, NEM, VV** • Indeterminate • Field or greenhouse • 12 oz

Heirloom color and flavor in a late, blight-resistant pink tomato. Our customers have been consistently impressed with the flavor of this tomato, saying that it's a strong seller at markets. This variety performs like a hybrid but tastes like an heirloom. A farmer trialing it in Massachusetts said she couldn't keep up with her chefs' orders because they loved that it held for several days at peak ripeness. Yields are strong and vines are moderately vigorous, though skin may crack under stress. Bred by Dr. Jason Cavatorta of EarthWork Seeds.

2994 Cherokee Carbon F1 75 days

HYBRID • Indeterminate • Field tomato • Crack resistant • 10-12 oz

Dusky purple beefsteak tomato developed from a cross between two taste-test-winning heirlooms. This remarkable tomato boasts the resiliency and crack resistance of a hybrid plant while still maintaining the beauty and flavor of the heirlooms that created it. A perfect mix of Cherokee Purple and Carbon, this tomato provides for the greatest tomato sandwich you have ever had. Tall plants are prolific and productive and will generate fruit all the way up to first frost. From our partners at Pan American Seed.

3063 German Johnson 75 days

OP • Indeterminate • 8-16 oz

High-yielding, vigorous plants with deep pink fruits bearing earlier than other Brandywine-types. Medium-sized fruits are crack-resistant, have few seeds and are good for slicing, cooking, or canning. Fruits are acidic with a creamy texture and exceptional flavor. *Unavailable in 2021*

3050 Brandywine 82 days

HEIRLOOM • Indeterminate • 16 oz

Big, beautiful fruits that first brought recognition to the term heirloom. Well known and loved for its perfect flavor balance of sugars and acids. Delicious, deep rose-scarlet flesh is smooth and incredibly juicy. Pick just before ripe to avoid cracking. Potato-leaf variety.

3053 Copia 85 days

OP • Indeterminate • 12-16 oz

Unique, large gold fruits with a blend of orange/red and green/red striping. Sweet, juicy flesh is swirled with color throughout. Eye-catching variety for farmers markets. Stabilized by Jeff Dawson, this Green Zebra and Marvel Stripe cross is named for COPIA, the American Center of Food, Wine and the Arts in Napa, CA.

SLICERS - 8-12 oz

2995 Galahad F1 55 days

HYBRID • HR: **FW (1-3), GLS, LB, TSWV, VV** / IR: **NEM** • Determinate • 9-10 oz

High-yielding, compact plants covered in delicious, crack-resistant tomatoes with sweet, meaty flesh. These vibrant red tomatoes have broad shoulders and excellent disease resistance to late blight. The large, clean fruits produce abundantly on compact, sturdy plants and have great field holding quality. An AAS Winner that is as delicious and flavorful as it is productive.

3060 Cosmonaut Volkov 68 days

OP • Semi-determinate • 8-12 oz

Wins every taste competition with its rich complex flavor. Sweet and tangy fruits are slightly flattened with a healthy red color and moderately green shoulders. Prone to cracking in wet conditions, but not nearly as much as Brandywine. Originally from Ukraine; produces high yields even in cool conditions. Works well in unheated tunnels.

3080 **Mountain Princess** 68 days

HEIRLOOM • Determinate • 8-10 oz

Mountain sweet goodness; ideal for CSAs. Perfectly rounded fruits with crowd-pleasing mild sweet flavor. Very productive and early; great for short, cool seasons. A customer favorite for containers, six-pack sales and CSAs. Grown for generations in the Monongahela National Forest region of West Virginia.

3165 **Marmalade F1** 78 days

HYBRID • **HMOs EXCLUSIVE** • IR: **FW, VW** • Semi-determinate • 8-10 oz

Finally, an orange slicer as sweet as the reds. Formerly called Sunkist F1. Perfect unblemished fruits are slightly flattened with firm flesh. Works well in the greenhouse or field. Bred by Dr. Brent Loy of the University of New Hampshire. A portion of the sales of this variety is paid to the breeder.

MIDSIZE - 4-8 oz

2976 **Moskvich** 60 days

HEIRLOOM • Semi-determinate • Field or greenhouse • 4-6 oz

High-quality, early-season red heirloom that rivals hybrids. Fruits are round to slightly flattened with deep red color and luscious, rich flavor. Great eaten fresh or processed. Highly resistant to cracking, making it a great pick for the greenhouse. Like all Russian tomatoes, it can stand up to cool conditions.

3086 **Crimson Sprinter** 65 days

OP • Semi-determinate • Prolific • 5-7 oz

Brilliant, candy-apple red fruit and strong performance in cool conditions. Medium-sized mild fruits are early, abundant and ripen well on the vine. The earliest cultivar to carry the famous crimson gene for high lycopene. Holds well due to its thick skin. Developed by Professor T. Graham in Guelph, Ontario.

3064 **Indigo Apple** 70 days

OP • Indeterminate • 4-6 oz

Beautiful and early variety with fruits that turn shiny black in the sun. Rich in the powerful antioxidant anthocyanin, these large, stunning fruits offer mild, aromatic tomato flavor improved by full ripening from shiny black to matte purple. Resists cracking and sunscald with some resistance to late blight. Bred by Brad Gates using an original cross made by PKS Heirlooms in Copemish, MI.

3062 **Iron Lady F1** 75 days

HYBRID • HR: **EB, FW (1,2), LB, SLS, VW** • Determinate • 5 oz

Fight the blight with this disease-resistant red slicer. Impressive resistance to late blight, early blight, septoria and more. Fine-textured fruit is both dense and juicy with good tomato flavor. Must be planted away from other tomatoes to prevent early blight. From our collaboration with Cornell University and North Carolina State University. A portion of the sales of this variety is paid to the breeder.

3056 **Rose de Berne** 75 days

HEIRLOOM • Indeterminate • Resists cracking • 4-8 oz

Beautiful rose-pink Swiss heirloom with big flavor and crack resistance. A chart topper in our taste tests, the medium-sized fruits, with soft yet durable skin, have an even balance of acidity and sweetness that is perfect for a sandwich or in a quick tomato sauce. Earlier to ripen than other larger varieties and a consistent producer well into the season.

3105 **Rutgers** 75 days

OP • IR: **ASC, FW, LM, VW** • Indeterminate • Resists cracking • 6-8 oz

Developed for the canning industry; hearty tomato flavor and meaty texture. Bright red fruit with a small seed cavity and good color throughout, good for slicing or canning. Widely adapted and crack-resistant. Developed in 1934 by Rutgers University in cooperation with Campbell's Soup for the New Jersey canning industry.

3031 **Tasti-Lee F1** 75 days

HYBRID • HR: **FW (1-3), VW** • Determinate • Good leaf cover • Superior flavor • 6-9 oz

Impressive producers of brilliant red fruits with extended eating quality post-harvest. These determinate plants produce abundant crops of slightly flattened fruits that maintain excellent eating quality long after picking. Plants provide shade to ripening fruit, protecting developing tomatoes from sunscald. Highly resistant to both fusarium wilt and verticillium wilt, it is a standout performer in both the greenhouse and the field. The perfect balance of sweetness and acidity makes this tomato a favorite of those who love the classic red tomato. From our partners at Bejo Seeds.

3065 **Green Zebra** 75-80 days

OP • Indeterminate • Field or greenhouse • Resists cracking • 4-5 oz

Popular, succulent green fruits with sweet and zingy flavor. Medium-sized fruits start out pale green with dark green stripes that soften and turn yellow when ripe. Perfect exteriors; fruits hold up under adverse conditions and rarely crack. Grows well in the greenhouse, too.



Mountain Princess



Marmalade F1



Moskvich



Crimson Sprinter



Indigo Apple



Iron Lady F1



Rose de Berne



Rutgers



Tasti-Lee F1



Green Zebra

TOMATOES



Glacier



Red Racer F1



Mountain Magic F1



Jaune Flamme



Pink Boar



Matt's Wild



Valentine F1



Esterina F1



Jasper F1



Midnight Pear

SALADETTE - 2-4 oz

3140 **Glacier** 55 days

OP • Semi-determinate • Good container variety • Suitable for truss harvest • 2-3 oz
Our earliest variety with good tomato flavor, winning all early season taste tests.
 Produces high yields of medium-sized orange-red saladette tomatoes. Sets fruit at 24" tall and keeps producing all season long. Great for the small garden or containers. Potato-leaf foliage.

3009 **Red Racer F1** 57 days

HYBRID • HR: **FW, NEM, ToMV, VW** • Determinate • AAS Winner • 2-3 oz
Don't be fooled by these compact plants with cocktail-sized fruits – Red Racer F1 has been declared "small in size but big in taste." An All-America Selection (AAS) winner bred by the team that brought us the flavorful Damsel F1 beefsteak, Red Racer F1 is an excellent performer for the early season. With a good sweet/acid balance, fruits are uniform in size and mature as a cluster. Great for containers and small spaces. Developed by Dr. Jason Cavatorta of EarthWork Seeds.

3030 **Mountain Magic F1** 66 days

HYBRID • HR: **FW (3), LB, VW** / IR: **EB** • Indeterminate • 2 oz
Cocktail-sized fruit with the flavor you crave and the blight resistance you need.
 High yielding like the best hybrid varieties, Mountain Magic F1 has become a staple for tomato growers both in the field and in the greenhouse. Sweet, crack-resistant fruits are suitable for harvesting as full trusses. From our partners at Bejo Seeds.

2974 **Jaune Flamme** 75 days

HEIRLOOM • Indeterminate • Versatile • Prolific • 2-3 oz
Prolific French heirloom that will set your heart on fire with its sweet, fruity flavor.
 Like a grown-up Sungold with larger apricot-sized fruits that we loved in our trials. 1.5-2" fruits hang in neat clusters. A terrific salad tomato that is also great for sauces and for drying.

3059 **Pink Boar** 75 days

OP • Indeterminate • 2-4 oz
Gorgeous wine-colored fruits with metallic green striping on vigorous vines. Strong plants loaded with rich, sweet juicy fruits perfect for slicing as an hors d'oeuvre with basil and mozzarella. Deep pink skin is stunning with contrasting olive stripes and luscious deep red flesh. An irresistible treat for chefs and farmers markets. Offers great performance with excellent crack resistance. From the Wild Boar series; bred by Brad Gates.

CHERRY / GRAPE - .25-2 oz

2970 **Matt's Wild** 55 days

OP • Indeterminate • .25 oz
Copious quantities of small, deep red cherries with exceptional flavor. Matt's keeps producing prolifically when every other tomato in the field is down for the count with early blight. Pick frequently as skin is thin and cracks easily. Trellis or let sprawl and naturalize. Shows moderate field tolerance to late blight.

2993 **Valentine F1** 55 days

HYBRID • UP • IR: **EB** • Indeterminate • AAS Winner • Crack resistant • .7 oz
Heavy yields of early ripening grape tomatoes with brilliant red, meaty flesh.
 This highly productive grape tomato has outstanding flavor and was prolific in our field trials. Ripening at just 55 days, it is an early tomato that is dynamic in a small tomato mix and boasts a long shelf life post-harvest. Developed with Penn State's patented high-lycopene breeding lines, plants exhibit resistance to early blight and have good heat tolerance. An AAS winner for its unbeatable productivity, firm flesh, and delicious flavor.

2981 **Esterina F1** 60 days

HYBRID • HR: **VW** • Indeterminate • Resists cracking • Truss harvest • .5-1 oz
A star in our trials with addictive sweetness and good disease resistance.
 An excellent organic alternative to Sungold F1 with sweeter flavor, exceptional crack resistance and brighter yellow color. Vigorous growth that can withstand disease pressure makes this variety a versatile standout. From our partners at Genesis Seeds.

new 2983 **Jasper F1** 60 days

HYBRID • HR: **LB** / IR: **EB** • AAS Winner • Indeterminate • .4 oz fruit
Cheerful trusses of small, bright red cherry tomatoes with strong disease resistance. These beautiful, red fruits have the flavor of a full-sized red tomato packed into the single bite of a cherry. Fruit have an excellent texture, resisting cracking and rot when picked with calyx on. An AAS Winner; plants are highly prolific even in the field and stay healthy for a long harvest window. A popular variety among commercial producers. From our friends at Johnny's Selected Seeds.

3022 **Midnight Pear** 60 days

OP • **HMOs EXCLUSIVE** • Indeterminate • .25 oz
Dark purple, small pear fruits have wildly cosmic flavor. These little fruits may look like your average black pear, but their outstanding flavor profile clearly earns Midnight Pear a place among the stars. Irresistible to harvesters and market-goers alike. Part of High Mowing's exclusive Galaxy Suite tomato collection bred by Philip Griffiths of Cornell University. A portion of the sales of this variety is paid to the breeder.

3023 **Supernova** 63 days

OP • **HMOS EXCLUSIVE** • Indeterminate • .25-.5 oz

A marbled, mini-Roma shape with constellations of yellow stripes on a red flesh background. Truly the standout in our star-studded grape tomato collection, Supernova impresses with both aesthetics and flavor. Red flesh with yellow marbeling inside and out, and a unique mini-Roma shape. Fruit holds well through transport. Part of High Mowing's exclusive Galaxy Suite tomato collection bred by Philip Griffiths of Cornell University. A portion of the sales of this variety is paid to the breeder.

3004 **Black Cherry** 64 days

OP • Indeterminate • Prolific • 1-1.5 oz

Round, full-flavored cherry with distinctive purple-black color. One inch fruits with the juicy, meaty texture and sweet, rich flavor characteristic of all Russian black tomatoes. A striking addition to cherry tomato mixes. Very productive plants.

new 2982 **Cherry Bomb F1** 64 days

HYBRID • HR: **LB** • Prolific • Indeterminate • .7 oz fruit

Heavy yields of uniform, red fruits with high resistance to late blight. These large, lustrous cherry tomatoes are gorgeous and flavorful, perfect for quickly filling pints. Well-balanced and brightly flavored, the fruit is ideal for snacking or celebrating in a fresh summer salad. Fruit is firm and durable, withstanding the pressures of a busy harvest day without blemishes. Excellent resistance to late blight makes this an ideal candidate for the organic grower. From our friends at Johnny's Selected Seeds.

2972 **Bing** 65 days

OP • **BRED BY HIGH MOWING** • Indeterminate • Exceptional flavor • .5-1 oz

Exceptional flavor cherry with balanced acidity and bright, red clusters of 1" fruit. Great producer in hot, dry climates with some susceptibility to cracking in areas with abundant rainfall. Cracking prevented with frequent harvests. Superior sweetness to other cherries.

2975 **Sweetie** 65 days

OP • Indeterminate • Vigorous • .5-1 oz

Super sweet red cherry tomato with high sugar content for eating right off the vine. Masses of 1-1.5" round cherries in long clusters. Firm texture similar to grape tomatoes; ideal for eating fresh or canning. Impressive vigor and reliability, ripening first and perfectly during six weeks of rain and cold—an absolute standout.

3026 **Moonbeam** 68 days

OP • **HMOS EXCLUSIVE** • Indeterminate • .4 oz fruit

Glowing white, translucent grape tomato with oblong frame and delicious, fruity bite. This remarkable tomato has dramatic visual appeal, especially when added to a small tomato mix. Not only are these white grape tomatoes stunningly unique, they are packed with a tasty punch of unbeatable flavor. Ideal for the tomato grower seeking a fruit with both style and exceptional eating quality. Part of High Mowing's exclusive Galaxy Blend tomato collection bred by Philip Griffiths of Cornell University. A portion of the sales of this variety is paid to the breeder.

new 2984 **Chocolate Sprinkles F1** 70 days

HYBRID • HR: **FW, NEM, ToMV** • Indeterminate • Robust plants • 1 oz fruit

Bite-sized tomatoes with gorgeous, unique coloration and delightfully sweet flavor. Fruits are a deep red with brilliant green streaks. Trusses are thick and covered in crack-resistant fruit. Plants produce high yields over a long harvest window, perfect for home gardeners seeking an ever-bearing plant for continual harvest or greenhouse growers seeking to fully utilize vertical space. From our partners at Pan American Seed.

3024 **Starlight** 70 days

OP • **HMOS EXCLUSIVE** • Indeterminate • .25 oz

Slender yellow grape tomatoes simply glow in clamshell containers. Slightly later to mature than the rest of Galaxy Suite collection, but worth the wait for these special yellow morsels that will continue to ripen until frost and hold well through storage and transport. Plants are prolific and require diligent trellising. Exceptional flavor and a unique shape you won't find anywhere else, Starlight was the first Galaxy Suite tomato that won us over. Part of High Mowing's exclusive Galaxy Suite tomato collection bred by Philip Griffiths of Cornell University. A portion of the sales of this variety is paid to the breeder.



Supernova



Black Cherry



Cherry Bomb F1



Bing



Sweetie



Moonbeam



Chocolate Sprinkles F1



Starlight

TOMATOES

HOPE
IS A SEED

“ While I recognize that our current situation is serious, I also know that we have collectively survived much worse. I have hope that people can view what is happening now from a broad perspective. Being part Native American, I think back to the hardships previous generations have faced. Regardless of our own individual ancestry, we are all descendants of people who have made it through tough times. As others have done before, I believe that we will not only get through this together, but we may even be stronger for it in the end. ”
—Reiden of Little Sun Farm in Oregon



Sunrise Bumblebee



Peacevine



Roma VF



Granadero F1



Plum Perfect F1



Plum Regal F1



Amish Paste



San Marzano



Gilbertie



Toma Verde Tomatillo



Goldie Ground Cherry

2988 Sunrise Bumblebee 70 days

OP • PVP • Indeterminate • .7-1 oz

All the colors of the sunrise in a sweet and fruity tomato. Lovely gold fruit marbled with pink stripes on the inside and out. Resists cracking; well suited to field or greenhouse culture. An excellent Artisan™ variety.

2980 Peacevine 78 days

OP • Indeterminate • Resists cracking • .5-1 oz

Prolific red cherries with delicious flavor. A de-hybridized selection of Sweet 100 F1, known for its incredible flavor and resistance to cracking. Produces high yields of uniform bright crimson 1" tomatoes. Very high in Vitamin C and amino acids. Bred by Peace Seeds.

PASTE

3043 Roma VF 65 days

OP • HR: **FW, VW** / IR: **ASC** • Determinate • Vigorous • 4 oz

Productive plum tomato with great disease resistance. Vigorous and strong, producing heavy yields of picture-perfect, thick-walled fruits with deep red color and mild flavor. A good choice for a commercial variety as well as in the garden.

3172 Granadero F1 73 days

HYBRID • HR: **FW (0-1), PM, ToMV (0-2), VW** / IR: **NEM, TSWV** • Indeterminate • 4-5 oz

High-yielding and perfectly shaped plum tomato with a disease-resistant punch. Unblemished and uniform with lovely oval shape, smooth skin and bright red color. Best variety for heavy yields of uniform sauce tomatoes. Performs well in open field, unheated tunnel or heated greenhouse conditions.

3025 Plum Perfect F1 75 days

HYBRID • HR: **BS, FW, LB, TSWV, VW** / IR: **EB, NEM** • Determinate • 4 oz

Superior-flavored and textured, disease-resistant plum with good yields in both greenhouse and field conditions. Highly-productive plum variety with a long list of disease resistances performs well even when other tomato plants are succumbing to disease pressure. Excellent resistance to late blight. Later ripening for a late succession harvest. A portion of the sales of this variety is paid to the breeder.

new 2985 Plum Regal F1 75 days

HYBRID • HR: **FW(1-2), LB, TSWV, VW** / IR: **EB** • Determinate • 4 oz

Medium-sized, determinate plants produce high yields of blocky plum tomatoes. Plants are compact with good leaf coverage and a strong disease package. Fruit are deeply colored and flavored, excellent for sauces and canning. Fruit holds well on the plants for vine-ripe harvests and are highly resistant to late blight. From our partners at Bejo Seeds.

3020 Amish Paste 80 days

HEIRLOOM • Indeterminate • Few seeds • 8-12 oz

Bright red, heart-shaped fruits with meaty, juicy texture. The classic paste tomato—flavorful and juicy enough for slicing with great meatiness for cooking down. Very few seeds, which can make sauces and pastes bitter. Sweeter flavor than other paste tomatoes.

3047 San Marzano 80 days

OP • Indeterminate • Few seeds • 4 oz

Classic Italian favorite with high yields; excellent, richly flavored tomato for preserving. Prized for its firm pulp, low seed count and easily removed skin. Medium-sized fruits are slightly larger than Roma VF but smaller than Gilbertie and Amish Paste. Resists cracking and holds well both on the vine and in storage. Heavy yields.

3040 Gilbertie 85 days

HEIRLOOM • Indeterminate • 10-12 oz

Rich, meaty and delicious. Beloved variety our customers praise year after year. Long, slender shape with characteristically green shoulders and a slight crook in the neck. Narrow fruits average 7" long with very solid, richly flavored flesh that makes excellent sauces and soups. Very small seed cavity. Given to Tom Stearns by Mel Bristol of Sherman, CT; in our catalog since 1996. *Unavailable in 2021*

TOMATILLO / GROUND CHERRY

3180 Toma Verde Tomatillo 60 days

OP • Semi-determinate • Uniform fruit

Early variety with tart flavor when young, becoming sweeter as it ripens. Medium-to large-size fruits are ready to harvest when husks split and fruit color changes from a yellow green to medium green. Perfect for salsa verde or as a special addition to any Mexican dish. *Physalis philadelphica*

3181 Goldie Ground Cherry 75 days

OP • Florida weave or let sprawl • Bushy, spreading habit

Sweet, tropical-tasting gold berries wrapped in paper husks add magic to your garden. Bushy plants grow 2.5-3' tall. When ripe, the husk around the fruit becomes papery dry and the fruit falls off the plant to be picked up from the ground. Some people place a tarp underneath the plants to make harvesting easier, but either way the husks keep the fruit clean. *Physalis pruinosa*

ROOTSTOCK

2990 Estamino F1

HYBRID • HR: **FCR, FW (0-2), LM, ToMV, VW** / IR: **NEM, TSWV**

A generative rootstock that keeps plants producing through long, hot seasons. Strong, vigorous rootstock results in a well-balanced plant with good generative growth (encouraging steady production of flowers and fruit until the end of the season). Great for balancing excessive vegetative growth in favor of fruit production. Compares well to popular rootstock standards, offering good yields and excellent disease resistance.

2991 Fortamino F1

HYBRID • HR: **FCR, FW (0-2), LM, ToMV, VW** / IR: **CR, NEM, TSWV**

A vegetative rootstock developed to boost plant growth in short, cool seasons. The ultimate stress-buster. Created for transplanting into stressful conditions, such as the field or unheated hoopouses. A strong root system gives plants a boost in early growth stages, later providing excellent leaf cover and reducing transplant shock. Scions grafted onto Fortamino F1 also have increased yields with more flowers per truss and a higher average fruit weight.

GREENHOUSE SUPPLIES

94938 Side Grafting Clips

Spring-loaded side grafting clips.

94928/94929 Top Grafting Clips

Silicon top grafting clips available in two sizes, 1.5mm and 2.0mm. *Limited availability*

94925 Trellis Clips

The industry standard for trellising greenhouse tomatoes. Simply attach tomato twine to greenhouse frame, clamp twine between clip hinges, then close the clip around tomato plant leaders for sturdy support. Accommodates stem diameters up to 3/4"; also suitable for cucumbers and other vining crops. Releases easily to adjust or reuse over multiple seasons. Color may vary.



Side Grafting Clips



Top Grafting Clips



Trellis Clips

GRAFTING CLIPS - SOLD BY COUNT

	10	25	100
94938 Side Grafting Clips	\$2.50	\$5.00	\$15.00
94928 Top Grafting Clips - 1.5mm - <i>Limited availability</i>	\$2.00	\$3.50	\$8.00
94929 Top Grafting Clips - 2mm	\$2.25	\$4.00	\$9.00

TRELLIS CLIPS - SOLD BY COUNT

	100	500	1 M	5 M
94925 Trellis Clips	\$9.25	\$25.50	\$40.00	\$130.00

— Stories of RESILIENCE —



Kofi Thomas is the head grower at the Goodlife Garden in Brooklyn, NYC. At the garden, bountiful harvests of fresh produce, flowers and herbs make their way to seniors, high risk communities and others in need, free of cost. Just three years ago, the garden was a dumping ground for a demolition company, a place that not many would find potential. Through Kofi's drive and expertise, the garden is now an abundant display of resilience, right in the heart of Brooklyn.

As we all flipped our calendars over to 2020, we couldn't have imagined how our lives would change. Kofi faced these challenges head on, while appreciating how these new challenges gave us some much-needed clarity about our troubled food system.

“There has been an exponential increase in the conversation about food, the harmful nature of the food system and the inequalities it preserves.”

“There is a history of squashing small farmers and grassroots movements. It shed more light on a malicious denial of access to healthy food options to black and brown communities. The pre-existing conditions such as obesity and diabetes that make us more vulnerable to Covid-19 are a result of generations of slow poisoning. There is a fast food store on most corners in my neighborhood but only one farmers market, one day of the week.”

The pandemic may have given individuals a deeper view into the systemic issues faced by BIPOC growers, but these realities are historic and far reaching. The purpose of Kofi's work in the city hasn't changed, it has only become more essential as a result of Covid-19.

“My work is connecting and empowering people, reminding communities of who they are and what they can do as a collective. The pandemic made the work more important than ever. We need each other if we are going to survive and come out of this stronger. Covid-19 exposed many of our weaknesses as a neighborhood and we have scrambled valiantly to build networks to take care of each other as a response. A lot of people that need our garden the most are high risk and could not participate as they have in the past. Staying connected with them has been one of my biggest and saddest challenges. Checking in on elders is an honor but can also weigh heavy on the spirit when it is bad news.”

TOMATO SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT		1/10 gram	1/2 gram	2 grams	8 grams	1 oz	1/4 lb
BEEFSTEAK	3050 Brandywine	\$ 2.95	\$ 4.00	\$ 8.00	\$ 20.00	\$ 50.00	\$ 175.00
	3052 Cherokee Purple	\$ 2.95	\$ 4.50	\$ 8.00	\$ 19.04	\$ 60.50	\$ 200.00
	3053 Copia	\$ 2.95	\$ 6.85	\$ 15.60	\$ 41.12	\$ 68.55	\$ 172.00
	3063 German Johnson - <i>Unavailable in 2021</i>	\$ 2.95	\$ 4.10	\$ 7.00	\$ 15.04	\$ 48.00	\$ 168.00
	3090 Pruden's Purple	\$ 2.95	\$ 4.50	\$ 8.00	\$ 18.00	\$ 52.00	\$ 170.00
MIDSIZE	3060 Cosmonaut Volkov	\$ 2.95	\$ 6.50	\$ 13.00	\$ 22.00	\$ 60.00	\$ 195.00
	3086 Crimson Sprinter	\$ 2.95	\$ 6.00	\$ 13.66	\$ 36.00	\$ 60.00	\$ 172.00
	3065 Green Zebra	\$ 2.95	\$ 4.50	\$ 9.76	\$ 25.52	\$ 60.00	\$ 165.00
	2976 Moskvich	\$ 2.95	\$ 6.65	\$ 11.76	\$ 21.60	\$ 57.60	\$ 170.00
	3080 Mountain Princess	\$ 2.95	\$ 6.00	\$ 11.26	\$ 19.04	\$ 52.00	\$ 170.00
	3056 Rose de Berne	\$ 2.95	\$ 6.00	\$ 13.66	\$ 36.00	\$ 75.00	\$ 255.00
SD	3105 Rutgers	\$ 2.95	\$ 5.30	\$ 8.80	\$ 20.48	\$ 61.40	\$ 181.00
	3140 Glacier	\$ 2.95	\$ 7.75	\$ 17.00	\$ 45.04	\$ 80.00	
CHERRY	2974 Jaune Flamme	\$ 2.95	\$ 7.00	\$ 15.96	\$ 42.00	\$ 70.00	\$ 200.65
	2972 Bing	\$ 2.95	\$ 6.75	\$ 15.50	\$ 40.48	\$ 68.00	\$ 195.00
	3004 Black Cherry	\$ 2.95	\$ 4.45	\$ 7.36	\$ 17.20	\$ 51.60	\$ 152.40
	2970 Matt's Wild	\$ 2.95	\$ 6.85	\$ 15.76	\$ 40.48	\$ 68.00	\$ 195.00
	3022 Midnight Pear	\$ 2.95	\$ 7.25	\$ 15.00	\$ 32.00	\$ 75.00	\$ 250.00
	3026 Moonbeam	\$ 2.95	\$ 6.95	\$ 13.20	\$ 22.48	\$ 60.50	\$ 200.00
	2980 Peacevine	\$ 2.95	\$ 6.85	\$ 15.56	\$ 40.96	\$ 68.25	\$ 195.65
	3023 Supernova	\$ 2.95	\$ 7.25	\$ 15.00	\$ 32.00	\$ 75.00	\$ 250.00
	3024 Starlight	\$ 2.95	\$ 7.25	\$ 15.00	\$ 32.00	\$ 75.00	\$ 250.00
	2975 Sweetie	\$ 2.95	\$ 4.90	\$ 8.10	\$ 18.88	\$ 56.50	\$ 167.00
PASTE	3020 Amish Paste	\$ 2.95	\$ 7.50	\$ 14.30	\$ 24.48	\$ 65.50	\$ 218.00
	3040 Gilbertie - <i>Unavailable in 2021</i>	\$ 2.95	\$ 7.75	\$ 17.00	\$ 45.04	\$ 80.00	\$ 220.00
	3043 Roma VF	\$ 2.95	\$ 5.30	\$ 8.80	\$ 20.48	\$ 61.00	\$ 180.00
	3047 San Marzano	\$ 2.95	\$ 6.95	\$ 13.20	\$ 22.48	\$ 60.50	\$ 200.00
TOMA	3181 Goldie Ground	\$ 2.95	\$ 7.00	\$ 13.76	\$ 34.00	\$ 89.00	\$ 260.00
	3180 Toma Verde Tomatillo	\$ 2.95	\$ 3.50	\$ 4.86	\$ 13.04	\$ 38.00	\$ 105.00
TOMATO SEED - OPEN-POLLINATED - SOLD BY SEED COUNT		10	25	100	500	1 M	5 M
CHSD MS	3064 Indigo Apple	\$ 2.95	\$ 4.00	\$ 9.00	\$ 28.00	\$ 50.00	\$ 41.00/M
	3059 Pink Boar	\$ 2.95	\$ 3.50	\$ 5.00	\$ 13.50	\$ 19.00	\$ 18.40/M
CHSD MS	2988 Sunrise Bumblebee	\$ 2.95	\$ 3.60	\$ 8.00	\$ 26.00	\$ 41.00	\$ 30.00/M
TOMATO SEED - HYBRID - SOLD BY SEED COUNT		10	25	100	500	1 M	5 M
BS	3171 Caiman FI	\$ 8.70	\$ 17.00	\$ 47.00	\$ 165.00	\$ 264.00	\$ 240.00/M
	2994 Cherokee Carbon FI	\$ 4.20	\$ 6.45	\$ 19.00	\$ 68.00	\$ 130.00	\$ 103.00/M
	3008 Damsel FI	\$ 7.00	\$ 12.00	\$ 25.00	\$ 115.00	\$ 175.00	\$ 168.00/M
	2995 Galahad FI	\$ 7.00	\$ 11.65	\$ 24.50	\$ 100.00	\$ 185.00	\$ 177.00/M
	3102 Arbason FI	\$ 6.00	\$ 9.20	\$ 27.00	\$ 98.00	\$ 178.00	\$ 170.00/M
MIDSIZE	new 2987 CubaLibre FI	\$ 15.00	\$ 30.00	\$ 75.00	\$ 310.00	\$ 525.00	\$ 430.00/M
	2992 Frederik FI	\$ 17.00	\$ 35.00	\$ 75.00	\$ 340.00	\$ 658.00	\$ 590.00/M
	3062 Iron Lady FI	\$ 5.65	\$ 8.50	\$ 25.00	\$ 85.00	\$ 145.00	\$ 110.00/M
	3165 Marmalade FI	\$ 4.60	\$ 7.20	\$ 21.00	\$ 73.50	\$ 120.00	\$ 97.80/M
	3031 Tasti Lee FI	\$ 6.20	\$ 9.50	\$ 28.40	\$ 105.00	\$ 198.00	\$ 188.00/M
	3030 Mountain Magic FI	\$ 9.75	\$ 11.50	\$ 33.00	\$ 120.00	\$ 222.00	\$ 208.80/M
SD	3009 Red Racer FI	\$ 6.00	\$ 9.00	\$ 28.00	\$ 100.00	\$ 185.00	\$ 176.40/M
	3006 Bartelly FI	\$ 8.00	\$ 16.00	\$ 54.00	\$ 225.00	\$ 415.00	\$ 390.00/M
CHERRY	new 2982 Cherry Bomb FI	\$ 6.00	\$ 12.00	\$ 32.00	\$ 125.00	\$ 225.00	\$ 195.00/M
	new 2984 Chocolate Sprinkles FI	\$ 7.00	\$ 11.65	\$ 24.50	\$ 100.00	\$ 185.00	\$ 177.00/M
	2981 Esterina FI	\$ 4.20	\$ 6.50	\$ 16.00	\$ 52.00	\$ 96.00	\$ 89.00/M
	new 2983 Jasper FI	\$ 5.85	\$ 13.00	\$ 34.00	\$ 145.00	\$ 260.00	\$ 230.00/M
	2978 Sakura FI	\$ 5.50	\$ 8.25	\$ 26.00	\$ 93.00	\$ 175.00	\$ 160.00/M
	2971 Toronjina FI	\$ 7.50	\$ 13.00	\$ 40.00	\$ 150.00	\$ 250.00	\$ 220.00/M
	2993 Valentine FI	\$ 6.50	\$ 10.00	\$ 32.00	\$ 110.00	\$ 200.00	\$ 165.00/M
	3172 Granadero FI	\$ 8.00	\$ 13.35	\$ 22.50	\$ 89.00	\$ 165.00	\$ 156.00/M
PASTE	3025 Plum Perfect FI	\$ 5.40	\$ 8.25	\$ 21.25	\$ 75.00	\$ 135.00	\$ 105.00/M
	new 2985 Plum Regal FI	\$ 8.00	\$ 13.35	\$ 22.50	\$ 89.00	\$ 165.00	\$ 156.00/M
	2991 Fortamino FI	\$ 9.75	\$ 12.75	\$ 36.00	\$ 154.00	\$ 290.00	\$ 240.00/M
RS	2990 Estamino FI	\$ 9.75	\$ 12.75	\$ 36.00	\$ 154.00	\$ 290.00	\$ 240.00/M

Larger volumes available; please call for pricing.

Turnips & other roots



Taylor harvesting Purple Top White Globe Turnips in the trials field.



CULTURAL INFO: Days to maturity are from direct seeding. Turnips are a cold-hardy biennial, grown as an annual crop. Some varieties can be grown in the spring while others prefer the late summer and fall. Turnips are commonly grown for their roots but some are also grown for their leafy greens. Turnips prefer loose soils high in organic matter. Because they grow quickly, available water and nutrients are essential for healthy development. Make sure plants are well weeded and thinned, especially in early stages of growth. Plant spring varieties as soon as soil can be worked and fall varieties mid-summer. Optimal soil temperature for germination is 80°F. Side dress with rock phosphate when roots begin to swell to promote root development. Flavor is sweetest when harvested after a few light frosts and root size averages 3-4" wide. For quality storage, harvest before hard frost. Remove tops and store unwashed at 32°F with a relative humidity close to 95%. With good air circulation, roots can be stored four to five months.

DISEASE & PESTS: Black Rot is one of the most destructive diseases of all crucifer crops. Symptoms first appear as V-shaped yellow lesions at the leaf margin, after which the veins of infected leaves, stems, and roots turn black. Infected plants should be pulled up immediately, and plantings should never be worked during wet conditions. Insect pests, including cabbage looper, imported cabbage worm and diamondback moth are largely of the Lepidoptera order and can be controlled by *Bacillus thuringiensis* (Dipel) and/or spinosad, preferably in rotation with one another to prevent selection of resistant individuals. Floating row cover may be used to ward off insects.

SEED SPECS: 10-15M (12.5M avg) seeds/oz, 160-240M (200M avg) seeds/lb. M=1,000. 1/32 oz approx. 350 seeds. Direct seeding rate: 30 seeds/foot in 2" band in rows 4-12" apart. For larger roots, cut seeding rate in half.

Please see **Planting Chart** on page III or go to highmowingseeds.com for more info.

TURNIPS - *Brassica rapa*

3191 Tokyo Market 35 days

OP • Fresh eating • 1.5-2" round

Sweet, petite, juicy, smooth-skinned and delicious raw. Practically bite-size, and you may want to eat them whole. Tender and mildly flavored. Roots are round—radish-like in shape and size—and pearly white in color. Excellent sliced raw in salads, chopped and tossed with vinaigrette or glazed with soy sauce. *Unavailable in 2021*

3184 Scarlet Ohno Revival 50 days

OP • OSS1 • Salad or storage • 2" round

Hot pink, rounded roots with pink-streaked white interiors and mild, crunchy taste great for pickling. This specialty radish is especially cherished by chefs for their contrasting colors and unique aesthetic. Greens have long, strap-shaped leaves and are smooth with magenta midribs. Improved variety from Frank Morton of Wild Garden Seed in Oregon.

3185 Purple Top White Globe 55 days

HEIRLOOM • Mild • Storage • 3-6" roots

Smooth white globes are magenta above ground and white below. This popular turnip variety dates back to 1880 and is still widely planted today. Best harvested at 3-4" but retains good quality until quite large. Purple Top has a mild, fine-grained white flesh.



Tokyo Market



Scarlet Ohno Revival



Helenor Rutabaga



Purple Top White Globe



Joan Rutabaga

RUTABAGA - *Brassica napus*

new 3192 Helenor Rutabaga 90 days

OP • Stores well • Great uniformity • 4-6" roots

Round, highly uniform bulbs with light orange flesh and a delicately sweet flavor. Roots have beautiful, purple shoulders and an appealing rounded form. Coloration occurs early in root development. Maintains quality in storage, keeping good texture and flavor for winter sales. From our partners at Bejo Seeds.

3187 Joan Rutabaga 90-100 days

OP • Stores well • Uniform • 4-6" roots

Refined rutabaga with smooth, round, uniform roots. The dense cream-colored flesh is rather hard and crispy with a sweet, mild flavor that improves after frost. Perfect for a roasted root medley and other hearty winter dishes. Stores well into winter months. Highly uniform with good field resistance to clubroot. *Unavailable in 2021*

**HOPE
IS A SEED**

“ If you're getting into gardening for the first time this year, don't put pressure on yourself for things to be perfect. Gardening is an experiment and an adventure. —**Jocelyn of Seven Acres Farm & Ferments in Nova Scotia, Canada** ”



Halblange Parsnip



Lancer Parsnip

PARSNIP - *Pastinaca sativa*3188 **Halblange Parsnip** 120 days

OP • High yielding • Very uniform • Stores well • 10" long roots

Bright white, highly uniform roots with strong yield potential. A standout in our trials for the striking white of the roots and the high degree of uniformity. More wedge-shaped with a very consistent length. From our collaborators at Bingenheimer Saatgut, a biodynamic seed production company in Germany. 6.5M seeds/oz.

3189 **Lancer Parsnip** 120 days

OP • Stores up to 5 months • 10-12" long roots

Uniform, long-season root with creamy white flesh and sweet, nutty flavor for roasting, sautés and mashing. Gets sweeter when exposed to cold temperatures. Shows resistance to canker, a fungal pathogen which causes black lesions on the root. 6.5 seeds/oz.

HOPE IS A SEED

“Although this season is full of uncertainty for our one year old farm, we are so grateful to have work right now in something absolutely essential: growing nutritious food. The sun still shines, our field irrigation water is still coming, and we have the time and health to do our work. We are staying home, and doing our very best to not only grow immune-boosting food, but also develop new ways to get it to people safely. Small, diverse farms are great at this and it gives us hope to watch farms across the nation shift and flip their production to accommodate the community's needs. We are some of the essential growers, delivery workers, and grocers during this time.”

—Ashley and Caleb of Sungrounded Farm in Oregon

TURNIPS & ROOT SEED - OPEN POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	2 oz	1 lb	5 lb	20 lb*
3188 Halblange Parsnip	\$ 2.95	\$ 5.10	\$ 35.00	\$ 143.00	\$ 112.00/lb	\$ 104.00/lb
3187 Joan Rutabaga - Unavailable in 2021	\$ 2.95	\$ 4.00	\$ 25.00	\$ 135.00	\$ 110.00/lb	\$ 98.40/lb
3189 Lancer Parsnip	\$ 2.95	\$ 5.10	\$ 35.00	\$ 143.00	\$ 112.00/lb	\$ 104.00/lb
3185 Purple Top White Turnip	\$ 2.95	\$ 3.85	\$ 4.60	\$ 13.50	\$ 9.80/lb	\$ 9.60/lb
3184 Scarlet Ohno Revival Turnip	\$ 2.95	\$ 7.20	\$ 37.00	\$ 171.00	\$ 146.40/lb	\$ 127.00/lb
3191 Tokyo Market Turnip - Unavailable in 2021	\$ 2.95	\$ 5.35	\$ 28.75	\$ 116.25	\$ 97.00/lb	\$ 71.40/lb
TURNIPS & ROOT SEED - OPEN POLLINATED - SOLD BY SEED WEIGHT	25	500	1 M	5 M	25 M	100 M
new 3192 Helenor Rutabaga	\$ 2.95	\$ 8.00	\$ 10.25	\$ 8.00/M	\$ 7.00/M	\$ 6.75/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Stories of RESILIENCE



Wendy Palthey, along with her husband Jean, own and operate Tunbridge Hill Farm in Tunbridge, Vermont. Growing produce on 5+ acres since 1991, the farm has evolved over the last 29 years, providing beautiful vegetables to the local communities of Tunbridge, South Royalton and Waitsfield. As seasoned farmers, Wendy and Jean are considered Vermont staples; their gorgeous displays of produce are a testament to their dedication to staying in one place and crafting a living through the diligent care of their land and soil.

The challenges of 2020 led to one of the farm's toughest seasons yet. It was one of those seasons where if asked, Wendy might tell a young person interested in farming to run the other way. "Some days I literally think, 'would I say don't do it?' Some days I think, 'what else is there to do?'"

Like all growers, the hardships faced in farming are never enough to sway her passion. She finds herself starting seeds, season after season, in hopes that her life's work will contribute to slow, steady change.

“Sometimes necessary change is not recognized in one lifetime.”

“Later, hopefully people look at their local farmers as keepers of knowledge. We learned to farm from one of the first produce folks in Vermont growing organically. If his generation of growers didn't break the ground and start, there might have been so much more knowledge lost.”

Watermelon

Citrullus lanatus

Kristoffer and Max display a beautiful crop of home-grown Sugar Baby watermelon from their garden in Redding, CT.

CULTURAL INFO: Days to maturity are from transplanting, add 10-14 days if direct seeding. Melons are warm-season, tender annuals that require fertile soils with lots of organic matter, moisture and full sun. Harden off by reducing temperature and water. Plant outdoors when all danger of frost has passed. Plastic mulch and floating row cover are useful in cool climates. Harvest when tendril by fruit dies back, ground spot turns yellow and blossom end softens slightly

DISEASE & PESTS: Bacterial Fruit Blotch (BFB) *Acidovorax avenae* subsp. *citrulli*, can be spread by seed and by infected transplants, as well as by plant residues and/or alternative hosts. Symptoms are oily dark lesions that typically parallel the veins. Some seedlings may die rapidly, while others persist into maturity. Fruit symptoms are characterized by a dark green stain on the upper side of the fruit. Infection does not

penetrate the rind, but eventually causes it to crack and often emits a white foam, caused by gases formed by invading pathogens. Other infected crops can serve as a source of inoculum. Due to the prevalence and severity of BFB, customers wishing to purchase over ¼ ounce of watermelon seed must go to highmowingseeds.com/pdfs/watermelon_waiver.pdf to print, sign and submit the Watermelon Waiver. We cannot ship any amount of watermelon seed to South Carolina.

SEED SPECS: 500-750 (625 avg) seeds/oz, 8-12M (10M avg) seeds/lb. M=1,000. 1/16 oz approx. 40 seeds. Direct seeding rate: Sow 2 seeds every 18-24", thin to 1 plant in rows 5-6' apart. Transplants: 18-24" apart in rows 5-6' apart.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.

3199 Baby Doll F1 75 days

HYBRID • Ships well • Uniform • 10-15 lbs

Productive, early icebox melon with dark green stripes and crisp, bright yellow flesh. Uniform fruits with sweet flavor topped our yellow melon taste tests. Harvest promptly, as fruit has a tendency to split when ripe in the field. Excellent for direct markets or shipping.

3200 Sugar Baby 75 days

OP • Drought tolerant • 6-12 lbs

Excellent short season variety with reliable yields of sweet, juicy melons. The standard for small watermelons. Perfectly rounded fruits range from 7-8.5" in diameter with a solid green rind and deep red flesh. Our strain has been selected for cool growing conditions and high yields.

3196 Blacktail Mountain 76 days

OP • OSSI • Stores up to 2 months • 6-10 lbs

Our best melon for short, cool seasons with crisp, sweet flesh that rivals hybrids. These solid, dark green fruits boast a vibrant crimson flesh. Plants have proven to be especially prolific producers in our trials fields. Fruits average 8" across. Vines grow as long as 10'. Excellent keeping quality and yields. Harvest just before ripe and melons will finish off in storage. Developed by Glenn Drowns of Sand Hill Preservation Center in Calamus, Iowa.

3235 Tom F1 80 days

HYBRID • High Yielding • 5-10 lbs

Smaller, early melon with dense, flavorful flesh and long shelf life; perfect for taking to market. Beautiful light green fruits with tiger-striped rinds and slightly oblong shape. Flesh is deep pink with excellent, sweet flavor and dense, fine-grained texture. Long shelf life and highest yields of any hybrid melons in our trials with good hollow heart resistance. From our friends at Genesis Seeds.

3205 Crimson Sweet 85 days

OP • Classic sweet flavor • 15-25 lbs

Quality and reliability in a classic oblong melon with juicy sweet flesh. An excellent variety for gardeners and growers alike, with vibrant red, firm, fine-textured flesh and silver and dark green striping.

3197 Klondike Blue 85 days

HEIRLOOM • Resists sunburn and disease • 10-25 lbs

The perfect picnic melon, with exceptional sweet flavor that topped our taste tests. Vigorous, high performance 1900s heirloom with green striped rind and bright red flesh. The highest Brix (sugar) reading of any variety in our trials, with fruits averaging 10-16" long.

3195 Moon and Stars 95-100 days

HEIRLOOM • 10-15 lbs

Extremely popular heirloom with sweet flavor and attractive yellow spots. Dark green rind and foliage are decorated with large yellow spots (moons) and smaller ones (stars). Flesh is dark red with excellent flavor and a thick protective rind. Large, oblong fruits can grow to enormous sizes, up to 40 lbs. Requires warm temperatures to set fruit. Introduced in 1926 by Henderson Seed Company.



Baby Doll F1



Sugar Baby



Blacktail Mountain



Tom F1



Crimson Sweet



Moon and Stars



Klondike Blue

WATERMELON SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb
3196 Blacktail Mountain	\$ 2.95	\$ 8.50	\$ 17.00	\$ 50.00	\$ 150.00	\$ 115.00/lb
3205 Crimson Sweet	\$ 2.95	\$ 5.80	\$ 8.00	\$ 19.50	\$ 62.00	\$ 55.00/lb
3197 Klondike Blue	\$ 2.95	\$ 9.00	\$ 20.00	\$ 62.00	\$ 175.00	\$ 129.00/lb
3195 Moon and Stars	\$ 2.95	\$ 6.30	\$ 16.30	\$ 50.40	\$ 120.80	\$ 100.00/lb
3200 Sugar Baby	\$ 2.95	\$ 4.85	\$ 6.50	\$ 13.50	\$ 35.00	\$ 31.00/lb

WATERMELON SEED - HYBRID - SOLD BY SEED COUNT

	10	50	100	500	1 M	5 M	25 M
3199 Baby Doll F1	\$ 2.95	\$ 7.90	\$ 11.20	\$ 36.00	\$ 50.50	\$ 42.40/M	\$ 36.20/M
3235 Tom F1	\$ 5.35	\$ 13.50	\$ 23.00	\$ 98.00	\$ 174.00	\$ 153.00/M	\$ 140.00/M

Larger volumes available; please call for pricing.

Herbs



Lizbeth harvesting a beautiful basil crop inside a caterpillar tunnel at Echo Creek Farm in Salem, NY.

The herbs we offer in this section were chosen for their exceptional aroma, flavor, disease resistance and appeal. We offer tried-and-true standards, such as Genovese basil and Italian Flat Leaf parsley, alongside more modern varieties that have impressed us in our trials, like Aroma 2 F1 basil, resistant to Fusarium wilt and slow to bolt, and Rutgers Devotion and Obsession basil with downy mildew resistance. Most herbs are compact plants and easy to grow, making them suitable for containers,

greenhouses and small garden spaces. Each type of herb is unique in its growing needs. Please find specific planting and cultural information in the accompanying sub-group information box or in the individual variety descriptions.

Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



Deep Purple



Greek



Lemon



Sweet Thai

BASIL - *Ocimum* spp.

CULTURAL INFO: Days to maturity are from direct seeding. Tender annual prefers warm weather and rich soil. Popular culinary herb, cut flower and medicinal to calm the stomach. Very sensitive to cold; use row cover to extend the season. Pinch buds to encourage branching and leaf production. Store unwashed at room temperature to avoid browning. Flowers attract bees. M=1,000.

RESISTANCE KEY: HR-High Resistance, IR-Intermediate Resistance, **DM-Downy Mildew**, **FW-Fusarium Wilt**

new 5011 **Deep Purple** 50 days

OP • IR: **FW** • Low rate of green off types

Uniform stand of vibrant purple leaves with specialty appeal and sweet, basil flavor. The dark purple leaves are situated evenly in an upright growth habit, making for easy harvest. Plants are pleasantly uniform and very rarely throw green off types. Suited for baby leaf production, for containers and potted culture and for greenhouse and open field, commercial production. From our partners at Genesis Seeds. 20M seeds/oz. *O. basilicum*

5007 **Greek** 55 days

OP • Uniform compact habit • Container variety

Early and adorable topiary-like plants with dark green miniature leaves. The cutest, most uniformly rounded habit of any mini basil in our trials. Small, sweet leaves excellent for garnishes and salad dressings. Ideal for containers, transplant sales and a popular wedding table-topper. Our replacement for Fino Verde. 20M seeds/oz. *O. basilicum*

5010 **Lemon** 60 days

OP • Specialty variety • Nice bouquet flower

Narrow-leaf basil from Southeast Asia with delightfully strong aroma and lemony flavor. Delicious with fish and in salad dressings. Flowering stalks in bouquets lend a wonderful lemony fragrance. A smaller-leaf variety, reaching 15" tall. 15M seeds/oz. *O. basilicum*

5031 **Sweet Thai** 63 days

OP • Compact habit • Edible and ornamental

Exotic clove-licorice flavor perfect in Thai cuisine. Lovely potted herb, edible bedding plant and cut flower for floral arrangements. Gorgeous narrow green leaves with vivid dark purple stems and blossoms; adored by bees. Leaves are 2" long and plants reach 12-18" tall. 28M seeds/oz. *O. basilicum*

5037 **Rosie** 65 days

OP • Compact, upright habit • Edible and ornamental

Intense dark purple-red color with mild and aromatic basil flavor—a favorite in our trials. An improved strain of Rubin with very uniform germination and stand, no green off-types and stronger, more upright stems. Tall lavender flower spikes are lovely in bouquets and should be pinched for better leaf production. 20M seeds/oz. *O. basilicum*



Rosie



Genovese

5000 **Genovese** 68 days

OP • Excellent for processing • Field or containers

Basil lovers unanimously recommend Genovese as the best variety for pesto. Plants are strong producers of dark green, glossy leaves with a characteristic spoon shape, exceptionally tender texture and distinctive, sweet flavor excellent in sauces and cooking. 10-12" plants. 18M seeds/oz. *O. basilicum*



Prospera F1



Aroma 2 F1

5006 **Prospera F1** 68-80 days

HYBRID • UP • IR: **DM, FW** • Classic Genovese-type • Bred for downy mildew resistance
Beautifully long, glossy leaves with excellent flavor and improved downy mildew resistance. This sweet and aromatic Genovese-type basil is the newest release from Genesis Seeds. With excellent resistance to downy mildew and fusarium wilt, this lovely basil keeps in the field and is suitable for greenhouse, field, and container production. *O. basilicum*

5036 **Aroma 2 F1** 70 days

HYBRID • HR: **FW** • Holds well in field/storage • Resists bolting

The standard for commercial growers with thick, dark green leaves. An improved Genovese-type with 3" leaves and strong fusarium wilt resistance. For field or greenhouse. Plants are 20-24" tall. Superior characteristics to Aroma 1. 18.5M seeds/oz. *O. basilicum*

5009 **Rutgers Devotion DMR** 70-80 days

OP • UP • HR: **DM, FW** • Slow to bolt • Extremely uniform

An aromatic and sweet Genovese-type basil with excellent downy mildew resistance. This improved basil is another great achievement from the efforts of Rutgers University and VDF Specialty Seeds. Uniform, flat-to cup-shaped leaves are tender, flavorful and productive throughout the growing season. These aromatic leaves attract shoppers at the farmers market and are the ideal basil type for making pesto. A solution for growers experiencing losses associated with downy mildew. 19.9M seeds/oz. *O. basilicum*



Rutgers Devotion DMR



Rutgers Obsession DMR

5008 **Rutgers Obsession DMR** 70-80 days

OP • UP • HR: **DM, FW** • Slow to bolt • Extremely uniform

Very attractive, compact plants with strong downy mildew resistance. This line of downy mildew resistant basil has been trialed against market standards across the country and has come up aces every time. In our own field trials in northern Vermont, Obsession also impressed us with high marks for plant vigor and bolt tolerance. Plants have a high leaf-to-stem ratio and average 26" in height. Suitable for field or potted plant production. We are excited to offer Obsession as organic seed thanks to our partnership with the team at VDF Specialty Seeds. 19.9M seeds/oz. *O. basilicum*

new 5005 **Nufar** 77 days

OP • IR: **FW** • Improved Italian Large Leaf

Aromatic Italian large leaf basil with sweetly scented and flavored leaves growing up to 4" in length. Plants are robust and visually appealing with good uniformity and growth habit. The large, highly scented leaves have a depth of flavor perfect for making pesto and cooking. Plants are deep green and have good resistance to fusarium wilt. Ideal for the home gardener as a single, highly productive plant or for the commercial producer looking to fill bags and/or bunches quickly. From our partners at Genesis Seeds. 20M seeds/oz. *O. basilicum*



Prospera F1

Rutgers Obsession DMR

Rutgers Devotion DMR

6130 **Sacred** 75 days

OP • Potent medicinal • Tea plant • Attracts pollinators

Musky, fragrant flowers and foliage excellent for tea and medicinal purposes. Also known as Holy basil or Tulsi, our strain comes from Frank Morton of Wild Garden Seed and is a temperate basil that is well adapted to North America. Many medicinal properties including adaptogenic, expectorant and anti-inflammatory qualities; also an immune stimulant. 40M seeds/oz. *O. africanum*



Nufar

CATNIP - *Nepeta cataria*

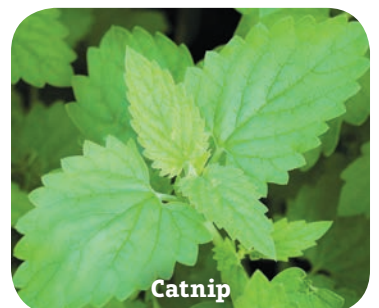
6010 **Catnip** 80 days

OP • Medicinal and ornamental • Tea plant • Perennial

Beloved by cats but also an ornamental and medicinal with relaxing properties. Dry leaves for a year-round cat treat, leaving flowers as an offering for the bees. Scarify seeds to aid germination. Seeds can be direct sown as soon as soil can be worked. Transplants can be started 8-10 weeks before setting out. 46M seeds/oz.



Sacred



Catnip

**HOPE
IS A SEED**

“When I go outside and put my fingers in the dirt and feel the sunshine on my face, I feel hope.”
-Sandi of Footnote Farm in North Carolina



Chamomile



Chives



Garlic Chives



Santo



Greensleeves



Bouquet



Caribe



Leisure



Lemon Balm

CHAMOMILE - *Matricaria recutita*

new 6021 Chamomile 75 days

OP • Annual • Prolific blossoms • Tea plant

Excellent dried tea herb with prolific displays of tiny, aromatic flowers. Self-seeding annual herb with sweet-scented, daisy-like flowers harvested and dried for herbal teas. Seeds are very small and should be sprinkled on top of soil medium and roughed in without burying them too deeply for best germination. 300M seeds/oz.

CHIVES - *Allium* spp.

5040 Chives 90 days

OP • Excellent for processing • Hardy in Zones 3-8

Medium-to full-size leaves excellent as a garnish. Quick growing and a good choice for greenhouse growers or those who prefer a heavy chive. Great for freezing and drying. Similar to Staro. Can tolerate partial shade. 26M seeds/oz. *A. schoenoprasum*.

5080 Garlic Chives 90 days

OP • Excellent ornamental • Hardy in Zones 4 and up

Similar to standard chives with delicate, garlic flavor. White, star-shaped flowers are long lasting, ornamentally beautiful and unique. Plants grow more slowly than standard chives and are slightly less hardy. Makes for a great addition to salads and a delicious garnish on most dishes. 6.25M seeds/oz. *A. tuberosum*

CILANTRO - *Coriandrum sativum*

CULTURAL INFO: Days to maturity are from direct seeding. An easy-to-grow annual often used in Mexican, Asian and Mediterranean cooking. Coriander, another commonly used spice, is produced from the seeds. Cilantro prefers direct sun and is tolerant of cool conditions. Direct sow spring into fall. M=1,000.

5051 Caribe 55 days

OP • Good greenhouse crop • Bolt tolerant

Dense bunches of aromatic dark green leaves on long-standing, bolt-tolerant plants. Compared to Santo, Caribe has a slightly thinner stem, higher vigor and seed emergence and better bolt tolerance in the field. A great choice for greenhouse growers, or anyone who wants a long-standing cilantro. From our partners at Bejo Seeds. 2.2M seeds/oz.

5050 Santo 55 days leaf; 95 seed

OP • Upright habit • Fast growing

The commercial standard for field bunching. Very bolt-resistant variety with good flavor and excellent, upright habit for easy harvesting. Fast-growing variety great for cut-and-come-again. Bred by Alf Christenson. 2.2M seeds/oz.

5055 Leisure 55 days leaf; 100 seed

OP • Slow to bolt • Cut and come again • Available as monogerm

Reliable standard cilantro with exceptional bolt resistance and excellent field holding quality. This variety is very comparable to Santo in habit, uniformity, and flavor. Plants can reach 2' tall and have beautiful, bright green feathery leaves. Leaves, stems, flowers and seeds are edible and impart a zesty, aromatic flair to dishes. Great variety for cut-and-come-again growing, especially in cooler weather. Available as monogerm for precision seeding. 5.6M seeds/oz.

DILL - *Anethum graveolens*

5044 Greensleeves 45 days

OP • Slow to bolt • Good container variety

A compact, high-yielding dill for leaf production. Slow to bolt; ideal for leaf production over a long harvest window. Excellent for market growers and planting in containers. Dark green leaves are aromatic and pleasingly sweet eaten fresh or dried. 15M seeds/oz.

5060 Bouquet 45-55 days leaf; 95 seed

OP • Great for pickling • 30" tall

The most widely grown organic dill for fresh eating, flowers and seed heads. A versatile, early maturing variety used for fresh leaves, seedhead production and cut flowers. Produces seed heads well ahead of others and right in time for summer pickles. Flowering umbels average 6" wide. 15M seeds/oz.

LEMON BALM - *Melissa officinalis*

6090 Lemon Balm 70 days to flower

OP • Attracts bees • Vigorous spreading habit • Perennial

Strongly aromatic herb with lemony fragrance and excellent medicinal and culinary qualities. Shiny green leaves on full plants up to 2' tall. Harvest before flowering as leaf quality declines and flower stalks mature. Start transplants 6-8 weeks before last frost, seeds 1/4" deep; transplant seedlings 18" apart or direct sow after all danger of frost is past. 45M seeds/oz.

MARJORAM - *Origanum majorana*

5090 Sweet Marjoram 85 days to flower

OP • Good container plant • Tender perennial

A mild, sweet relative of oregano excellent fresh or dried; essential for pizza sauce. Can be overwintered outdoors successfully or potted up in fall for fresh herbs all winter. Easy to dry, just harvest stems and hang in bundles. Leaves can be easily stripped off when dry. 120M seeds/oz.



Sweet Marjoram



Superior Licorice Mint

KOREAN MINT - *Agastache rugosa*

6050 Superior Licorice Mint 80 days

OP • OSS1 • Aromatic • Medicinal • Attracts pollinators

Large mint-anise flavored leaves bluish purple and are preferred for use in Korean cuisine. Plants are erect, sturdy and compact, growing in clumps instead of spreading by runners or self-sowing. Flowering stage produces beautiful purple spikes that are irresistible to pollinators. Cut flowers hold their color and smell when dried. Hardy perennial cousin of Anise Hyssop. 72M seeds/oz.

OREGANO - *Origanum heracleoticum*

5106 Greek Oregano 80 days

OP • Excellent fresh or dried • Hardy perennial

Excellent culinary oregano with pungent, mouth-watering fragrance and flavor. This is the traditional, full-flavored oregano for pizza and tomato sauces. Low growing plants have slightly furry, dark green leaves with white flowers. Easy to dry, just harvest stems and hang in bundles. 300M seeds/oz.



Greek Oregano



Giant Italian

PARSLEY - *Petroselinum crispum*

CULTURAL INFO: Days to maturity are from direct seeding. Biennial commonly grown as an annual; thrives in moist, fertile soil. Harvest parsley by cutting outer stems as needed. Stores well in the fridge in a container or in water. Attracts swallowtail butterflies. M=1,000.

5104 Giant Italian 70 days

OP • Bunching • Vigorous

Flat, large-leaved variety with aromatic leaves and excellent culinary quality. A high-yielding, very large and vigorous herb. Dependable variety with rapid regrowth that stands up well to frost. Dark green leaves on strong stems make beautiful bunches; delicious, classic flavor for seasoning. 12.5M seeds/oz.

5110 Italian Flat Leaf 70 days

OP • Processing and bunching

Classic flat-leaf variety for use either fresh or dried for seasoning. Stems hold leaves upright for easy bunching. A very nutritious and tasty addition to meat and vegetable dishes. Excellent for freezing, drying and fresh eating. From Sakata Seed. 12.5M seeds/oz.



Italian Flat Leaf



Krausa Parsley

5108 Krausa Parsley 75 days

OP • Curled-leaf parsley

Thick curls of deep green leaves on remarkably sweet stems. Beautiful curled-leaf parsley with delicious stems. These plants are somewhat taller than other curled parsley varieties and hold their color in the field without developing white or brown spots. Very cold tolerant and stands up well to summer heat. From our partners at Bejo Seeds. 20M seeds/oz.

SAGE - *Salvia officinalis*

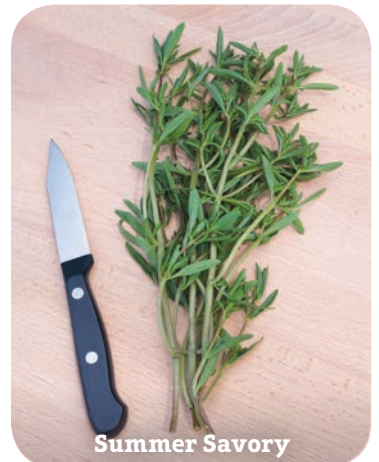
5130 Fanni Common Sage 70 days

OP • Excellent fresh or dried • Perennial

Wonderfully aromatic, gray-green leaves used in soups, gravies and stuffing. Sturdy, woody stems can be used as ornamental branches in floral wreaths. Beautiful lavender flowers after the second year. Start transplants 4-6 weeks before last frost. 3.4M seeds/oz.



Fanni Common Sage



Summer Savory

SAVORY - *Satureja hortensis*

5135 Summer Savory 75 days

HEIRLOOM • Good container plant • Tender perennial

The most subtle and delicate of the savories with zesty fragrance. Slender, light green leaves with woody, thyme-like flavor on reddish, square stems excellent for flavoring green beans, vegetables, poultry or infused in vinegar. Cut stems and hang in bundles to dry. Plants reach 12-18" tall. 47M seeds/oz.



Sorrel



Candy® Stevia



Thyme

SORREL - *Rumex acetosa*2497 **Sorrel** 45 days baby

OP • Gourmet ingredient • Perennial

Lemony, tangy leafy greens delicious in soups and stews, in salad, or as a braising green. Bright green, slender leaves up to 8" with long stems. Excellent overwintered gourmet spring green. Can be spring sown but better in fall for harvest in early spring, when leaves are most tender and mild. 34M seeds/oz.

STEVIA - *Stevia rebaudiana*6030 **Candy® Stevia** 100 days

OP • UP • Great in containers • Tender perennial

Grow your own sweetener! Close to 300 times sweeter than sugar, this herbal alternative can be used fresh or dried, as a powder or a liquid. A tender perennial that can winter outside in zones 9 – 11 or be brought inside in pots to keep for winter use in colder climates. Bushy plants with strong yields of dried leaves. Transplant outdoors in spring after low temperatures are above 45°F. From our partners at Genesis Seeds. 75M seeds/oz.

THYME - *Thymus vulgaris*5140 **Thyme** 90 days

OP • Attracts bees • Perennial

Tiny, aromatic leaves cover slender, woody stalks ending in sweet, white flowers. Makes a beautiful low-growing border along herb and flower beds, growing only 6-10" high. A versatile culinary staple. Our strain is hardy to Zone 4. 99M seeds/oz.

HERB SEED - HYBRID - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
5036 Aroma 2 Fl Basil	\$ 3.80	\$ 6.95	\$ 28.00	\$ 95.00	\$ 165.00	\$ 157.00/lb	\$ 145.00/lb

HERB SEED - OP - SOLD BY SEED WEIGHT

	1/64 oz	1/32 oz	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	20 lb*
5060 Bouquet Dill		\$ 2.95	\$ 3.90	\$ 4.50	\$ 9.00	\$ 18.00	\$ 25.00	\$ 21.60/lb	\$ 17.16/lb
5051 Caribe Cilantro			\$ 2.95	\$ 6.25	\$ 12.05	\$ 38.75	\$ 62.00	\$ 58.15/lb	\$ 44.80/lb
6010 Catnip	\$ 2.95		\$ 6.95	\$ 9.95	\$ 23.00	\$ 84.00	\$ 156.50	\$ 145.80/lb	\$ 135.80/lb
5040 Chives		\$ 2.95	\$ 4.00	\$ 10.00	\$ 27.00	\$ 95.00	\$ 150.00	\$ 130.00/lb	\$ 110.40/lb
new 5011 Deep Purple Basil		\$ 2.95	\$ 6.00	\$ 10.00	\$ 25.00	\$ 80.00	\$ 115.00	\$ 95.00/lb	\$ 87.50/lb
5130 Fanni Common Sage		\$ 2.95	\$ 8.15	\$ 12.65	\$ 40.25	\$ 91.25	\$ 175.00	\$ 160.00/lb	\$ 147.00/lb
5080 Garlic Chives		\$ 2.95	\$ 4.10	\$ 9.15	\$ 21.50	\$ 56.10	\$ 86.75	\$ 80.60/lb	\$ 76.00/lb
5000 Genovese Basil		\$ 2.95	\$ 3.55	\$ 4.60	\$ 7.65	\$ 24.00	\$ 45.50	\$ 43.00/lb	\$ 50.00/lb
5104 Giant Italian Parsley		\$ 2.95	\$ 3.50	\$ 4.85	\$ 8.50	\$ 24.00	\$ 38.00	\$ 34.50/lb	\$ 31.52/lb
5007 Greek Basil		\$ 2.95	\$ 6.60	\$ 10.90	\$ 32.00	\$ 65.00	\$ 120.20	\$ 105.00/lb	\$ 84.00/lb
5044 Greensleeves Dill		\$ 2.95	\$ 4.95	\$ 6.00	\$ 11.00	\$ 22.00	\$ 33.00	\$ 30.40/lb	\$ 28.00/lb
5110 Italian Flat Leaf Parsley		\$ 2.95	\$ 3.25	\$ 4.50	\$ 10.00	\$ 24.00	\$ 40.00	\$ 35.00/lb	\$ 26.00/lb
5055 Leisure Cilantro			\$ 2.95	\$ 4.00	\$ 6.00	\$ 11.00	\$ 16.00	\$ 13.00/lb	\$ 10.25/lb
new 5055S Leisure Cilantro Monogerm			\$ 2.95	\$ 4.00	\$ 6.00	\$ 11.00	\$ 16.00	\$ 13.00/lb	\$ 10.25/lb
6090 Lemon Balm		\$ 2.95	\$ 4.25	\$ 7.50	\$ 24.00	\$ 80.00	\$ 155.00	\$ 150.00/lb	
5010 Lemon Basil		\$ 2.95	\$ 6.00	\$ 10.00	\$ 25.00	\$ 80.00	\$ 115.00	\$ 90.00/lb	\$ 84.00/lb
new 5005 Nufar Basil		\$ 2.95	\$ 5.95	\$ 10.35	\$ 29.00	\$ 88.00	\$ 145.00	\$ 130.00/lb	\$ 105.00/lb
5037 Rosie Basil		\$ 2.95	\$ 7.00	\$ 12.00	\$ 27.00	\$ 63.00	\$ 110.00	\$ 102.00/lb	\$ 94.00/lb
5050 Santo Cilantro			\$ 2.95	\$ 4.95	\$ 7.00	\$ 16.50	\$ 24.00	\$ 18.00/lb	\$ 15.75/lb
2497 Sorrel		\$ 2.95	\$ 6.00	\$ 17.00	\$ 29.00	\$ 88.00	\$ 150.00	\$ 137.00/lb	
5031 Sweet Thai Basil		\$ 2.95	\$ 5.00	\$ 9.00	\$ 23.00	\$ 80.00	\$ 125.00	\$ 107.00/lb	\$ 92.50/lb

HERB SEED - OP - SOLD BY SEED WEIGHT

	1/10 gram	1 gram	8 grams	1 oz	1/4 lb	1 lb	5 lb
5006 Prospera Fl Basil	\$ 2.95	\$ 3.50	\$ 9.00	\$ 26.00	\$ 75.00	\$ 250.00	\$ 230.00/lb

HERB SEED - OP - SOLD BY SEED WEIGHT

	1/10 gram	1 gram	8 grams	1 oz	1/4 lb	1 lb	5 lb	20 lb*
new 6021 Chamomile	\$ 2.95	\$ 6.50	\$ 21.00	\$ 48.00	\$ 145.00	\$ 455.00	\$ 379.00/lb	
5106 Greek Oregano	\$ 3.75	\$ 8.75	\$ 33.00	\$ 68.00	\$ 185.00	\$ 625.00	\$ 560.00/lb	\$ 550.00/lb
5009 Rutgers Devotion DMR Basil	\$ 2.95	\$ 4.00	\$ 9.50	\$ 27.75	\$ 80.00	\$ 265.00	\$ 250.00/lb	
5008 Rutgers Obsession DMR Basil	\$ 2.95	\$ 4.00	\$ 9.50	\$ 27.75	\$ 80.00	\$ 265.00	\$ 250.00/lb	
6130 Sacred Basil	\$ 2.95	\$ 6.25	\$ 11.00	\$ 25.00	\$ 90.00	\$ 325.00	\$ 290.00/lb	
5135 Summer Savory	\$ 2.95	\$ 3.95	\$ 5.00	\$ 10.00	\$ 22.00	\$ 75.00	\$ 65.00/lb	\$ 62.00/lb
6050 Superior Licorice Mint	\$ 3.75	\$ 8.75	\$ 33.00	\$ 68.00	\$ 185.00	\$ 625.00		
5090 Sweet Marjoram	\$ 2.95	\$ 5.00	\$ 18.00	\$ 52.00	\$ 135.00	\$ 475.00	\$ 450.00/lb	\$ 400.00/lb
5140 Thyme	\$ 2.95	\$ 6.00	\$ 9.50	\$ 25.00	\$ 65.00	\$ 215.00	\$ 190.00/lb	\$ 177.50/lb

HERB SEED - OP - SOLD BY SEED COUNT

	25	100	500	1 M	5 M	25 M
6030 Candy Stevia	\$ 3.95	\$ 8.50	\$ 37.00	\$ 62.00	\$ 42.00/M	
5108 Krausa Parsley		\$ 2.95		\$ 15.00	\$ 10.00/M	\$ 8.00/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

Flowers

Citrullus lanatus

Zack, Sarah, Denton, Jon and Megel enjoy a full-bloom field of sunflowers being utilized as a cover crop at Bear Roots Farm in Williamstown, VT.

We have selected these easy-to-grow flower varieties for their individual beauty, for the beneficial insects they attract, and/or suitability for cut flower production. By offering an assortment of hues, heights, growth habits and appearances, we strive to fill your flower needs, whether you are adding color to your home garden or selling

bouquets for market. Our varieties are tried-and-true standards that are sure to perform well in a wide range of growing conditions. Many of these varieties are well suited for succession plantings to ensure a continuous harvest throughout the season. For specific spacing and cultural information for each type of flower go to highmowingseeds.com. Price information

DRIED FLOWERS

7055 Roggli Riesen Strawflower 75 days

OP • Strawflower • Fresh or dried • 30-36" tall • Annual

Bright and varied colorful flowers on tall plants are excellent for drying. A popular dried flower for bouquets and arrangements, strawflowers offer texture and color for many months after harvest. The Roggli Riesen cultivar offers a range of bloom colors including red, yellow, light pink, orange and magenta. Flowers are best cut when they are in bud. Start plants indoors 7 weeks before last frost. From our partners at the Swiss biodynamic seed company Sativa. *Helichrysum bracteatum*. 50M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$6.00, 1/4 oz: \$13.00, 1 oz: \$45.00

7210 Las Vegas Mix Globe Amaranth 95 days

OP • Globe amaranth • Cut or dried flowers • 18-24" tall • Annual

Beautiful mix of long-lasting globe-shaped flowers perfect for fresh and dried floral arrangements, garden borders, and containers. This highly productive mix creates a plethora of beautiful clover-like flowers that bring a cheerful look to gardens and containers alike. Tight flowers have long field lasting quality and grow into a dense, bush habit which makes for easy field maintenance. A desirable accent flower for floral arrangements, this mix is a must for the market gardener selling fresh or dried bouquets. *Gomphrena globosa*. 5.6M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$9.00, 1/4 oz: \$28.00, 1 oz: \$85.00 Unavailable in 2021

7205 Sea Lavender Mix Statice 110 days

OP • Statice • Cut or dried flowers • 12-27" tall • Annual

Long sturdy stems of papery, durable florets in pleasing colors that have long field holding quality. Dreamy waves of flowers that are perfect for both fresh and dried bouquets. When dried in low light conditions, the flowers maintain their color. These durable, dryable flowers are ideal for floral arrangements and bouquets. Beautiful addition to the garden and as a refined border plant. *Limonium sinuatum*. 12.7M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$7.00, 1/2 oz: \$20.00, 2 oz: \$65.00 Unavailable in 2021

ALYSSUM - *Lobularia maritima*

7015 Sweet Alyssum 50-60 days

OP • Tall & highly branched • Supports beneficial insects • Re-seeding annual

A refined, tall, white strain excellent for attracting beneficial insects and pollinators. A strong, tall plant structure sets this strain of sweet alyssum apart, providing excellent branching for a thick layer of small, white blossoms. Plant at the end of greenhouse rows to increase pollinator habitat. A wonderful addition to cut flower gardens, sweet alyssum can also be utilized as a cover crop for adding valuable organic matter. Approx. 71M seeds/oz. 1/64 oz: \$2.95, 1/8 oz: \$7.75, 1/2 oz: \$15.00, 2 oz: \$33.00, 1/2 lb: \$105.00

AMARANTH - *Amaranthus tricolor*

1760 Garnet Red Amaranth 75 days

OP • Great cut flower • Edible foliage • 6-8" tall • Annual

Large, beautiful plants with impressive red spires ideal for fresh bouquets. This versatile plant is a delicious microgreen, baby leaf green, and attractive flower that is sure to bring joy to the garden or dinner table. Heat tolerant, the plants can reach towering heights and will grow steadily through the summer weather. Dramatic plumes of deep red flowers are a striking addition to flower arrangements and fresh bouquets. These brilliant plants are a stand out in a garden setting. Approx. 37.3M seeds/oz. 1/8 oz: \$2.95, 1/2 oz: \$8.00, 2 oz: \$18.00, 1/4 lb: \$22.00, 1 lb: \$55.00, 5 lb: \$45.00/lb, 20lb: \$34.00/lb



Roggli Riesen
Strawflower



Las Vegas Mix
Globe Amaranth



Sea Lavender Mix



Sweet Alyssum



Garnet Red Amaranth



Polka Dot Blend



Pacific Beauty Blend



Resina



Strawberry Blonde



Echinacea purpurea



Bright Lights Blend



Sensation Blend



Double Click Blend

BACHELOR BUTTON - *Centaurea cyanus*

7017 Polka Dot Blend 90 days

OP • Drought tolerant • 16-24" tall • Re-seeding annual • Edible

A wonderful cut flower and bedding plant in diverse shades of blue, pink, white and lavender. Large 2" flowers on well-branched plants. Prefers full sun, cool temperatures and well-drained, poor soil. Direct sow or start indoors 4-6 weeks before planting date, planting outdoors as soon as the soil can be worked. NOTE: This species is considered invasive in some states in the southeastern U.S. Check your region's invasive species list for full information. Approx. 6.25M seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$4.25, 1/2 oz: \$8.00, 2 oz: \$18.00, 1/2 lb: \$45.00

CALENDULA - *Calendula officinalis*

7021 Pacific Beauty Blend 60 days

HEIRLOOM • Prefers cool conditions • 12-24" tall • Annual

A bright medley of single and double orange, gold, yellow and cream-colored flowers. Well-branched plants with tall, straight stems with continuous blooms all summer. Fresh petals are beautiful in salads and as cake decorations. Also known as pot marigold. Approx. 4.5M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$5.25, 1/2 oz: \$15.00, 2 oz: \$40.00

7020 Resina 80 days

OP • Best medicinal variety • Spring bee food • 24-30" tall • Annual

Bright yellow, daisy-like blooms with a few orange show-offs and extremely high resin content. A few orange types help keep the genetic variation of this powerful strain alive and well. Excellent medicinal properties compared to other calendulas; used as an herbal application for inflammation and localized skin problems. Also used as a dye for food or fabric and as an edible flower. Approx. 2.8M seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$6.00, 1/2 oz: \$16.50, 2 oz: \$55.10, 1/2 lb: \$132.30, 1 lb: \$183.80

7019 Strawberry Blonde 80 days

OP • OSSI • Unusual cut flower • Edible salad flower • 18-24" tall • Annual

Warm and colorful antique-looking pink and yellow petals with dark red flashy undersides. Long-lasting cut or dried flowers, and edible flowers to dress up summer salads. Bushy plants flower into the fall. Long stems pull off easily for simple and fast cut flower harvest. A great variety from Frank Morton's Flashback series. Approx. 2M seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$9.25, 1/2 oz: \$24.00, 2 oz: \$70.00

CONEFLOWER - *Echinacea purpurea*

6040 Echinacea purpurea 110 days

OP • Medicinal and ornamental • Attracts monarch butterflies • 30-47" tall • Perennial
Beautiful 3-4" flowers with pink-orange center cones and radiating magenta petals. Medicinal compounds are most concentrated in young flower buds and fibrous roots. This is the easiest and hardiest cultivar to grow in northern climates. Seeds must be cold-treated before germination. Approx. 7.5M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$4.75, 1/2 oz: \$8.25, 2 oz: \$24.00, 1/2 lb: \$85.00, 1 lb: \$145.00, 5 lb: \$124.00/lb, 20 lb*: \$106.00/lb

*Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

COSMOS - *Cosmos* spp.

7075 Bright Lights Blend 85 days

OP • Easy to grow • Attracts bees • 2-3' tall • Annual

Multitudes of flame-colored flowers on bushy plants. Golden-yellow, burnt-orange and fiery-red petals cover these 2.5" wide fully double flowers. Excellent eye-catching border plant, and in pots and bouquets. Cosmos require little fertility or care, making them great for beginners. *C. sulphureus*. NOTE: This species is considered invasive in some states in the southeastern U.S. Check your region's invasive species list for full information. Approx. 3.75M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$8.50, 1/2 oz: \$22.00, 2 oz: \$44.00, 1/2 lb: \$85.00

7037 Double Click Blend 85 days

OP • Drought tolerant • Attracts bees • 3-4' tall • Annual

The cosmos you could confuse with a dahlia. Blend of fully double and semi-double flowers share the many-shaded pinks of Sensation Blend, but have the layered petals of an aster or dahlia. Hardy, tolerant of drought and low fertility, subject to very little disease or pest pressure, this cosmos blend is much easier to grow than either of its look-alikes. Give Double Click a try! *C. bipinnatus*. Approx. 10M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$8.00, 1/2 oz: \$21.00, 2 oz: \$55.00, 1/2 lb: \$175.00

7076 Sensation Blend 85 days

OP • Great cut flower • Attracts bees • 3-4' tall • Annual

Sensational blend of showy white, pink, magenta and lavender blooms. Single flowers are 3-4" wide and are lovely in summer borders, container plantings or bouquets. Tall stems great for cutting. An All-America Selections (AAS) winner in 1936 and remains a favorite today. Cosmos require little fertility or care, making them great for beginning gardeners. *C. bipinnatus*. Approx. 4.3M seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$6.85, 1/2 oz: \$16.35, 2 oz: \$40.95, 1/2 lb: \$143.00

7036 **Sea Shells Blend** 90 days

OP • Prolific • Attracts bees • 3-4' tall • Annual

A lovely mix of dark pink, pastel pink and white tubular petals on delicate stems atop airy foliage. Petals are gently rolled in on themselves like sea shells. Similar to Sensation Blend in color spectrum and plant habit, but with mostly tubular petals for a ruffled, eye-catching effect. *C. bipinnatus*. Approx. 4M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$4.25, 1/2 oz: \$12.50, 2 oz: \$43.00, 1/2 lb: \$118.00

LARKSPUR - *Delphinium consolida*

7060 **Galilee Blend** 85 days

OP • Cut or dried flower • 3-4' tall • Annual

Luxuriant spikes of brilliant blue, deep pink, powder pink, white and deep purple flowers. Creates a rainbow of color; best for mass plantings. Commonly used as a cut flower; dried or in the back of borders. Requires cold temperature for germination; direct seed or transplant. Final plant spacing is 4-6". Provide support for best quality. Approx. 11.4M seeds/oz. 1/64 oz: \$2.95, 1/8 oz: \$9.70, 1/2 oz: \$15.80, 2 oz: \$43.00

MARIGOLD

7073 **Pinwheel** 80-90 days

OP • Attracts pollinators • 2.5-3.5' plants • Annual

A delightful medley of brilliant red and yellow petals on each bloom. Pollinators and growers alike are amazed at Pinwheel's playful coloring, which entrances passersby to stop and join in the fun. Easy to grow, these relatively tall marigold plants produce prolific blossoms and will be covered in pollinators for many months as they continue to bloom. Our strain has been carefully stewarded by Petra Page-Mann and Matthew Goldfarb at Fruition Seeds. *Tagetes patula*. Approx. 6M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$5.00, 1/2 oz: \$15.00, 2 oz: \$45.00

7074 **Dark Orange** 85 days

OP • Pest deterrent • 16" tall plant • Annual

Uniformly dark orange, fully double blooms for borders, beds or cut flowers. Sturdy, 10" wide bushy plants have 2.5" wide ruffled flowers. Provides lasting color in mass plantings and in containers. A natural deterrent for deer, soil nematodes and many insect pests. *Tagetes erecta*. Approx. 6M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$9.35, 1/2 oz: \$17.10, 2 oz: \$57.35

MEXICAN SUNFLOWER - *Tithonia rotundifolia*

7110 **Mexican Sunflower** 85 days

OP • Heat and drought tolerant • Attracts butterflies • 4-6' tall • Annual

Gorgeous, tall plants with 3" orange daisy-like blooms are stunning. Native to Mexico and Central America, Mexican Sunflower plants tolerate poor, dry soils, but will thrive in any climate. Vigorous, tall plants are easy to harvest for cut flowers. Flowers are extremely attractive to bees and butterflies. Deadhead spent blooms to prolong flowering. Approx. 2.8M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$8.00, 1 oz: \$35.00, 1/4 lb: \$101.00

NASTURTIUM - *Tropaeolum* spp.

7161 **Alaska Mix** 60 days

OP • Compact plants • Edible flowers and foliage • Annual

Dark green leaves streaked with white and a mix of yellow, orange, salmon and crimson flowers. Foliage and flowers are equally beautiful in this mix with variegated leaves. Delicate blossoms add a gentle, peppery flavor to salads. Stems and leaves have a refreshing, succulent texture. *T. minus*. Approx. 200 seeds/oz. 1/8 oz: \$2.95, 1/2 oz: \$8.00, 2 oz: \$20.00, 1/2 lb: \$53.00, 1 lb: \$80.00, 5 lb: \$70.00/lb

7160 **Dwarf Jewel Blend** 60 days

OP • Spreading habit • Edible flowers and foliage • 12-24" tall • Annual

Brilliant orange and yellow flowers contrast nicely with round, green leaves. Makes a beautiful border plant. The peppery-tasting edible flowers are exquisite when stuffed with cream cheese or added to salads for color. Slow to germinate, start as transplants 4-5 weeks before last frost. Plant 16" apart. *T. majus*. Approx. 200 seeds/oz. 1/8 oz: \$2.95, 1/2 oz: \$10.00, 2 oz: \$22.00, 1/2 lb: \$65.00, 1 lb: \$105.00, 5 lb: \$85.00/lb

7077 **Nasturtium Blend** 60 days

OP • Trailing • Vines grow to 10' long • Edible flowers and foliage • Annual

Attractive, sunny mix of yellow, orange, rose and crimson flowers on trailing plants. Delicate lily-petal-like leaves are just as attractive as the bright flowers. Edible flowers and foliage are a gourmet treat with flavor reminiscent of peppery watercress. Perfect for hanging baskets, containers or in the garden. *T. majus*. Approx. 200 seeds/oz. 1/8 oz: \$2.95, 1/2 oz: \$9.25, 2 oz: \$21.60, 1/2 lb: \$47.25, 1 lb: \$78.75, 5 lb: \$73.50/lb

NICOTIANA - *Nicotiana glauca*

7090 **Jasmine Scented** 75 days

OP • Bedding plant • 24-36" tall • Re-seeding annual

Lovely, pendulous white star-shaped flowers offer their fragrance to the night. Pollinated by moths. Easy to grow; plants will re-seed. Direct sow by scattering seeds on soil or start transplants 6-8 weeks ahead of planting date. Plant out after last frost. Approx. 271M seeds/oz. 1/64 oz: \$2.95, 1/8 oz: \$8.30, 1/2 oz: \$13.28, 2 oz: \$45.25



Sea Shells Blend



Galilee Blend Larkspur



Pinwheel



Dark Orange



Mexican Sunflower



Alaska Mix



Dwarf Jewel Blend



Nasturtium Blend



Jasmine Scented Nicotiana



California Orange



Pierrot



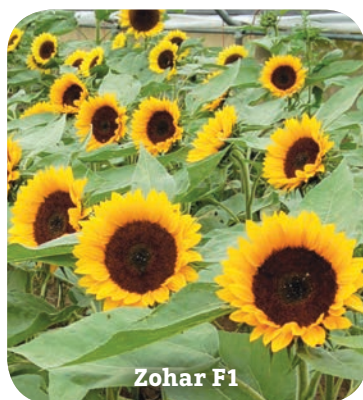
Planète Rouge du Jura



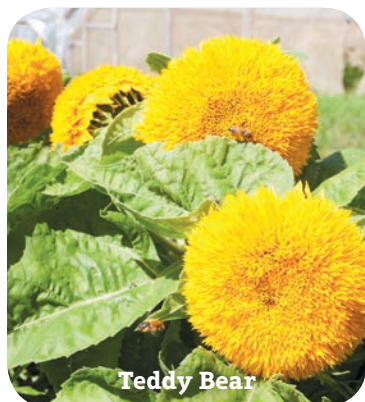
Black Beauty



Lion's Mouth Blend



Zohar F1



Teddy Bear



Medium Red

POPPY

7094 **California Orange** 60 days

OP • Naturalizes in poor, dry soil • 8-12" tall • Re-seeding annual

Simple, silky orange flowers accented by wispy, blue-green foliage. Prolific sun-loving blooms are very attractive in flower beds or naturalized in fields. Start transplants 2-3 weeks before last frost or direct sow 1/4" deep after last frost; transplant carefully and thin to a final spacing of 6" apart. *Eschscholzia californica*. Approx. 18.8M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$3.60, 1/4 oz: \$8.50, 1 oz: \$25.00

7093 **Pierrot** 65 days

OP • Prefers poor soil • 2-3' tall • Re-seeding annual

Striking, deep red blooms with jet-black markings float above airy foliage. Silky scarlet petals form 3" diameter flowers with four large black markings in the center. Adds a vibrant splash of color to beds and borders. Flowers have long, wiry stems over light green, ferny foliage. An abundant seed producer; may naturalize in mild climates. Scatter seeds and rake in lightly, then thin to 6" apart. *Papaver rhoeas*. Approx. 142M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$5.25, 1/4 oz: \$11.00, 1 oz: \$38.00

7095 **Planète Rouge du Jura** 75 days

OP • Prefers poor soil • 3-4' tall • Re-seeding annual

Tall, gorgeous poppy in shades of lavender, magenta and mauve. Large, luxuriant 4-6" blooms are mostly lavender-pink with a few bright magenta heads mixed in. Each flower center is ringed by four deep eggplant markings. Blooms contrast attractively with the waxy, gray-green, scalloped foliage. A rare Swiss variety originally developed for seed and poppy seed oil production. *Papaver somniferum*. Approx. 28M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$6.00, 1/4 oz: \$13.00, 1 oz: \$45.00

7092 **Black Beauty** 78 days

OP • 3-4' tall • Tolerates poor soil • Re-seeding annual

The poppy that looks like a gorgeous peony. With a combination of double flowers and single petal blooms with dark velvety burgundy color, Black Beauty is a stunning eye-catcher unlike any poppy you've ever seen. And like all poppies, it's easy to grow, needs minimal care, and will re-seed itself. *Papaver somniferum*. Approx. 18M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$8.30, 1/4 oz: \$13.25, 1 oz: \$43.00

SNAPDRAGON - *Antirrhinum majus*7018 **Lion's Mouth Blend** 110 days

OP • Excellent cut flower • 12-24" • Annual

Gorgeous blend of bold and pastel colors. Snapdragons are slow growing in spring but worth the wait, as they bloom continuously through the summer, especially with trimming. One of the premium cut flowers for bouquets and arrangements. Also makes a showy border or garden bed. Start indoors 8-10 weeks ahead and set out after frost, spacing 8-10" apart. Cut when the lower third of the florets are open. Approx. 100M seeds/oz. 1/64 oz: \$2.95, 1/16 oz: \$9.00, 1/4 oz: \$28.00, 1 oz: \$85.00

SUNFLOWER - *Helianthus annuus*7099 **Zohar F1** 50 days

HYBRID • Pollenless cut flower • 4-6" flowers • 3-4' tall • Annual

Pollenless sunflower for cut flowers. Greater holding capacity as a cut flower and no mess from shedding pollen. Single-stemmed plants bear flowers with rays of orange-yellow petals surrounding a fully sterile dark center. **25 seeds: \$2.95, 100 seeds: \$9.00, 1M seeds: \$35.00, 5M seeds: \$31.00/M, 25M seeds: \$27.80/M**

7102 **Teddy Bear** 50-63 days

OP • Good container variety • 2-3' tall • Annual

Loads of big, golden yellow, puffy-looking blooms. Great selection for a kids' garden. Sturdy, dwarf plants have an upright habit. Teddy Bear is nice for cutting and equally nice for a colorful garden border. Suitable for containers. Approx. 1.3M seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$6.30, 1 oz: \$12.00, 1/4 lb: \$25.00, 1 lb: \$75.00 Limited availability in 2021

new 7111 **Medium Red** 60 days

OP • Great cut flower • Gorgeous blend of red sunflowers • 5-6' tall • Annual

Beautiful blend of well-branched, red sunflowers ideal for cut flowers and gardens alike. This lovely mix of red sunflowers offers some unique flair as the genetic mix presents a deep and romantic coloration that is hard to resist. Striking in the field or garden, the strong stalks make these colorful blooms an excellent choice for cut flower production. From our partners at DeBolster Organic Seeds. Approx. 1.3M seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$7.15, 1 oz: \$11.00, 1/4 lb: \$24.00, 1 lb: \$75.00

HOPE
IS A SEED

“ I refuse to grow food out of fear. I farm because I have hope. I have trust in whatever the future brings and know that life's hardships never leave any being untroubled. It's not courage to get up each day and raise food for my community, it's my humble contribution to the cause and each seed sprouted is a grateful reminder of the wonders outside of human capability. —Kate of Meadowdale Farm in Vermont”

7109 **Lemon Queen** 70 days

OP • Excellent cut flower • Attracts bees • 5-7' tall • Annual

Buttery, pale yellow petals contrast nicely with a wide brown center. This well-known variety has one large main flower followed by smaller, branching secondary flowers of excellent quality. Each flower has a long stem and holds well in bouquets. Plants bloom for a long period of time. Approx. 700 seeds/oz.

1/16 oz: \$2.95, 1/4 oz: \$7.50, 1 oz: \$9.70, 1/4 lb: \$20.50, 1 lb: \$67.00

Unavailable in 2021

7097 **Goldy Double** 75 days

OP • Attracts bees • 5-6' tall • Annual

Large, fully double and fuzzy blooms soft enough to cuddle with. Multi-branching plants have numerous bright yellow, eye-catching, pompom-like flowers adored by everyone. Will bloom longer than any other type; highly vigorous and productive.

Approx. 550 seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$10.00, 1 oz: \$27.00, 1/4 lb: \$85.00, 1 lb: \$225.00

7106 **Hella Sonnenblume** 75-80 days

OP • Superb cut flower • 2-3' tall • Annual

A stunning dwarf sunflower for bouquets. Lovely 4" diameter gold-petaled blooms are incredibly uniform on sturdy 12" stems. Cute, undeniably dwarf plants reach only 3.5' in height, but from the main stalk each produces an abundance of long, ruler-straight stems perfect for cutting. Easy to harvest with long vase life—an instant stand-out in our trials. From our friends at Swiss biodynamic seed company Sativa. Approx. 2M seeds/oz. 1/16 oz: \$3.95, 1/4 oz: \$10.00, 1 oz: \$30.00, 1/4 lb: \$85.00, 1 lb: \$225.00

7101 **Soraya** 78-90 days

OP • Superb cut flower • 6' tall • Annual

Vigorous variety loaded with rich orange-gold single 4-6" blooms on sturdy stalks. Mahogany-brown centers and plenty of branching for up to 25 blooms per plant on 18" long stems. The first sunflower to win an All-America Selections (AAS) award; holds up exceptionally well as a cut flower. Approx. 1.7M seeds/oz. 1/16 oz: \$3.50, 1/4 oz: \$10.25, 1 oz: \$20.00, 1/4 lb: \$46.00, 1 lb: \$150.00

7098 **Evening Colors Blend** 85 days

OP • Great cut flower • Attracts bees and butterflies • 8' tall • Annual

Each plant carries an amazing variety of gold and pale yellow flowers with dusty-rose to pink rings. An unusual genetic mix with few solid colors and chocolatey-brown centers. Well-branched; stems average 18" long with single heads. Great for bouquets and provides a long season of color. Approx. 1.1M seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$7.25, 1 oz: \$11.00, 1/4 lb: \$24.00, 1 lb: \$75.00

7096 **Autumn Beauty Blend** 90-100 days

OP • Food for birds and bees • 7' tall • Annual

An explosion of 4-6" flowers in the rich colors of fall. Flowers seem to glow in an array of gold, bronze, orange and scarlet tones with lots of bicolors. Well-branched, tall plants with numerous flowers over a long season. Good bird food with lots of oil-rich seeds. Approx. 1.1M seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$7.00, 1 oz: \$9.00, 1/4 lb: \$32.00, 1 lb: \$70.00

7103 **Hopi Black Dye** 95 days

HEIRLOOM • Natural dye source • 7-11' tall

A Hopi heirloom prized for its purple-black seeds, used especially for coloring baskets. High Mowing sold this variety in our very first catalog, and we brought it back in part to complete the circle of our journey and in part because it's a great variety. Like us, it's scrappy and resilient and does a lot with a little. The seeds are good for dye but also for food or feed, and are the best for de-hulling. The massive, tall flowers are classically sunflower beautiful, with yellow rays around purple-black centers. Grown for countless generations, this variety will almost certainly still be used to make dye a hundred years from now. Approx. 500 seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$4.50, 1 oz: \$13.00, 1/4 lb: \$45.00, 1 lb: \$170.00

7107 **Velvet Queen** 100 days

OP • Great cut flower • Attracts bees • 5' tall • Annual

Deep velvety crimson blooms accented with traces of yellow around a black center. Foliage is distinct and attractive, and the plants are free branching, bearing lots of 5-6" blooms that are lovely for cutting. A chic and sophisticated sunflower for cut-flower connoisseurs. Approx. 550 seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$6.60, 1 oz: \$14.70, 1/4 lb: \$43.00, 1 lb: \$105.00

7100 **Mammoth** 110 days

OP • Food for birds and bees • Fun for kids • 12' tall • Annual

The giant of all sunflowers with tall, thick stalks supporting huge heads that tower over the garden. This single-stemmed variety is a very fast and vigorous grower, perfect for creating living walls or fences, sunflower houses, kids' gardens and more. Also a great variety for edible seeds or feeding the birds. Towering plants are beloved by children, birds and bees. Approx. 295 seeds/oz. 1/8 oz: \$2.95, 2 oz: \$11.00, 1/2 lb: \$18.00, 1 lb: \$29.00, 5 lbs: \$25.00/lb



Lemon Queen



Goldy Double



Hella Sonnenblume



Soraya



Evening Colors Blend



Hopi Black Dye



Autumn Beauty Blend



Velvet Queen



Mammoth



Garden Scented



County Fair Blend



Giant Coral



Giant Purple



Golden Yellow



Orange



Red Scarlet

Beeline
Pollinator MixSWEET PEA - *Lathyrus odoratus***new** 7087 Garden Scented 85 days

OP • Vigorous Vine • Cut flowers, hanging baskets, and containers • Annual

Fragrant, beautiful flowers that are delicate and cheerful on strong stems for bouquets, hanging baskets, or trellis. These delightful flowers bring sweetness to any garden with their continual spring and summer blooms. The smell of these colorful blossoms captivates and inspires us to be present in the garden. Will continually produce blooms if spent flowers are removed. All plant materials, from stems to flowers to seeds, are toxic, please use caution around children and pets. Approx. 300 seeds/oz. 1/16 oz: \$2.95, 1/4 oz: \$4.00, 1 oz: \$8.50, 1/4 lb: \$23.00, 1 lb: \$70.00

ZINNIA - *Zinnia elegans*

7150 County Fair Blend 75-90 days

OP • **HMOs EXCLUSIVE** • Excellent cut flower • Attracts butterflies • 24-36" plants • Annual **Warm-toned mix of pink, orange, purple, gold and cream blooms.** An excellent cut flower that blooms until frost; the more you cut the more they grow. 2-5" blooms ideal for borders and bouquets. Heat and disease tolerant. Zinnias last longer if you change the water in the vase every two days and keep out of direct sunlight. Approx. 2.7M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$5.25, 1/2 oz: \$12.00, 2 oz: \$34.00

7147 Giant Coral 75-90 days

OP • Excellent cut flower • Attracts butterflies • 40-50" plants • Annual **Large, fully double red-coral blooms ideal for cut flowers or bright borders.** Lovely salmon-pink to coral flowers on long, sturdy stems. Huge 4" blooms. Disease and heat tolerant, and holds up well in the vase. Change water often for longest life. Direct seed or start transplants 3-4 weeks before last frost date. Approx. 3.4M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$11.00, 1/2 oz: \$25.00, 2 oz: \$50.00

7148 Giant Purple 75-90 days

OP • Excellent cut flower • Attracts butterflies • 40-50" plants • Annual **Big, fully double magenta blooms for a sophisticated statement in borders and bouquets.** Huge, 4-6" purple blooms on long, sturdy stems. Disease and heat tolerant, and holds up well in the vase. Change water often for longest life. Approx. 3.4M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$11.00, 1/2 oz: \$25.00, 2 oz: \$50.00

7149 Golden Yellow 75-90 days

OP • Excellent cut flower • Attracts butterflies • 30-36" plants • Annual **Fully double gold blooms make a dazzling display in the garden.** Well-branched stems provide a continuous supply of easy-to-grow 3-4" blooms that hold up well in a vase. Excellent heat and cold tolerance keep this variety productive until frost. Approx. 5M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$11.00, 1/2 oz: \$25.00, 2 oz: \$50.00

7151 Orange 75-90 days

OP • Excellent cut flower • Attracts butterflies • 40-50" plants • Annual **Large, bold, orange blooms; beautiful as cut flowers or as borders in the garden.** 4-6" blooms have incredible vase life, especially when water is routinely changed. With great field holding quality, plants produce continuous flowers throughout the season. Good tolerance to heat and cold, these vigorous zinnias are a reliable choice for the farm or garden. Approx. 2.7M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$11.00, 1/2 oz: \$25.00, 2 oz: \$50.00

7145 Red Scarlet 85 days

OP • Excellent cut flower • Attracts butterflies • 30-36" plants • Annual **Deep scarlet blooms for an eye-catching variety superior to many others.** A great cutting type with many high-quality flowers and attractive foliage. Dramatic in mass plantings. A standout for quality and cold tolerance in our trials. Approx. 3.9M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$13.25, 1/2 oz: \$33.00, 2 oz: \$62.00

FLOWER MIXES

7045 Beeline Pollinator Mix 55 days

OP • **HMOs EXCLUSIVE** • Attracts bees and other pollinators • 24-36" tall • Annual **Give your bees support with this pollinator-friendly collection.** A diverse nutrition source for a wide variety of bees, butterflies and other pollinators. Purple-flowered phacelia is the star of this mix, providing important bee forage over a long season, while sunflowers, cosmos, herbs and other flowers provide favorite pollen and nectar sources to both domesticated and wild bees. May contain cosmos, bachelor button, sunflower, mustard and phacelia. 7.9M seeds/oz. Seeding rate: 1 oz/200 sq. feet or 1 lb for 3,200 sq ft. 1 oz: \$15.00, 1/4 lb: \$40.00, 1 lb: \$90.00, 5 lb: \$61.00/lb, 20 lb*: \$47.80/lb Limited availability in 2021

*Please see shipping charges on page 58 for individual items weighing 20 lbs or more.

HOPE
IS A SEED

“ I was first drawn to farming by the slowness it teaches you; the patience and trust it requires. And right now, these lessons seem the most valuable. I encourage people to pause and look at what nature is doing amidst these tough times and be inspired by it! Start a garden! There's nothing more reassuring than the unfolding of new growth in times when things feel suspended and uncertain. —Henry of City Green urban farming and gardening organization in New Jersey ”

Cover Crops



A mix of peas, oats and vetch emerge at the High Mowing trials fields, building organic matter to be incorporated into the fields in the spring.

We are pleased to offer a wide variety of cover crops for nearly every season and purpose. Cover crops can be used to improve soil health through a wide variety of mechanisms. These mechanisms include adding organic matter and nutrients, smothering weeds, breaking up compacted soil, preventing erosion, providing forage and attracting beneficial insects. Each cover crop should be sown at a particular time; for your convenience we have noted below each item name when the crop should be sown and some of its primary uses.

Cover crops range from hardy winter varieties like Winter Rye and Hairy Vetch to reseeding annual varieties like Crimson Clover. Most cover crops are intended to be mowed or tilled in several weeks before planting of vegetable crops. Generally, home gardeners can plant cover crops by broadcast sowing over freshly turned soil, ideally before a rain. Just before the cover crops set, seed they can be cut with a scythe or mower and then be turned under with a rototiller. Annual cover crops that winter-kill may be easier to grow.

COVER CROPS

NON-LEGUME

8085 Annual Ryegrass

OP • Sow spring to late summer • Hardy to Zone 6 • Annual
Quick-to-establish, versatile annual grass. Used for weed suppression, erosion control, adding organic matter, or as a nutrient catch. Seed in paths and mow for an excellent ground cover. Broadcast seed at 20-30 lbs/acre. If soil is tilled and moist, no need to incorporate; if dry or using for culti-packing, drill 10-20 lbs/acre, 1/4-1/2 inch deep. *Lolium multiflorum*. Seeding rate: 10-20 lbs/acre, 1/2 lb/1,000 sq ft.

8111 BMR Sorghum-Sudangrass F1

HYBRID • Sow in spring • Drought tolerant • Annual
Heat and drought-tolerant cross between sorghum and Sudangrass. For building biomass, smothering weeds and penetrating compact soils. With growth up to 12' tall and dry matter production of 4,000-5,000 lbs/acre, it makes an excellent soil builder. Adaptable to much of the U.S., provided the soil temperature reaches 65°F two months before the first frost. Seed 0.5-1.5" deep; shallower in heavier soils, deeper in sandy soils. *Sorghum bicolor*. Seeding rate: 35 lbs/acre drilled, 40-50 lbs/acre broadcast.

8010 Common Buckwheat

OP • Sow in spring • Fast grower • Annual
Warm-season crop for building soil and smothering weeds. Planting several successions in a season can be effective for eradicating persistent annual weeds which are out-competed by buckwheat's quick growth. Loosens clay, increases phosphorus and holds fertility for the next crop. Sow after danger of frost has passed, up to 45 days before the first frost. *Fagopyrum esculentum*. Seeding rate: 35-135 lbs/acre, 2-3 lbs/1,000 sq ft.

8020 Oats

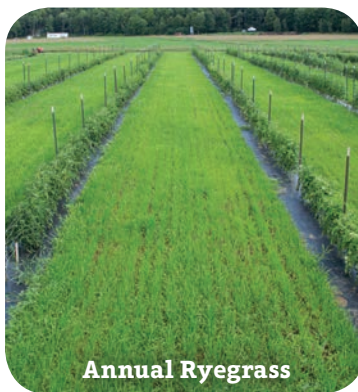
OP • Sow spring or late summer • Mulching cover • Annual
Thick roots that hold the soil and create mats of straw mulch. Sow oats in spring for grain or as a nurse crop for clover and field peas. Sow in late summer as a cover crop to winter-kill at about 15°F. Great for late summer sowing between corn. *Avena sativa*. Seeding rate: 90 lbs/acre, 3-4 lbs/1,000 sq ft.

8115 Phacelia

OP • Annual • Premium pollinator attractant
The blossom no self-respecting pollinator can resist. Highly attractive to honeybees, bumblebees, and beneficial syrphid flies. Phacelia is widely adaptable and tolerates drought better than most, but requires dark and a little cool for good germination, so bury seed at least 1/4 inch deep. Plants are beautiful with fern-like foliage and vibrant, purple flowers. Once established, the phacelia will take over the planting and flower over a long season. But a word of caution—don't put in a big planting too close to a crop you need pollinated as you'll draw off all your worker bees. *Phacelia tanacetifolia*. Seeding rate: 7-12 lbs/acre, 1/4 lb/1,000 sq ft.

8030 Winter Rye

OP • Sow in late summer • Prevents erosion • Perennial
Popular fall cover crop that does not winter-kill. Growth continues much later into the fall than other cover crops, with early spring growth that protects soil from erosion. Vigorous, deep roots add lots of organic matter. Often grown with vetch (mix also available). Correct timing of spring turn-in is important to successfully kill rye. *Secale cereale*. Seeding rate: 100 lbs/acre, 3-4 lbs/1,000 sq ft.



Annual Ryegrass



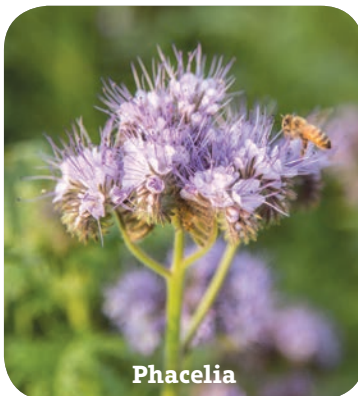
BMR Sorghum-Sudangrass F1



Common Buckwheat



Oats



Phacelia



Winter Rye



Tilling Radish



Crimson Clover



Field Peas



Hairy Vetch



Medium Red Clover



White Clover



Hemp Field Mix



Field Peas/Oats/Vetch Mix



Field Peas/Oats Mix

Beeline
Pollinator Mix

8000 Tilling Radish

OP • Sow in fall • Fast growing • Builds biomass

Excellent fall cover crop for reducing compaction and building soil organic matter.

Fast-growing crop provides excellent weed suppression. Taproots up to 30" long aerate the soil, reduce compaction, scavenge nutrients, lighten clay soils and increase yields. Sow 8-10 lbs/acre 4-10 weeks before the first killing frost. *Raphanus sativus*. Seeding rate: 8-10 lbs/acre, 1/4 lb/1,000 sq ft.

LEGUME

8112 Crimson Clover

OP • Sow in spring or fall • Nitrogen fixer • Reseeding annual

Beautiful, versatile cover with large red flowers. Can be used as a nitrogen source, for soil building, erosion prevention, ground cover, forage and to attract beneficial insects. Thrives and displays rapid growth in cool, moist conditions. Has an ability to tolerate shade, making it useful for undersowing. *Trifolium incarnatum*. Seeding rate: 20 lbs/acre, 1/2 lb/1,000 sq ft.

8070 Field Peas

OP • Sow early spring to summer • Nitrogen fixer • Annual

Good nitrogen fixer, green manure and weed suppressant. Tops can be harvested for edible shoots. Adds 170 lbs/acre of nitrogen to the soil. Final sowing for winter cover should be about 6-8 weeks before first fall frost. Peas prefer cool, moist conditions and will survive frost but winter-kill at 15°F. *Pisum sativum* subsp. *arvense*. Seeding rate: 200 lbs/acre, 6-8 lbs/1,000 sq ft.

8060 Hairy Vetch

OP • Sow in fall • Nitrogen fixer • Perennial

Vigorous crop praised for its winter hardiness and N-fixation. Vetch can add 3,000-4,000 lbs of organic matter per acre. Best sown in fall, it tolerates acidic and low-fertility soils but requires good drainage. Pair with winter rye for overwintering cover; will regrow vigorously in the spring (mix also available). *Vicia villosa*. Seeding rate: 30-40 lbs/acre, 1 lb/1,000 sq ft.

8080 Medium Red Clover

OP • Sow spring to fall • Nitrogen fixer • Perennial

Beautiful crop for N-fixation, hay, pasture and green manure. Fixes 100 lbs of nitrogen per acre and mines nutrients from deep in the soil. Smaller than Mammoth red clover; regrows vigorously after mowing or grazing. Incorporate after the second growth season. Perennial if not plowed under. *Trifolium pratense*. Seeding rate: 20 lbs/acre, 1/2 lb/1,000 sq ft.

8113 White Clover

OP • Sow spring to late summer • Nitrogen fixer • Perennial

Low-growing N-fixer excellent for undersowing in existing cropped areas.

Somewhat slow to establish, once underway white clover will fill in rapidly. A perennial that can survive mowing or trampling. Combine with annual ryegrass to sow drive-rows, pathways or high traffic areas to minimize soil compaction and improve soil health. *Trifolium repens*. Seeding rate: 5-9 lbs/acre drilled, 7-14 lbs/acre broadcast.

MIXES

8100 Field Peas/Oats Mix

OP • Sow spring to late summer • Mulching cover • Annual

A versatile grass/legume combo for all-season use. Provides nitrogen fixation, deep root penetration, winter cover and more. Sow no later than 6-8 weeks before first fall frost for use as a winter cover that winter-kills at about 15°F, leaving behind a great mulch. 70% peas/30% oats by weight. Seeding rate: 180 lbs/acre, 5-6 lbs/1,000 sq ft.

new 8116 Hemp Field Mix

OP • Sow at time of planting of hemp crop or immediately after

A three-way blend groundcover for under-sowing into hemp crops. Annual Rye, Medium Red Clover and Dwarf White Clover are blended to create a dense groundcover that can be mowed or trimmed throughout the growing season. Decreasing weeds and improving soil health, this mix is perfect for season-long performance. Clovers will overwinter to provide spring erosion control and fix nitrogen for next year's crop. Sow at 20 lbs/acre at time of Hemp planting or immediately after. Seeding rate: 20 lbs/acre.

8110 Field Peas/Oats/Vetch Mix

OP • Sow in spring • Adds organic matter

Ideal for soil lacking organic matter. Adds up to 8,000 lbs/acre of organic matter to your soil in a vigorous mix that will outcompete weeds. Sturdy oats support nitrogen-fixing pea and vetch vines. Plant in early spring and mow or disc in the fall. 70% peas/15% oats/15% vetch by weight. Seeding rate: 210 lbs/acre, 6-8 lbs/1,000 sq ft.

8090 Winter Rye/Hairy Vetch Mix

OP • Sow fall, mow spring • Adds nitrogen and organic matter

A combination of grass and legume cover crops. The vetch fixes nitrogen; rye adds organic matter and protects the less hardy vetch from winter damage. Regrows vigorously in spring. Sow late summer into fall; mow and turn in after vetch flowers in the spring. 75% rye/25% vetch by weight. Seeding rate: 90 lbs/acre, 3-4 lbs/1,000 sq ft.

7045 Beeline Pollinator Mix

See Flowers, page 106.

INOCULANTS

94535 Guard-N: for Peas/Vetch (Treats 8 lbs)	\$13.00
94536 Guard-N: for Peas/Vetch (Treats 50 lbs)	\$15.00

COVER CROP SEED - SOLD BY SEED WEIGHT

	1 lb	5 lb	20 lb*	40 lb*
8085 Annual Ryegrass	\$ 11.00	\$ 5.83/lb	\$ 3.86/lb	\$ 3.26/lb
8111 BMR Sorghum-Sudangrass FI	\$ 10.00	\$ 5.00/lb	\$ 3.68/lb	\$ 3.36/lb
8010 Common Buckwheat		\$ 3.20/lb	\$ 2.36/lb	\$ 2.09/lb
8112 Crimson Clover	\$ 13.25	\$ 10.00/lb	\$ 8.16/lb	\$ 7.16/lb
8100 Field Peas/Oats Mix		\$ 2.70/lb	\$ 1.86/lb	\$ 1.67/lb
8110 Field Peas/Oats/Vetch Mix		\$ 3.67/lb	\$ 2.72/lb	\$ 2.50/lb
8070 Field Peas		\$ 3.80/lb	\$ 3.28/lb	\$ 2.96/lb
8060 Hairy Vetch	\$ 9.65	\$ 7.14/lb	\$ 4.28/lb	\$ 4.06/lb
new 8116 Hemp Field Mix		\$ 12.00/lb	\$ 7.60/lb	
8080 Medium Red Clover	\$ 10.00	\$ 7.55/lb	\$ 5.00/lb	\$ 4.30/lb
8020 Oats		\$ 2.00/lb	\$ 1.44/lb	\$ 1.20/lb
8115 Phacelia	\$ 17.00	\$ 12.80/lb	\$ 10.40/lb	\$ 7.80/lb
8000 Tilling Radish	\$ 14.00	\$ 10.00/lb	\$ 8.20/lb	\$ 6.00/lb
8113 White Clover	\$ 25.00	\$ 19.00/lb	\$ 17.40/lb	\$ 13.96/lb
8090 Winter Rye/Vetch Mix		\$ 3.40/lb	\$ 2.95/lb	\$ 1.88/lb
8030 Winter Rye		\$ 2.20/lb	\$ 0.82/lb	\$ 0.72/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 58 for individual items weighing 20 lbs or more.



Show your High Mowing Spirit

MERCHANDISE

94303 Organic Cotton Cap \$15.50

100% certified organic cotton twill in charcoal grey with an adjustable self-fabric closure.

94302 Blue Eco-Trucker Hat \$15.50

Organic cotton navy blue trucker hat with recycled polyester breathable cream mesh back.

94304 Camo Trucker Hat \$15.50

Camo trucker-style hat with an adjustable, breathable camo mesh back.

94942 Harvest Knife \$8.75

Our white handled Victorinox harvesting knife featuring our logo on the serrated blade. Suitable for delicate harvests as well as light pruning on tough stems, these 3.25 inch blades will stay sharp all season long. Made in Switzerland with a lifetime warranty.

new 94943 Victorinox Knife Sheath \$12.50

The Victorinox Nylon Knife Sheath accommodates the HMOS harvest knife with a blade up to 3.25 inches in length. Meant to slide onto a belt or pocket and is perfect for storing your knife during long harvest days.

new 94330 HMS Tote Bag \$15.00

100% certified organic cotton canvas tote bag with High Mowing logo. Dimensions: 38cm x 40cm x 13cm. Weight: 10 oz.

94320 Organic Cotton T-Shirt \$20.00

100% certified organic, ultra-soft cotton featuring our logo printed with water-based inks and made in the USA. Men's tees are standard fit and come in ocean blue, women's tees are slightly fitted and come in amethyst. **FIT:** Men's/Women's (runs small) **SIZE:** S,M,L or XL

new 94325 25th Anniversary T-Shirt \$25.00

Celebrate our 25th Anniversary with us by sporting our 100% certified organic, 25th Anniversary shirt. We wouldn't have made it this far without you! Logo is printed using water-based inks and made in the USA. Men's tees are standard fit, and women's tees are slightly fitted. **FIT:** Men's/Women's (runs small) **SIZE:** S,M,L or XL.



Gift Boxes



Garden Starter Gift Box Collection

GIFT BOX COLLECTIONS

HC-CG **Container Garden** (7 packets) \$19.25

These varieties do well in containers and will add color and flavor to a sunny porch, patio, window box or rooftop. **INCLUDES:** Basil • Kale • Cherry Tomato • Cilantro • Pea • Pepper • Salad Mix

HC-GS **Garden Starter** (7 packets) \$19.25

Looking for a simple way to start your garden? These varieties can be directly seeded into your garden or pots and are easy to grow and rewarding to harvest.

INCLUDES: Bean • Beet • Salad Mix • Cucumber • Radish • Carrot • Basil

HC-HVL **Heirloom Vegetable Lovers** (7 packets) \$19.25

This collection features vegetable varieties that have been passed down by seed savers over the years, prized for their unique color, shape and flavor.

INCLUDES: Cucumber • Beet • Chard • Tomato • Summer Squash • Kale • Pea

HC-KG **Kid's Garden** (5 packets) \$13.75

Super-fun, easy-to-grow varieties that will enchant children of all ages.

INCLUDES: Sunflower • Pumpkin • Carrot • Pole Bean • Nasturtium Flowers

HC-BG **A Bee's Garden** (5 packets) \$13.75

The flowers of these plants attract beneficial insects to your garden, helping with pollination and ecosystem diversity. **INCLUDES:** Dill • Sage • Fennel • Cosmos Flowers • Calendula Flowers

HC-KH **Kitchen Herbs** (5 packets) \$13.75

Perfect for any gardener or cook who loves the fragrant flavor that fresh herbs add to a dish.

INCLUDES: Dill • Parsley • Basil • Cilantro • Thyme

HC-WG **Winter Garden** (5 packets) \$13.75

These cold-hardy varieties are seeded in the fall for harvest throughout the winter in mild climates or overwintered for spring growth in colder regions.

INCLUDES: Lettuce Blend • Arugula • Kale • Spinach • Radish

HC-SS **Summer of Sunflowers** (3 packets) \$8.25

Pick a sunny spot, plant your sunflower seeds, and enjoy the diversity of height, colors and bloom time. **INCLUDES:** Three packets of sunflowers offering a kaleidoscope of orange, red and gold.

HC-SG **Easy Salad Greens** (3 packets) \$8.25

These easy salad greens grow anywhere—perfect for containers or a small garden space.

INCLUDES: Spinach • Arugula • Lettuce Blend

HC-TS **Three Sisters** (3 packets) \$8.25

Pole beans climb corn stalks and provide Nitrogen, while winter squash plants shade out weeds in this set of companion plants which Native Americans call the Three Sisters.

INCLUDES: Corn • Pole Bean • Winter Squash

HOPE
IS A SEED

“ In these uncertain days, remember gardening's great lesson: That this world and all its creatures—from the mycorrhizal fungi beneath our feet to the tree swallows swooping and darting over our heads—are woven into a complex and lovely fabric that we did not make but upon which we depend for our very survival. We have been given the great gift and grave privilege to tend, as best we can, this woven world. May you receive this gift with delight and joy this season. —Greg of Black Bird Farms in Michigan ”

Planting Chart



Cut out this page & bring it with you.

*Spacing requirements may vary. Due to the wide variety of tools and techniques available to both gardeners and commercial growers, this chart should only be used as a guide.

CROP TYPE	Seeds/Unit, M=1,000	Plant Spacing for direct sowing or transplanting	Seed Planting Depth	Row Spacing	Direct Sow or Transplant	Soil Temp (°F) for germination	Start Transplants (before setting out)	When to Plant Out
Artichokes	625/oz	12-24"	1/4"	5'	TP	60-80°	10-12 weeks	After last frost
Bean, Bush, Dry	75-220/oz	8 seeds/foot	1"	18-30"	DS	60-80°	n/a	After last frost
Bean, Bush, Snap	75-220/oz	8 seeds/foot	1"	18-30"	DS	60-80°	n/a	After last frost
Bean, Pole	75-220/oz	8 seeds/foot	1"	5'	DS	60-80°	n/a	After last frost
Bean, Soy	75-220/oz	8 seeds/foot	1"	18-30"	DS	70-90°	n/a	After last frost
Beet	1.5-2.5M/oz	15 seeds/foot	1/2"	12-18"	DS or TP	60-85°	n/a	As soon as soil can be worked
Broccoli	5.6-9.4M/oz	10-16"	1/4-1/2"	18"	DS or TP	65-85°	4-6 weeks	After last hard frost
Broccoli, Sprouting	4-9M/oz	3 seeds every 12"	1/2"	18"	DS	50-65°	n/a	After last frost or in late summer
Brussels Sprouts	7M/oz	18-24"	1/4-1/2"	30"	DS or TP	65-75°	4-6 weeks	As soon as soil can be worked
Cabbage, Chinese/Napa	5-9M/oz	10-16"	1/2"	18"	DS or TP	70-95°	3-5 weeks	When nights are at least 50°F
Cabbage, Fresh Market	5-9M/oz	10-18"	1/2"	12-18"	DS or TP	55-95°	4-6 weeks	After last hard frost
Cabbage, Storage	5-9M/oz	18-24"	1/2"	18-30"	DS or TP	55-95°	4-6 weeks	10 weeks before first frost
Carrot	11-37M/oz	15- 40 seeds/foot	1/4-1/2"	12-18"	DS	60-85°	n/a	As soon as soil can be worked
Cauliflower	5-10M/oz	12-18"	1/4-1/2"	18"	DS or TP	55-80°	4-6 weeks	After last hard frost
Celery/Celeriac	50-70M/oz	6-10"	1/8"	18-24"	TP	60-70°	10-12 weeks	2-3 weeks before last frost
Chard, Bunching	1.2-2.5M/oz	8-12"	1/2"	18-24"	DS or TP	65-85°	4-6 weeks	After last hard frost
Chard, Baby	1.2-2.5M/oz	40 seeds/foot	1/2"	2-6"	DS	65-85°	n/a	After last hard frost
Collards	6-9M/oz	8-12"	1/4-1/2"	18-30"	DS or TP	70-95°	4 weeks	As soon as soil can be worked
Corn	100-200/oz	2 seeds every 12"	1-2"	30-36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F
Cucumber, Greenhouse	1-1.3M/oz	20"	1/2"	5-6'	TP	75-90°	3-4 weeks	Trellis in greenhouse when at least 55°F
Cucumber, Pickling	1-1.3M/oz	8-12"	1/2"	3-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
Cucumber, Slicing	1-1.3M/oz	12-24"	1/2"	5-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
Eggplant	5.5-7.5M/oz	12-18"	1/4"	24-36"	TP	75-90°	8-12 weeks	When nights are at least 50°F
Fennel	5-7M/oz	6-8"	1/4-1/2"	18"	DS or TP	60-65°	4-5 weeks	After last hard frost
Garlic, Softneck	50 cloves/lb	6"	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Garlic, Hardneck	40 cloves/lb	6"	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Greens, Baby Leaf/Salad	16-24M/oz	60 seeds/foot in 2-4" bands	1/8"	3-4" between bands	DS	55-85°	n/a	As soon as soil can be worked
Greens, Arugula, Full Size	15M/oz	60 seeds/foot in 2-4" bands	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked
Greens, Asian, Baby	12M/oz	60 seeds/foot in 2-4" bands	1/4"	3-4" between bands	DS	70-95°	n/a	As soon as soil can be worked
Greens, Beet	1.5M/oz	40 seeds/foot in 2-4" bands	1/2"	2-4" between bands	DS	60-85°	n/a	As soon as soil can be worked
Greens, Cress, Garden	10M/oz	24 seeds/foot in 2-4" bands	1/4"	2-4" between bands	DS	65-85°	n/a	As soon as soil can be worked
Greens, Cress, Upland	19M/oz	12 seeds/foot	1/4"	12-18"	DS	65-85°	n/a	After last frost
Greens, Endive, Belgian	13M/oz	6 seeds/foot	1/8"	18-24"	DS	65-85°	n/a	As soon as soil can be worked
Greens, Endive, Baby	17-20M/oz	30 seeds/foot in 2-4" bands	1/8"	3-4" between bands	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked
Greens, Escarole, Full Size	12-16M/oz	15 seeds/foot in rows 6-12" apart	1/8"	12-18"	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked
Greens, Mustard	14-18M/oz	60 seeds/foot in 2-4"	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked

CROP TYPE	Seeds/Unit, M=1,000	Plant Spacing for direct sowing or transplanting	Seed Planting Depth	Row Spacing	Direct Sow or Transplant	Soil Temp (°F) for germination	Start Transplants (before setting out)	When to Plant Out
Greens, Purslane	65M/oz	30 seeds/foot in 2-4" bands	1/4"	12-18"	DS	68-74°	n/a	After last frost
Greens, Radicchio	14M/oz	8-12"	1/4"	12-18"	DS or TP	68-85°	4-6 weeks	After last frost
Greens, Radish	1-2M/oz	20 seeds/foot in 2-4" bands	1/4"	2-3" between bands	DS	55-85°	n/a	As soon as soil can be worked
Herbs, Basil	13-40M/oz	4-8"	1/4"	12-24"	DS or TP	70-90°	4-6 weeks	After last frost
Herbs, Chives	6-26M/oz	4-8" annual, 12-18" perennial	1/4-1/2"	12-18"	DS or TP	60-70°	10-12 weeks	After last hard frost
Herbs, Cilantro	12-20M/oz	50 seeds/foot, 6-12" between transplants	1/4"	12-18"	DS or TP	50-80°	6-8 weeks	After last hard frost
Herbs, Dill	15M/oz	40 seeds/foot	1/4"	12-18"	DS or TP	50-80°	n/a	After last hard frost
Herbs, Parsley	2M/oz	40 seeds/foot	1/4"	12-18"	DS or TP	50-80°	4-6 weeks	After last hard frost
Kale, Full Size	6-9M/oz	10-18"	1/4-1/2"	16-30"	DS or TP	70-95°	4 weeks	After last hard frost
Kale, Baby	6-9M/oz	60 seeds/foot in 2-4" bands	1/4-1/2"	2-6" between bands	DS	70-95°	n/a	As soon as soil can be worked
Kohlrabi	5-9M/oz	4-10"	1/4-1/2"	12-18"	DS or TP	65-85°	4-6 weeks	As soon as soil can be worked
Leek	9.5-11M/oz	6"	1/4"	18-24"	DS or TP	60-80°	10-12 weeks	As soon as soil can be worked
Lettuce, Baby Leaf	20-30M/oz	60 seeds/foot in 2" bands	1/8"	3-4" between bands	DS	40-80°	n/a	After last hard frost
Lettuce, Full Size	20-30M/oz	8-12"	1/8"	12-18"	DS or TP	40-80°	3-4 weeks	After last hard frost
Lettuce, One-cuts	20-30M/oz	4-6"	1/8"	4-6"	TP	40-80°	3-4 weeks	After last hard frost
Melon	1-1.25M/oz	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
Okra	400-500/oz	12-18"	1"	3'	DS or TP	75-95°	6 weeks	After last frost
Onions/Shallots	6-8M/oz	10 seeds/foot	1/8-1/4"	18-30"	DS or TP	50-95°	8-12 weeks	After last hard frost
Onions, Bunching	6-8M/oz	50 seeds/foot in 2-3" bands	1/4-1/2"	12-18"	DS or TP	50-95°	n/a	As soon as soil can be worked
Parsnip	6-7M/oz	20 seeds/foot in 2" bands 2-3"	1/2"	18-24"	DS	50-65°	n/a	After last frost
Peas	90-170/oz	24-30 seeds/foot	1-2"	2-6'	DS	50-75°	n/a	As soon as soil can be worked
Pepper	2.8-4.9M/oz	12-18"	1/4"	18-36"	TP	68-95°	6-8 weeks	After last frost
Potatoes, New/Fingerling	14 pieces/lb	10-12"	1-3"	36"	DS	50-75°	n/a	1-2 weeks before last frost
Potatoes, Full Size	8-10 pieces/lb	10-12"	1-3"	36"	DS	50-75°	n/a	1-2 weeks before last frost
Pumpkin, Bush/Semi-Bush	155-400/oz	18"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Pumpkin, Vining	155-400/oz	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Radish, Winter	1.8-3.6M/oz	4 seeds/foot	1/4-1/2"	12-16"	DS	55-85°	n/a	As soon as soil can be worked
Radish, Garden	1.8-3.6M/oz	20 seeds/foot	1/4-1/2"	8-12"	DS	55-85°	n/a	As soon as soil can be worked
Rutabaga	11M/oz	6 seeds/foot	3/4"	18-24"	DS	60-95°	n/a	Spring /early summer
Spinach, Baby Leaf	1.5-3.7M/oz	40 seeds/foot in 2-4" bands	1/8-1/4"	1-2" between bands	DS	45-65°	n/a	As soon as soil can be worked until early fall
Spinach, Full Size	1.5-3.7M/oz	10 seeds/foot	1/8-1/4"	12-18"	DS or TP	45-65°	n/a	As soon as soil can be worked until early fall
Squash, Summer	220-375/oz	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
Squash, Winter, Bush	105-470/oz	18-24"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Squash, Winter, Vining	105-470/oz	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Tomato, Determinate	280-450/gm	12-18"	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Indeterminate	280-450/gm	18-36"	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Greenhouse	280-450/gm	16-24"	1/4"	6'	TP	60-85°	6-8 weeks	Trellis in greenhouse when at least 65°F
Tomatillo	18M/oz	18-36"	1/4"	4-6'	TP	60-85°	4-5 weeks	After last frost
Turnip	11M/oz	8 seeds/foot in 2-4" bands	3/4"	12-18"	DS	60-95°	n/a	As soon as soil can be worked
Watermelon	600-900/oz	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
Zucchini	155-260/oz	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost



“ Here at High Mowing, we take great pride in offering our growers the very best organic, non-GMO varieties of vegetables, fruits, flowers and herbs available. It is an honor knowing that the seeds that pass through our trials fields and warehouse contribute to the important work of our growers in North America, and we are filled with gratitude for your continued support. ”

Thank you for choosing organic and joining us in the pursuit of a green and resilient future.

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