

2020 ORGANIC SEED CATALOG



**BREEDING
PARTNERSHIPS FOR
DOWNY MILDEW
RESISTANCE
IN BASIL**

**FREE
Shipping**

On orders over \$10, see p. 55

100% Certified Organic, Non-GMO Project Verified Seeds



highmowingseeds.com



Welcome TO OUR 2020 CATALOG!



We are building a better world with organic seed.

My journey with seed started from deep curiosity. I was always fascinated by seed. The way they store their experiences into their genetic fabric to be used as adaptive tools for the next generation amazed me. I couldn't help but be compelled by the way plants could refine themselves, season to season, becoming more prepared for the growing conditions ahead.

When I began to save my own seed, I became aware of the opportunity we have to participate—to make plants hardy, more palatable, and more relevant to the needs of growers and eaters alike. And to celebrate the diversity, cultural significance and human connections revealed through our food.

In these pages, you will find 53 new varieties that have been carefully evaluated through our trials program. You will see stories of growers across the world sharing their journey with growing food. You will read about breeders whose work enriches our offerings and gives growers tools for success. We hope that you will also notice how we aim to improve, becoming more aware of the challenges our growers face and opening ourselves to the tough conversations that make us all better.

Just like seeds saved, season to season, at High Mowing we refine our work to create a catalog designed to make our growers more resilient during uncertain times. Our carefully curated relationships with seed producers and breeders reflect our commitment to improving access to the highest quality, organic seeds available. I believe deeply in the work being done at High Mowing, by our seed partners, and especially by each of you browsing through our catalog today.

The idea that all this effort results in high-quality seeds making their way to farmers and gardeners like you makes me eternally hopeful. While there are challenges yet to face, every organic seed we share reminds me of the faith I have in all of us to make good choices, help each other, and learn lessons from the plants themselves about the power of perseverance.

With gratitude,

Tom Stearns, Owner & Founder

COVER PHOTO: Maggie and Paul of High Mowing visit with David Van Drunen of VDF Specialty Seeds, producers of the new Rutgers Obsession and Devotion, downy mildew resistant basil varieties on their farm in Mokena, Illinois.

Why Do You GROW?

Share a photo and a caption using the hashtag **#WhyWeGrow**

Facebook • Instagram • Twitter

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. 55) anytime.

MAIL

Send the order form (p. 55) 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 and 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, 2020 and are subject to change.*

We offer

FREE SHIPPING!*

**On orders over \$10, see page 55 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 genera, 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."



53 New Varieties for 2020



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Zinnia p. 107**



**Comanche F1
Leek p. 45**



**Cherokee Carbon F1
Beefsteak Tomato p. 86**



**Moonbeam Grape
Tomato p. 90**



**Alkindus Butterhead
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**Natural Bright XR F1
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**Badger Flame
Beet p. 8**



**Travero F1
Cabbage p. 13**



**Las Vegas Mix
Globe Amaranth p. 102**



**Olly F1
Bell Pepper p. 66**



**Truchas Mini Romaine
Lettuce p. 48**



**Korist F1
Kohlrabi p. 44**



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Pie Pumpkin p. 74**



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Slicer Cucumber p. 24**



**Autumn Frost F1
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**Kalibos
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**True Love F1
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**Subeto F1
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**Strawberry Fields
Globe Amaranth p. 102**



**Huckleberry Gold
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**Primero Red F1
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**Rutgers Devotion
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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.

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.

Want to Learn more?

See page 71 for more information.

VARIETY FEATURES LINE:

- Indicates if variety is open-pollinated (OP), 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 • **MTO-10** • 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 are 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.

Artichokes

Cynara scolymus

Taylor bringing in a harvest of artichokes from the prolific plants growing in the field trials.



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. Sow thickly as germination rates are typically not high. Plant 1/4" 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 thick, 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	\$42.00	\$68.00	\$60.00/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



Taylor harvests fresh Antigua bush beans from the trials fields.

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. *Limited availability in 2020.*

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 2020.*

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. *Unavailable in 2020.*



Provider



Antigua



Jade



Strike

COLORED SNAP BUSH

2233 **Red Swan** 54 days

OP • 4-6" flattened pods

Stringless snap with a unique eye-catching red hue! Deep rose-purple pods are flat, like Romano beans, with rich hearty flavor. Beans turn bright green when cooked. This variety, made by crossing a purple snap bean with a pinto bean, was bred by Minnesota bean breeder Robert Lobitz. Tan seeds.

2232 **Gold Rush Yellow Wax** 55 days

OP • 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.



Red Swan



Gold Rush Yellow Wax





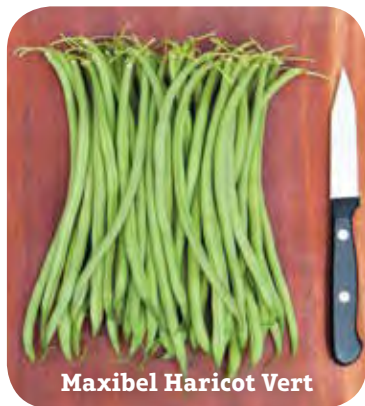
Mardi Gras Blend



Royal Burgundy



Tavera Haricot Vert



Maxibel Haricot Vert



Dragon Langerie



Roma II



Northeaster



Blue Coco

2150 Mardi Gras Blend 55 days

OP • **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 days

OP • HR: **AN, BCMV** • Compact, high yielding • 4-5" pods

Extra-slimmer, 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 days

OP • 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. *Limited availability in 2020.*

2157 Roma II 59 days

OP • 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.

POLE

2156 Northeaster 56 days

OP • Very early • 7-8" flattened pods

Romano bean with buttery flavor and hearty texture. Northeaster 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. *Unavailable in 2020.*

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.

Why We
GROW

“ One of the things that makes me the happiest in the whole world: the new life and promise of better days ahead that naturally springs forth from one tiny seed. ”
—Mo, gardener in New Hampshire

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. *Limited availability in 2020.*

2020 **Eclipse** 90 days

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

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 are 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. Speckled tan seeds.

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!



Rattlesnake



Kentucky Wonder



Light Red Kidney



Calypso



Eclipse



Silver Cloud Cannellini



Jacob's Cattle



Quincy Pinto



Chiba Green



Midori Giant



Windsor Fava

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*

GARDEN COMBO INOCULANT FOR BEANS

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

BEANS - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	25 lb*	50 lb*
2205 Antigua Bush	\$2.95	\$7.65	\$11.25	\$8.67/lb	\$6.92/lb	\$6.10/lb
2235 Blue Coco Pole	\$2.95	\$11.00	\$16.00	\$13.00/lb	\$10.00/lb	\$8.50/lb
2030 Calypso Dry (limited availability in 2020)	\$2.95	\$10.05	\$13.00	\$9.40/lb	\$7.96/lb	\$6.64/lb
2253 Chiba Green Soybean	\$5.05	\$14.80	\$19.00	\$15.80/lb	\$13.80/lb	\$13.00/lb
2234 Dragon Langerie Bush (limited availability in 2020)	\$2.95	\$9.15	\$12.20	\$8.77/lb	\$7.76/lb	\$6.50/lb
2020 Eclipse Dry	\$2.95	\$8.90	\$11.00	\$8.47/lb	\$7.55/lb	\$6.38/lb
2232 Gold Rush Yellow Wax Bush	\$2.95	\$7.70	\$11.55	\$9.60/lb	\$8.80/lb	\$7.20/lb
2050 Jacob's Cattle Dry	\$2.95	\$7.70	\$11.55	\$9.60/lb	\$8.80/lb	\$7.20/lb
2022 Jade Bush (unavailable in 2020)	\$2.95	\$7.70	\$11.55	\$9.60/lb	\$8.80/lb	\$7.20/lb
2160 Kentucky Wonder Pole	\$2.95	\$7.85	\$11.80	\$9.80/lb	\$9.00/lb	\$7.35/lb
2060 Light Red Kidney Dry	\$2.95	\$6.75	\$9.45	\$8.27/lb	\$7.36/lb	\$6.84/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	\$7.70	\$11.75	\$9.80/lb	\$8.96/lb	\$7.50/lb
2241 Midori Giant Soybean	\$5.05	\$14.75	\$23.50	\$19.40/lb	\$16.60/lb	\$14.80/lb
2156 Northeaster Pole (unavailable in 2020)	\$2.95	\$11.00	\$18.00	\$15.00/lb	\$11.00/lb	\$9.00/lb
2210 Provider Bush (limited availability in 2020)	\$2.95	\$7.25	\$10.50	\$8.00/lb	\$7.40/lb	\$6.50/lb
2035 Quincy Pinto Dry	\$2.95	\$7.25	\$10.50	\$8.67/lb	\$7.65/lb	\$6.50/lb
2161 Rattlesnake Pole	\$2.95	\$9.00	\$14.00	\$11.00/lb	\$10.00/lb	\$8.67/lb
2233 Red Swan Bush	\$2.95	\$7.40	\$10.75	\$9.00/lb	\$8.40/lb	\$7.55/lb
2157 Roma II Bush	\$2.95	\$8.75	\$13.50	\$11.40/lb	\$9.60/lb	\$7.90/lb
2230 Royal Burgundy Bush	\$2.95	\$7.40	\$10.75	\$9.00/lb	\$8.40/lb	\$7.55/lb
2154 Seychelles Pole	\$5.05	\$14.75	\$23.50	\$19.40/lb	\$16.60/lb	\$14.80/lb
2040 Silver Cloud Cannellini Dry	\$2.95	\$8.75	\$14.00	\$11.60/lb	\$9.60/lb	\$7.90/lb
2255 Strike Bush (unavailable in 2020)	\$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

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Why We GROW

“That feeling of something beautiful and delicious coming from a small seed is always a surprise. Getting messy in the garden is how you connect with the earth and learn to respect nature. My grandmother handed this simple wisdom down to me, and I am so thankful.”

—Sarah of Wild Oak Homestead, Ontario



“I farm for my kids, because I really want them to grow up outside and know where their food came from, and I farm for myself, because I really want to own my own business, live my life outdoors, and work for myself.”

—Emma of Moon Valley Farm, Maryland



Beets

Beta vulgaris

Beet crop growing under cover at Full Moon Farm in North Carolina.

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. Thinning of seedlings is optional and 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. 37.

new **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 supports 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. Precision sized. Raw or pelleted seed. *Unavailable in 2020.*

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. *Unavailable in 2020.*



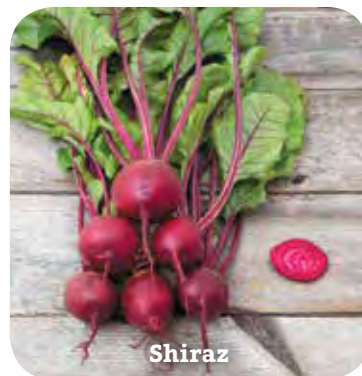
Early Wonder Tall Top



Subeto F1



Boro F1



Shiraz



Detroit Dark Red



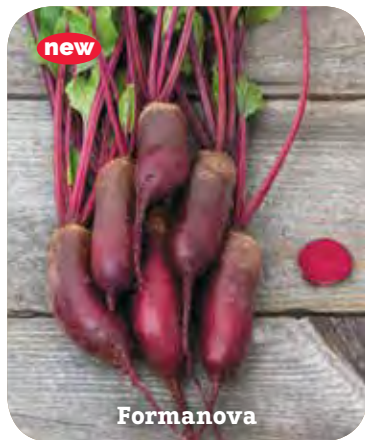
Red Ace F1



Rhonda F1



Bull's Blood



Formanova



Touchstone Gold



Badger Flame



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. 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. See baby leaf photo on p. 37.

new 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 leaves. From our partners at Sativa Organic Seeds.

new 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 are paid to the breeder. *Limited availability in 2020.*

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. 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! *Limited availability in 2020.*

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	25 lb*	50 lb*	100 lb*
2271 Badger Flame - (limited availability in 2020)	\$2.95	\$19.50	\$52.00	\$145.00	\$112.40/LB	\$104.40/lb	\$90.00/lb	\$82.50/lb
2273 Cylindra - (limited availability in 2020)	\$2.95	\$7.40	\$16.30	\$40.75	\$38.80/lb	\$36.08/lb	\$33.16/lb	\$31.10/lb
2280 Detroit Dark Red	\$2.95	\$5.00	\$8.60	\$15.30	\$14.60/lb	\$14.40/lb	\$14.20/lb	\$13.50/lb
2290 Early Wonder Tall Top	\$2.95	\$4.60	\$7.10	\$18.35	\$16.10/lb	\$15.40/lb	\$14.70/lb	\$14.25/lb
2272 Formanova	\$2.95	\$9.00	\$19.00	\$55.00	\$50.00/lb	\$44.00/lb	\$42.20/lb	\$40.00/lb
2262 Shiraz - (unavailable in 2020)	\$2.95	\$19.00	\$50.00	\$140.00	\$110.00/lb	\$104.00/lb	\$88.00/lb	\$81.50/lb

BEET SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	100 M	500 M**	1000 M**
2260 Bull's Blood	\$2.95	\$7.35	\$3.40/M	\$2.60/M	\$2.50/M	\$2.12/M	\$1.95/M
2269 Guardsmark Chioggia	\$3.95	\$7.50	\$4.40/M	\$3.40/M	\$3.00/M	\$2.60/M	\$2.50/M
2288 Touchstone Gold	\$2.95	\$7.65	\$6.12/M	\$5.72/M	\$5.35/M	\$4.85/M	\$4.54/M

BEET SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	100 M	500 M**	1000 M**
2265 Boro F1	\$2.95	\$6.75	\$3.20/M	\$2.56/M	\$2.40/M	\$2.20/M	\$2.10/M
2285 Red Ace F1 - (unavailable in 2020)	\$2.95	\$7.50	\$3.80/M	\$3.20/M	\$2.75/M	\$2.30/M	\$2.15/M
2285P Red Ace F1 - Pelleted (unavailable in 2020)	\$4.25	\$8.00	\$4.20/M	\$3.40/M	\$3.05/M	\$2.70/M	
2289 Rhonda F1	\$2.95	\$6.75	\$3.20/M	\$2.56/M	\$2.40/M	\$2.20/M	\$2.10/M
2267 Subeto F1	\$3.20	\$9.50	\$6.05/M	\$3.50/M	\$2.75/M	\$2.50/M	\$2.25/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more. **For 500M, add \$14. For 1000M, add \$28.

Broccoli

Brassica spp.

Tidy crop of broccoli at Jeff's Organic Farm in New Jersey.

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, preferentially 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: **BR, 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: **BR, 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, WR** • 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.



De Cicco



Batavia F1



Belstar F1



Fiesta F1



Covina F1



Waltham 29



Spring Raab
Broccoli Raab



Hon Tsai Tai Flowering Broccoli



Te You Flowering
Broccoli



Santee 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" 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* var. *purpurea*

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*

2494 Te You Flowering Broccoli 50 days

OP • Heat and cold tolerant

Thick, succulent stems, crisp leaves and mini broccoli florets; also known as Chinese broccoli. Stems are best harvested young. Tolerant of heat and cool temperatures with resistance to mildews. Plant late spring to early fall. *Brassica oleracea*

2311 Santee F1 Sprouting Broccoli 75-115 days

HYBRID • Specialty crop • Excellent for overwintering

Mini purple heads on leafy stalks; also known as brocolini. 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 for impressive yields. 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	25 lb*
2300 De Cicco	\$2.95	\$3.80	\$5.50	\$12.10	\$29.00	\$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	\$6.50	\$11.75	\$24.75	\$63.00	\$115.00		
2494 Te You Flowering Broccoli	\$2.95	\$7.10	\$12.90	\$30.00	\$90.00	\$150.00	\$125.00/lb	
2315 Waltham 29	\$2.95	\$3.15	\$3.95	\$9.85	\$21.00	\$32.00	\$29.00/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	\$15.50	\$24.50	\$21.40/M	\$19.07/M	\$16.75/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	\$54.25	\$79.05	\$72.00/M	\$66.80/M	\$62.75/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Why We GROW

“ We grow for abundance. We grow for our legacy. We grow for the future. We grow because we love it. In a world of few young people taking on the task of farming, we grow because someone has to. —Katherine of Hat and Heart Farm, Texas ”



“ Farming has allowed me to learn about myself, to become more self sufficient, and has brought me to a wonderfully supportive community. I feel grateful. —Grace of Kodama Farm and Food Forest, Washington ”



Brussels Sprouts

Brassica oleracea var. gemmifera

Taylor with an abundant crop of Brussels sprouts in the trials fields.

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, preferentially in rotation with one another to prevent selection of resistant individuals (check with your certifier before applying). 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.

2309 Doric F1 120 days

HYBRID • HR: **FY** / IR: **BR** • Uniformly sized sprouts • Upright sturdy habit

A standout hardy variety for late fall and early winter production. Tall plants produce dense, dark green sprouts on an upright sturdy stalk. Good uniformity up and down the stem. Flavor improves after cold exposure. From Bejo Seeds. *Limited availability.*

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



Doric F1



Nautic F1

BRUSSELS SPROUTS SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2314 Dagan F1	\$4.50	\$33.00	\$58.00	\$55.00/M	\$48.00/M
2309 Doric F1 - (limited availability)	\$4.50	\$33.00	\$58.00	\$55.00/M	\$48.00/M
2317 Nautic F1	\$4.50	\$33.00	\$58.00	\$55.00/M	\$48.00/M

Larger volumes available; please call for pricing.

Why We GROW

“ We grow because we want to make a positive impact to this planet while we are on it, an impact that resonates, works with our environment, betters our food system, and educates others.

—Mike & Megan of Wren Box Farm, Ohio”



“ We grow food in hopes of improving our little corner of the world, one crop at a time, one meal at a time; we grow good soil to ensure our future generations have healthy land to continue this tradition.

—Nick & Jenni of Crystal Organic Farm, Georgia”



Cabbage *Brassica spp.*

Monique is all smiles bringing in a harvest of Reaction F1 cabbage.

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 4-6 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 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, preferentially 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



Caraflex F1

Murdoc F1



Farao 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 and 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.

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 and black rot. Bred by Bejo Seeds for the kraut and processing industry in Holland.

new 2295 **Reaction F1** 100 days

HYBRID • IR: **FY** • Storage mini cabbage • 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, white colored heart. Producing good sized heads when spaced normally, this variety can also be planted closer to encourage the development of mini heads. Mini heads are a great addition to the farmers market table or retail outlet as large cabbages can sometimes intimidate shoppers. From Bejo Seeds.

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.

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.

new 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. Excellent pairing for Murdoc F1. From our partners at Fruition Seeds. Limited availability in 2020.

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

new 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 that 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.

new 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-savory heads come on after Deacon F1 and carry more weight when overwintered in the PNW. Extremely uniform with strong stems, the heads are set high off the ground. Excellent cold tolerance makes these cabbages a good option for winter production. From our partners at Bejo Seeds.



Passat F1



Reaction F1



Impala F1



Red Express



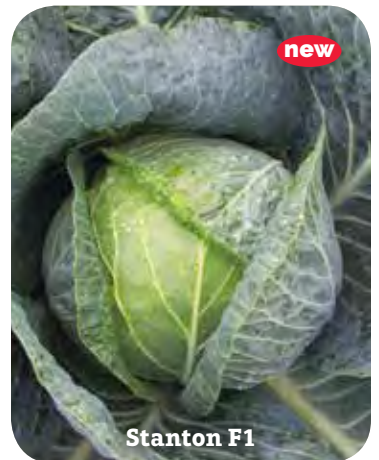
Integro F1



Kalibos



Buscaro F1



Stanton F1



Travero F1

Why We
GROW

“Do you see seeds? I see hope, opportunity, and nourishment...” —Melisa of State 28 Farm, Texas



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 4-6 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 Kaboko F1 and 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.

Why We
GROW

“This is why we grow: to be rewarded by nature's bounty. —Donna, gardener in Washington, DC”

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	\$5.10	\$9.15	\$16.35	\$25.50	\$21.40/lb
2369 Red Express	\$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	\$21.45	\$40.00	\$36.40/M	\$32.20/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	\$31.75	\$57.25	\$50.00/M	\$44.00/M	\$39.00/M
2353 Deadon F1	\$4.50	\$27.50	\$43.35	\$37.60/M	\$32.40/M	\$30.50/M
2381 Emiko F1 Napa	\$2.95	\$9.45	\$14.50	\$11.78/M	\$10.40/M	\$9.70/M
2363 Famosa F1	\$3.70	\$18.40	\$33.00	\$28.20/M	\$24.08/M	\$23.00/M
2366 Farao F1	\$3.25	\$15.50	\$25.50	\$23.00/M	\$20.40/M	\$18.55/M
2359 Impala F1	\$3.75	\$20.00	\$35.00	\$30.00/M	\$24.00/M	\$19.00/M
2354 Integro F1	\$3.50	\$15.90	\$30.00	\$27.00/M	\$24.00/M	\$22.00/M
2362 Murdoc F1	\$5.70	\$32.40	\$58.40	\$51.00/M	\$45.00/M	\$38.75/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	\$29.75	\$26.50/M	\$23.60/M	\$21.50/M
2297 Stanton F1	\$4.50	\$27.50	\$43.35	\$37.60/M	\$32.40/M	\$30.50/M
2358 Travero F1	\$3.85	\$21.45	\$40.00	\$36.40/M	\$32.20/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 2020)	\$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



Visitors collect at our trials fields and look over a lush stand of carrots during Vermont Open Farm Week.

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 which 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 III 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. Pelleted seed has limited availability in 2020.

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 and short, strong tops for bunching. 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. Pelleted seed unavailable in 2020.



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.

2291 Resistaflly F1 68 days

HYBRID • Storage • 6-8" Nantes-type

High quality disease tolerant root with great crunch. Uniform, attractive cylindrical roots with blunt ends and balanced sweetness that lasts well into storage. In our Northeast trials, tops stood strong against late season foliar diseases. Improved over Flyaway F1; less attractive to the Carrot Root Fly (*Psila rosea*) at all stages of growth. From the breeders at Tozer Seeds.

2330 Danvers 126 70 days

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

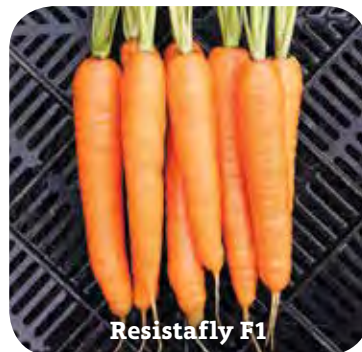
Reliable, stocky variety with broad shoulders and deep orange color. Bright orange conical roots with rugged tops strong enough to withstand being pulled. Displayed superior disease resistance in our trials and thrives in heavy soils. A great variety for canning, freezing, juicing and storing; had the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



Red Cored Chantenay



Scarlet Nantes



Resistaflly F1



Danvers 126



Naval F1



Miami F1



Negovia F1



Cupar F1



White Satin F1



Dolciva



Starburst Blend



Cosmic Purple

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.

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 carrotty 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

Hands-down winner in our storage taste tests! Great sweet flavor; juicy crunch and

incredibly long storage life. Grown on increasingly big acreage in Europe, we are delighted with this Swiss-bred variety. Slightly tapered roots have good uniformity, bright color and strong tops. Widely adapted and versatile for bunching or storage; 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" Nantes-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. Philip Simon and staff at the USDA ARS in Madison, Wisconsin in 2005.

2333 Starburst Blend 70 days

OP/HYBRID • **HMOs 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.



Red Cored Napoli, Danvers, Scarlet, Yaya F1, Chantenay, 126, Cupar F1, Nantes, Resistafly F1, Naval F1, Miami F1, Negovia F1, Dolciva, Bangor F1

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!

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	25 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	\$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	\$21.00	\$33.20	\$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	\$5.38/M	\$2.03/M	\$1.80/M	\$1.58/M	\$1.49/M	\$1.40/M
2327 Cupar FI	\$2.95	\$5.63/M	\$2.05/M	\$1.68/M	\$1.58/M	\$1.49/M	\$1.39/M
2328 Miami FI	\$2.95	\$5.35/M	\$1.92/M	\$1.61/M	\$1.50/M	\$1.40/M	\$1.30/M
2322P Napoli FI - Pelleted - (limited availability in 2020)	\$5.05	\$8.13/M	\$4.00/M	\$3.00/M	\$2.80/M	\$2.50/M	\$2.30/M
2322 Napoli FI	\$2.95	\$5.35/M	\$1.92/M	\$1.61/M	\$1.50/M	\$1.40/M	\$1.35/M
2342 Naval FI	\$2.95	\$5.35/M	\$1.92/M	\$1.61/M	\$1.50/M	\$1.40/M	\$1.35/M
2324 Negovia FI	\$2.95	\$5.35/M	\$1.92/M	\$1.61/M	\$1.50/M	\$1.40/M	\$1.35/M
2291 Resistafly FI	\$3.75	\$8.00/M	\$3.50/M	\$2.72/M	\$2.50/M	\$2.30/M	\$2.15/M
2326 White Satin FI	\$4.00	\$7.70/M	\$2.80/M	\$2.64/M	\$2.05/M	\$1.90/M	\$1.85/M
2336P Yaya FI - Pelleted - (unavailable in 2020)	\$4.95	\$7.98/M	\$3.30/M	\$2.73/M	\$2.45/M	\$2.36/M	\$2.20/M
2336 Yaya FI	\$2.95	\$4.85/M	\$1.92/M	\$1.61/M	\$1.50/M	\$1.40/M	\$1.30/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Why We GROW

“Farming allows me to conduct healing on so many levels—starting with myself. After my mother was murdered, I recognized that she was becoming the earth, therefore the earth literally became my mother. I grow to commune and heal with my mother and my ancestors, who's body's are now one with the earth. I grow to produce healing foods for communities who need them most. I grow to heal with Momma Earth by practicing regenerative agriculture to slow down climate change and reimagine this ancient food system. —Amber, urban farmer in New York”



“I grow because caring for our little piece of land is the way I know how to have positive agency within the context of climate change, corporatization of our food systems, and struggles for food and land access. Farming gives me hope for the future—even if a crop fails, I know I have still succeeded in building the soil for future growth. Knowing that I am a part of a diverse community of small farms doing our part to heal our own little corners, brings me joy, and a deep sense of responsibility to keep doing the work. —Erin of Fierce Love Farm, British Columbia”



Cauliflower

Brassica oleracea var. botrytis

Taylor harvesting Mardi F1 Cauliflower for a trials evaluation.

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 4-6 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-wrapping 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 Yellowing**, **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 • Self-wrapping • 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-wrapping 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. Out-performed 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	\$31.00	\$24.00/M	\$19.60/M	\$18.00/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	\$30.00	\$50.50	\$42.00/M	\$37.20/M	\$34.00/M
2312 Mardi F1	\$5.70	\$29.50	\$49.50	\$41.60/M	\$37.12/M	\$33.90/M
2318 Skywalker F1	\$5.40	\$27.80	\$49.00	\$40.00/M	\$35.20/M	\$30.50/M
2319 Veronica F1 Romanesco	\$5.75	\$38.25	\$62.75	\$54.00/M	\$49.20/M	\$46.00/M

Larger volumes available; please call for pricing.

Celery & Celeriac

Apium graveolens

Gorgeous Tango celery harvest at the trials fields of Bejo Seeds in Warmenhuizen, Netherlands.

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 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), preferentially in rotation with one another to prevent selection of resistant individuals.

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. Replaces 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.

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.



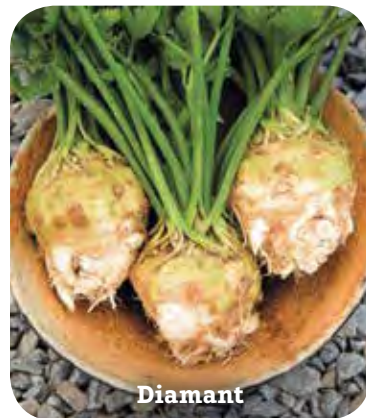
Merengo F1



Tango



Balena F1



Diamant

Why We
GROW

“If you want to see magic, go to a garden. —Catherine of Biophilicath, Phillipines”

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	\$12.40/M
2344 Tango	\$3.90	\$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	\$16.40/M	\$14.80/M
2398 Merengo F1 Celery	\$4.00	\$12.25	\$10.05/M	\$8.32/M

Larger volumes available; please call for pricing.

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

CELERY

Chard

Beta vulgaris

Jenn inspecting Improved Rainbow Blend chard in our trials fields.

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. 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



Improved Rainbow Blend



Orange



Ruby/Rhubarb Red

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.

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 are paid to the breeder.

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!

2352 **Orange** 30 days baby, 60 full size

OP • Narrow stems • Uniform color

Vivid, tangerine-colored stems contrast beautifully with deep green foliage. Stem color is uniformly bright orange with minimal streaking. Leaf and stem size are consistent with Ruby/Rhubarb and Silverado chards. Combine with Pink Passion for an irresistible punk rock bunch.

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.

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	\$12.00	\$30.00	\$27.00/lb
2350 Improved Rainbow Blend	\$2.95	\$6.65	\$11.50	\$21.70	\$73.50	\$67.00/lb
2352 Orange	\$2.95	\$4.35	\$5.85	\$13.00	\$46.00	\$40.00/lb
2351 Pink Passion	\$2.95	\$9.25	\$19.50	\$64.00	\$205.00	\$176.00/lb
2360 Ruby/Rhubarb Red	\$2.95	\$3.75	\$4.00	\$9.00	\$30.00	\$25.00/lb
2355 Silverado	\$2.95	\$5.50	\$9.75	\$22.00	\$75.00	\$70.00/lb

Larger volumes available; please call for pricing.

Collards

Brassica oleracea

Katie harvesting Georgia collards in our trials 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. Because the leaves are the edible portion, damage from insects may require greater control. Insect pests of the Lepidoptera order (cabbage

moths, imported cabbage worm, diamondback moths, etc.) can be controlled with *Bacillus thuringiensis* (Bt) and/or spinosad, preferentially in rotation with one another to prevent build-up of resistant individuals. Flea beetles cause damage by chewing small holes in the leaves and are most detrimental when plants are young; use row cover (make sure edges are sealed) or applications of OMRI-approved broad spectrum, neem, spinosad or capsaicin products to control populations.

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 cabbage-like 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.


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	\$11.75	\$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.

Why We
GROW

“ We grow because it's a chance at the end of our long work day away from each other to come together and harvest and create a meal with the harvest we get that evening. We plant seeds under a grow light, nurturing our seeds every night with our toddler, watering [and] singing songs. We have created a very nurturing child towards plants and that has extended into him being a nurturing human overall. It's exciting and it brings us together as a couple and family. We grow closer planning, planting, and harvesting together. ”

—Chelsey, gardener in Vermont

Corn

Zea mays

Taylor evaluates an abundant crop of Natural Bright XR F1.

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



Natural Bright XR F1



Mirage F1

new 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.

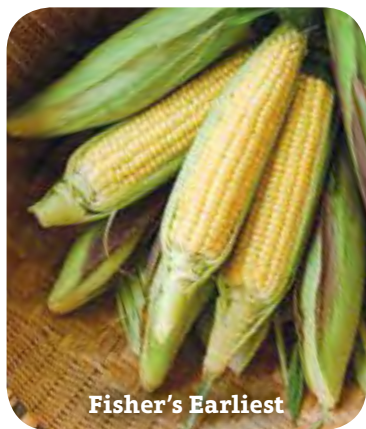
2378 Mirage F1 79 days

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 are paid to the breeder.

SWEET CORN, YELLOW



Fisher's Earliest



Natural Sweet XR F1

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.

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 are 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 are 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 are 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. Ears have an 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, and introduced in 2015. High Mowing is proud to be the exclusive producer of organic seed for this variety. A portion of the sales of this variety are 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.

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	25 lb*
2371 Dakota Black Popcorn	\$6.85	\$25.50	\$43.00	\$36.00/lb	\$30.60/lb
2375 Fisher's Earliest	\$4.60	\$17.35	\$30.10	\$25.50/lb	\$22.40/lb
2404 Painted Mountain Milling	\$5.50	\$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	\$21.00/M	\$19.40/M	\$18.50/M	\$18.30/M
2386 Natural Sweet XR F1 Sweet	\$6.00	\$25.00	\$21.00/M	\$19.40/M	\$18.50/M	

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more. **For 100M, add \$28. For 500M, add \$140.

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

Cucumbers

Cucumis sativus

Jenn harvests the prolific cucumbers growing in the High Mowing trials fields.

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. Greenhouse cucumbers are often 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.

CULTURAL INFO: 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 trelling 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**, **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 111 or go to highmowingseeds.com for more info.

EUROPEAN SLICER



Minime F1



Picolino F1



Socrates F1



Kalunga F1



Manny F1

new 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
Midsized 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 are paid to the breeder.

AMERICAN SLICER

new 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.

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.

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.

2434 **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 are paid to the breeder.

PICKLING

2422 **Calypso F1** 52 days

HYBRID • HR: **ALS, AN, CMV, PM, SCAB** • Gynoecious • 4" fruit

Exceptionally early, heavy yields of uniform, blocky fruits. Firm, 1" diameter cukes are great for pickling with excellent eating quality. Consistently the earliest, most productive cuke in our trials with an impressive disease resistance package! Vigorous gynoecious plants set only female flowers; Marketmore 76 is included for pollination.

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!



Tyria F1



Green Finger



Green 18 F1



Paraiso F1



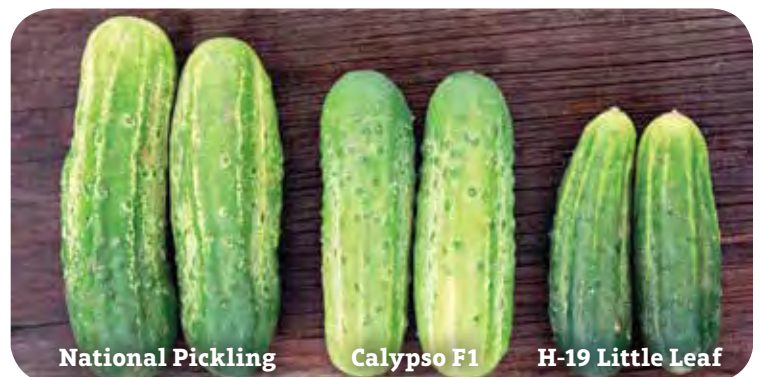
Marketmore 76



DMR 401



Adam F1



National Pickling

Calypso F1

H-19 Little Leaf



Poona Kheera



Silver Slicer



Suyo Long



Tasty Green F1



Boothby Blonde



Lemon

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 russeting 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 daysOP • 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. Though an heirloom, 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 are paid to the breeder. *Limited availability in 2020.*

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 straight fruit. Widely adapted and heat tolerant.

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 • 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. Great for large containers!

CUCUMBER SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb	25 lb
2420 Boothby Blonde	\$2.95	\$6.00	\$13.00	\$29.00	\$115.00	\$100.00/lb	\$86.00/lb
2434 DMR 401	\$2.95	\$6.00	\$11.50	\$25.00	\$90.00	\$85.00/lb	\$74.00/lb
2425 Green Finger	\$2.95	\$8.00	\$19.00	\$50.00	\$165.00	\$135.00/lb	\$120.00/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	\$5.10	\$12.00	\$35.75	\$33.70/lb	\$27.12/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 - (limited availability in 2020)	\$2.95	\$6.65	\$16.35	\$39.75	\$117.00	\$104.00/lb	\$86.68/lb
2435 Suyo Long	\$2.95	\$6.65	\$16.30	\$39.75	\$117.00	\$104.00/lb	\$86.68/lb

CUCUMBER SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2423 Adam F1	\$4.00	\$9.00	\$17.00	\$54.00	\$53.00/M	\$48.00/M
2422 Calypso F1	\$2.95	\$3.35	\$6.25	\$15.00	\$9.00/M	\$6.60/M
2436 Green 18 F1	\$4.10	\$9.50	\$30.45	\$89.75	\$80.60/M	\$73.40/M
2431 Kalunga F1	\$15.30	\$56.10	\$240.00	\$720.00	\$658.00/M	\$592.00/M
2419 Manny F1	\$4.10	\$9.50	\$30.45	\$89.75	\$80.60/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	\$83.65	\$275.00	\$255.00/M	\$244.80/M
2432 Picolino F1	\$8.50	\$26.00	\$99.00	\$325.00	\$280.00/M	\$260.00/M
2421 Socrates F1	\$8.95	\$34.75	\$130.00	\$380.00	\$303.00/M	\$272.00/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	\$715.00	\$680.00/M	\$632.00/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Eggplant

Solanum melongena

Monique harvests gorgeous eggplants in the High Mowing trials fields.

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.

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.

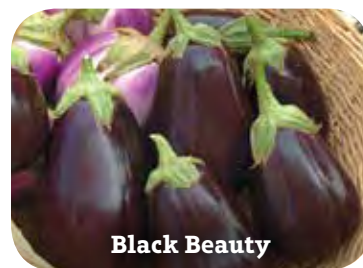
2473 Traviata F1 80 days

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.



Michal F1



Black Beauty



Traviata F1



Diamond



Little Finger



Piccolo F1



Ping Tung Long

SPECIALTY

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 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.

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; plants should be staked for straight fruit. No peeling required.



Rosa Bianca



Listada di Gandia



Annina F1

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 and can have lower yields in extreme northern areas 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 expect a hybrid to, but with the aesthetic and flavor of the most cherished heirloom. We have loved this specialty eggplant from the first time we saw it, before it had a name, and are delighted to offer it in our catalog. Beautiful Italian-type fruit offer gratifying harvests from vigorous plants with no spines. From Vitalis Organic Seeds.

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	\$6.00	\$14.00	\$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	\$62.00	\$205.00
2467 Ping Tung Long	\$2.95	\$10.00	\$22.70	\$53.25	\$172.75
2475 Rosa Bianca	\$2.95	\$8.10	\$12.00	\$35.00	\$125.00

EGGPLANT SEED - HYBRID - SOLD BY SEED COUNT

	10	50	100	250	1 M
2477 Annina F1	\$7.50	\$16.00	\$18.00	\$40.00	\$130.00
2468 Michal F1	\$6.10	\$12.60	\$19.55	\$29.00	\$95.00
2465 Piccolo F1	\$6.10	\$12.60	\$19.55	\$29.00	\$95.00
2473 Traviata F1	\$6.25	\$14.00	\$22.00	\$32.00	\$100.00

Larger volumes available; please call for pricing.

Grower Profile: Ferme du Coq à l'Âne Bury

High Mowing Customer Since: 2014 | Marilyn and Frédéric | Quebec



Frederic and Marilyn stand in front of their barn built in 1917.

THE PEOPLE

Frédéric and Marilyn are a dynamic duo whose passion for people and land brought them into agriculture. Frédéric, originally studying ecology, received a master's degree in agronomy and is very passionate about agroforestry and agroecology. If it were up to him, he'd probably cover their 43 hectares of available farmland in trees. He loves to work with the thriving ecosystem that houses their farming operation in hopes of making it more resilient. Frédéric is primarily responsible for planning crop rotations and field management. Marilyn is motivated by issues related to food sovereignty. She feels passionately about bringing fresh, local foods into food deserts in big cities and improving people's access to whole foods. Marilyn uses her voice as the farm communications manager to celebrate the achievements of women in agriculture. She works to develop partnerships with humanitarian organizations that make their farm share baskets available to those in need.

THE PRODUCT

Marilyn and Frédéric bought their 43-hectare property in 2015. Of the 43 hectares they own, 5 hectares are used to grow vegetables and fruits. Livestock sustained on grass occupy 10 hectares and the remaining 27 hectares are forested. A beautiful stand of mature cedar and fir trees make up much of the forested acreage along with a maple grove housing 400 taps. The farm has a large pond and many farm buildings including a majestic old barn built in 1917. There are 4 greenhouses on the property that extend the summer season, allowing crops like tomatoes, cucumbers, eggplant, and peppers to have a longer harvest season.

THE STATS

5 hectares vegetables and fruits
5 farming seasons
4 high tunnels
1 organic certification
400 maple syrup taps
365 days a year

Fennel

Foeniculum vulgare

Excellent bulbs of Solaris F1 fennel pulled from the Bejo Seeds showcase fields during their Open Days Event in the Netherlands.

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 which 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.

2480 Florence 80 days full size

OP • Good for fronds • Spring crop • 2-3" bulbs

The best known Fennichio, loved for its sweet aroma and edible foliage. Prized for its tender, aromatic foliage which can be used like leaf fennel. Bulbs do not fill out as much as standard fennel. Wonderful fragrance comes from increased levels of anethole, an aromatic compound also found in anise.

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



Finale



Preludio F1



Orion F1



Florence

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	\$8.65	\$30.60	\$148.00	\$262.00
2480 Florence	\$2.95	\$4.70	\$18.75	\$64.75	\$105.00

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	\$10.60	\$18.25	\$16.00/M	\$13.80/M
2479 Solaris F1	\$2.95	\$15.75	\$25.00	\$23.00/M	\$21.00/M

Larger volumes available; please call for pricing.

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

FENNEL

Garlic

Allium sativum

Healthy crop of Zemo garlic maturing at the High Mowing Organic Seed farm.

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, 2020.

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

HARDNECK

86750 Georgian Crystal

OP • Porcelain-type • 4-6 cloves

Magnificent large bulb porcelain-type adaptable to many climates. Will even do 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!

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.

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.

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.

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.

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.



Georgian Crystal



Music



Zemo



Chesnok Red



Metechi



Spanish Roja



Killarney Red

SOFTNECK

86100 Incheilium 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 a native population in Washington State and found 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.



Incheilium Red



Lorz Italian



Nootka Rose



Silver White

GARLIC - SOLD BY SEED WEIGHT

	1 lb	5 lb	25 lb*
86400 Chesnok Red	\$21.50	\$21.00/lb	\$18.20/lb
86750 Georgian Crystal	\$21.50	\$21.00/lb	\$18.20/lb
86100 Incheilium Red	\$21.50	\$21.00/lb	\$18.20/lb
86150 Killarney Red	\$21.50	\$21.00/lb	\$18.20/lb
86250 Lorz Italian	\$21.50	\$21.00/lb	\$18.20/lb
86300 Music	\$21.50	\$21.00/lb	\$18.20/lb
86600 Nootka Rose	\$21.50	\$21.00/lb	\$18.20/lb
86450 Silver White	\$21.50	\$21.00/lb	\$18.20/lb
86700 Spanish Roja	\$21.50	\$21.00/lb	\$18.20/lb
86550 Zemo	\$21.50	\$21.00/lb	\$18.20/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

GARLIC

Grower Profile: Let It Grow Farm

High Mowing Customer Since: 2016 | Morgan and Josh | New Jersey



Morgan (left) and Josh (right) stand among freshly cultivated crops at their certified organic farm in Chester, New Jersey.

THE PEOPLE

"Our mission is to produce great tasting, healthy produce with minimal impact on the environment. All our produce is grown sustainably at Larison's Turkey Farm, a historic landmark in Chester, New Jersey as well as a satellite location in beautiful Pohatcong Township. By using minimum tillage, bio-intensive practices and never using GMO seed each year, our soil becomes richer." In 2018 founder Josh Chaffee partnered with fellow farmer Morgan Hess. Both students of Elliot Coleman's New Organic Grower and Jean Martin-Fortier's The Market Gardener, their partnership is based upon a mutual passion for growing gourmet quality produce for the Morris County area. "Our advice to beginning farmers is to take one day off a week."

THE PRODUCT

"Shishito Pepper, Cippolini Onion, Watermelon Radish, Klondike Blue Watermelon, and Sakura Cherry Tomato are our favorite varieties. Chefs ask for certain varieties by name and High Mowing has those tasty, unique varieties. Sakura tomatoes are great in a greenhouse environment. They thrive in our no-till/low-till compost mulch system. Field or greenhouse Sakura's are a reliable producer that allow us to have consistent supply for our customers all season."

THE STATS

- 1.5 acres
- 9 farming seasons
- 3 points of distribution (CSA, restaurants, and health food stores)
- 1 organic certification

Greens, Asian & Mustard

Brassica spp.

Laura, Brendan, Colleen and Charles scouting Red Lace seed crop for foliar disease.

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

ASIAN GREENS - *B. rapa*



Komatsuna



Mizuna



Purple Mizuna
(baby leaf left, fullsize right)



Tokyo Bekana



Vitamin Green



Tat Soi



Vivid Choi Pac Choy



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

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.

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.

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.

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 a long harvest bunching green with solid white midribs and an exceptionally tender leaf texture. *Limited availability in 2020.*

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.

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.

2487 **Vivid Choi Pac Choy** 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 are paid to the breeder. A portion of the sales of this variety are paid to the breeder. *Limited availability in 2020.*

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.

2514 Shanghai Green Pac Choy 45 days

OP • Uniform shape • 5-6" tall

The best open-pollinated baby pac choy 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 choy, 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, a California-based seed company specializing in Asian vegetable seeds.

2515 White Stemmed Pac Choy 25 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.

2513 Prize Choy 50 days

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 pac choy 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.



Yukina Savoy



Shanghai Green Pac Choy



White Stemmed Pac Choy



Prize Choy

MUSTARD GREENS - *B. juncea*

new 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 and 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 are paid to the breeder.

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!

2486 Garnet Giant 21 days baby, 45 full size

OP • Essential salad leaf • Spicy mustard flavor

Stunning, vibrant maroon leaves with bright lime green stems—our darkest red leaf! 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.



Red Lace Ruby Streaks



Golden Frill Green Wave



Garnet Giant Red Giant



Ruby Streaks



Garnet Giant

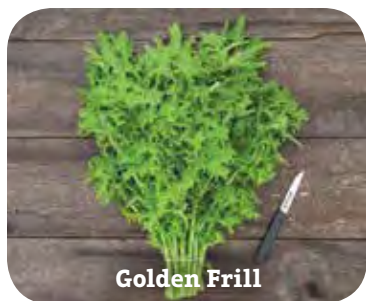
GREENS

FRILLS WITH BITE: RED LACE MUSTARD

When looking for a green to bring excitement, nuance, and sensational flavor to microgreens and salads, Red Lace mustard is an excellent choice. Not only is it easy to grow and prosperous in varying conditions, it is also delicious and compelling to the palate. A beautiful addition to your greens offerings, Red Lace mustard is memorable and brings a little magic to every spicy bite. High Mowing is proudly producing this variety as organically grown seed for the first time thanks to our partnership with CN Seeds.

- **Reddish purple frills** with loft and a complex, spicy flavor
- **Sturdy, intricate leaf structure** that sheds water when washed
- Excellent **microgreen or baby leaf green**
- **Easy to grow & harvest**, resilient plants that are productive & adaptable





Golden Frill



Green Wave



Red Giant



Wasabina

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.

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.

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 mustard flavor increases with maturity. Use full sized leaves for stir-fries, soups and pickling.

new 2503 Wasabina 45 full size

OP • Spicy wasabi flavor • Slow to bolt • Cold tolerant

Beautiful light green frills with sweet and spicy, wasabi flavor. At maturity, 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.

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	25 lb*
2486 Garnet Giant Mustard Greens	\$2.95	\$4.10	\$7.00	\$14.70	\$49.00	\$86.75	\$82.00/lb	
2498 Golden Frill Mustard Greens	\$2.95	\$6.10	\$9.10	\$18.65	\$52.80	\$90.20	\$81.40/lb	
2485 Green Wave Mustard Greens	\$2.95	\$3.50	\$5.25	\$15.00	\$40.00	\$70.00	\$60.00/lb	\$52.00/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	\$3.45	\$4.10	\$8.75	\$20.50	\$38.00	\$35.00/lb	\$31.40/lb
2513 Prize Choy Pac Choy Asian Greens	\$2.95	\$3.50	\$5.50	\$20.00	\$45.00	\$80.00	\$70.00/lb	
2491 Purple Mizuna Asian Greens	\$2.95	\$5.55	\$7.10	\$22.50	\$54.00	\$85.50	\$82.15/lb	
2505 Red Giant Mustard Greens	\$2.95	\$3.15	\$4.40	\$9.00	\$26.00	\$43.10	\$39.00/lb	\$34.00/lb
1750 Red Lace Mustard Greens	\$2.95	\$4.00	\$7.00	\$11.00	\$34.00	\$55.00	\$48.00/lb	\$42.20/lb
2506 Ruby Streaks Mustard Greens	\$2.95	\$3.20	\$4.75	\$15.00	\$40.00	\$64.00	\$57.00/lb	\$53.00/lb
2514 Shanghai Green Pac Choy	\$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 - (limited availability in 2020)	\$2.95	\$3.25	\$5.50	\$15.50	\$47.00	\$76.00	\$70.00/lb	
2502 Vitamin Green Asian Greens	\$2.95	\$7.00	\$10.00	\$25.00	\$75.00	\$110.00	\$90.00/lb	
2487 Vivid Choi Pac Choy Asian Greens - (limited availability in 2020)	\$2.95	\$5.30	\$8.00	\$21.25	\$51.25	\$92.00	\$87.50/lb	
2503 Wasabina Asian Greens	\$2.95	\$4.00	\$7.00	\$11.00	\$34.00	\$55.00	\$48.00/lb	\$42.20/lb
2515 White Stemmed Pac Choy Asian Greens	\$2.95	\$3.45	\$4.25	\$10.00	\$18.00	\$30.00	\$26.00/lb	\$22.00/lb
2493 Yukina Savoy Asian Greens	\$2.95	\$4.95	\$7.50	\$20.00	\$48.00	\$76.00	\$73.00/lb	

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

DELICATE WITH SPICE: WASABINA



For the flavor seekers of the world, Wasabina is a one stop shop for introducing the invigorating zest of Wasabi, the root of Japanese Horseradish, to culinary creations in the form of an easy to grow, leafy green. Beautiful green frills are light and airy, making Wasabina a tender, textural experience that is as exciting as it is delightful. Whether steamed or sautéed, or eaten as a microgreen, these frills pack a punch unlike any other mustard and its unique flavor and durability in the field are bound to make it a new favorite in the crop rotation.

- **Upright plants** are easily harvested manually or mechanically
- Beautifully lobed leaves maintain succulent **texture & loft** for bigger bags
- **Excellent flavor** with subtle spice—a favorite in our taste tests!

Greens, Salad Mixes



Sara Schlosser of Sandiwood Farm in Wolcott, Vermont harvesting a beautiful crop of our Yankee Hardy Lettuce Blend.

CULTURAL INFO: Days to maturity are from direct seeding. Salad mixes, usually containing both lettuces and brassica greens, 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: 15-30M (20M avg) seeds/oz, 240-480M (320 avg) seeds/lb. M=1,000. 1/32 oz approx. 600 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.



Gemstone Greens Blend

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.



Hotshot Mix

2517 Mild Mustard Blend 21 days

OP • **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.



Mild Mustard Blend



DMR Salad Blend

2615 DMR Salad Blend 28 days

OP • **HMOS EXCLUSIVE** • HR: DM (most varieties resistant to races 1-32)

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 days

OP • **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.



Gourmet Lettuce Blend



Mesclun Mix

2620 Mesclun Mix 28 days

OP • **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 days

OP • **HMOS EXCLUSIVE** • Bright red to deep purple lettuces with a few green lettuces

A stunning all-lettuce mix of spectacular reds and a few greens for contrast. 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!



Red Planet Blend



Yankee Hardy Lettuce Blend

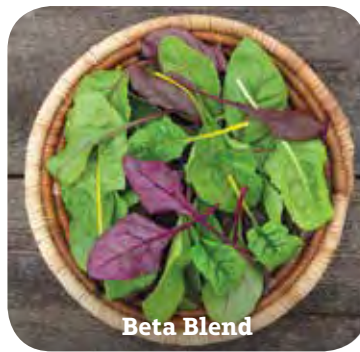
2584 Yankee Hardy Lettuce Blend 28 days

OP • **HMOS EXCLUSIVE** • HR: DM (most varieties resistant to races 1-17) • 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.



Ironman Kale Mix



Beta Blend

2516 **Ironman Kale Mix** 30 days

OP • **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 days

OP • **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
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, Specialty

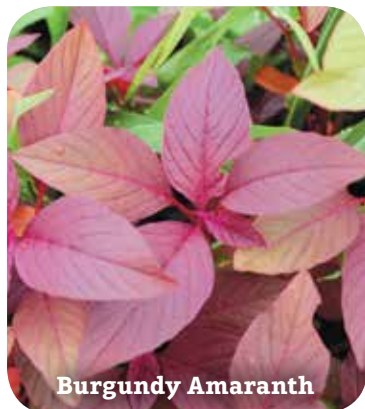
Chelsey of Bejo Seeds evaluates a lush crop of Leonardo FI Radicchio at the Bejo Open Days Event.

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.

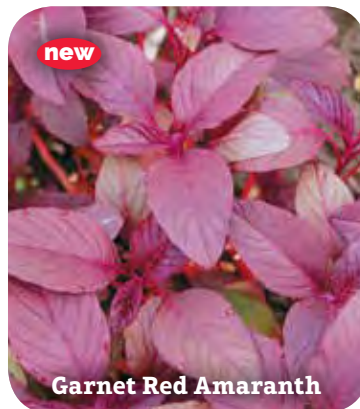
RESISTANCE KEY: IR-Intermediate Resistance, **DM-Downy Mildew**

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.



Burgundy Amaranth



Garnet Red Amaranth

AMARANTH - *Amaranthus tricolor*

1999 **Burgundy** 50 days salad size

OP • Edible and ornamental • 6-8' tall plants when mature

Versatile, easy-to-grow variety for microgreens, salad mixes, bouquets and nutritious grains. Tasty deep red cotyledons and true leaves are similar to spinach in flavor and delicious steamed. Mature plants produce attractive maroon plumes gorgeous in ornamental bouquets. Let it go to seed and watch the birds come to feast. See pages 40-41 for microgreen photo and pricing.

new 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.

ARUGULA

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. *Eruca sativa*

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 Seeds. *Eruca sativa*

new 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 are paid to the breeder. *Eruca sativa*

2012 **Grazia** 50 days

OP • Very heat and cold tolerant • Slow to bolt

Improved Sylvetta-type with fiery flavor that holds better after harvest. Grazia has the same small, finely serrated leaves as wild arugula, but is noted for its superior performance under both warm and cold growing conditions. A slow growing variety that stays low to the ground. *Diplotaxis tenuifolia*. Limited availability in 2020.

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. *Diplotaxis tenuifolia*. Limited availability in 2020.

new 1947 **Bellezia** 21 days baby, 51 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. *Diplotaxis tenuifolia*

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.

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 line the tender stems, each of which ends with a tiny white edible flower. Ideal for winter hoopouses; will survive frost and multiple cuttings.

ENDIVE

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

OP • Baby or full sized leaves

Frisly 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. *Cichorium endivia*



Astro Arugula



Esmee



Uber



Grazia Arugula



Sylvetta Wild Arugula



Bellezia



Early Wonder Tall Top
Beet Greens



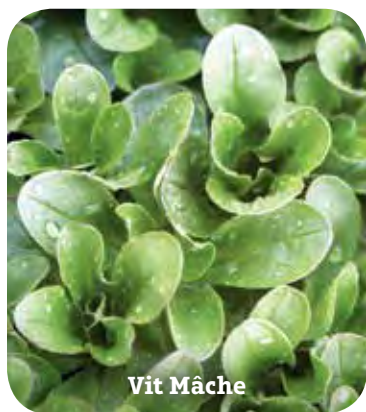
Bull's Blood Beet Greens



Claytonia



Frissé Endive



Vit Mâche



Virtus F1



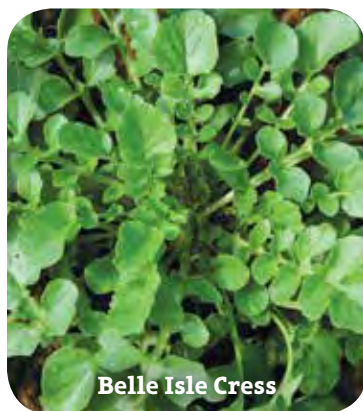
Fiero F1



Leonardo F1



Hong Vit Radish Greens



Belle Isle Cress

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 hoop/crop tolerating cool, moist conditions and downy mildew. From our partners at the Swiss biodynamic seed company Sativa.

RADICCHIO - *Cichorium intybus*

1987 **Virtus F1** 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.

1986 **Fiero F1** 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.

1992 **Leonardo F1** 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.

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.

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.

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	25 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	\$32.00	\$103.00	\$185.00	\$150.00/lb	\$124.00/lb
2260 Bull's Blood Beet Greens	See beet section on p.8 for sizes and prices							
1999 Burgundy Amaranth	\$2.95	\$5.00	\$13.00	\$30.00	\$73.00	\$115.00		
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 on p.8 for sizes and prices							
2013 Esmee Arugula	\$2.95	\$3.35	\$5.10	\$10.25	\$19.35	\$29.00	\$21.00/lb	\$16.40/lb
1970 Frisse Endive	\$2.95	\$4.20	\$6.00	\$12.60	\$39.90	\$75.60		
1760 Garnet Red Amaranth		\$2.95	\$8.00	\$18.00	\$22.00	\$55.00	\$45.00/lb	\$34.00/lb
2012 Grazia Arugula - (limited availability in 2020)	\$2.95	\$4.50	\$11.00	\$25.00	\$80.00	\$125.00	\$116.00/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	\$23.00	\$76.00	\$115.00	\$99.40/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 - HYBRID - SOLD BY SEED COUNT

	100	500	1 M	5 M	25 M
1986 Fiero F1 Radicchio	\$6.80	\$25.00	\$44.75	\$41.00/M	\$34.00/M
1992 Leonardo F1 Radicchio	\$6.95	\$26.25	\$44.00	\$41.80/M	\$36.90/M
1987 Virtus F1 Radicchio	\$7.50	\$29.25	\$54.50	\$48.00/M	\$44.20/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Greens, Sprouts

Alfalfa Sprouts ready to add to a meal.

CULTURAL INFO: Sprouts are tiny, immature plants grown without soil through a process of soaking and rinsing with water. These are the first certified organic and Non-GMO Project Verified sprouting seeds available in the U.S. and 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.

SPROUTING SUPPLIES

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**

94795 Sprout Master™ Mini Triple Sprouter

Sprouts are made simple with this easy-to-use multi-tray sprouter. Includes 3 stacking trays that measure 5" x 6" x 2". Removable divider enables smaller crops or more varieties in one planting. Trays store conveniently in fridge with lid. Easy disassembly for cleaning. Sprouts stay crisp and never sour or brown. Sprouting instructions provided. Made from high impact polystyrene plastic #478. **\$45.00**



Sprout Jar Lid



**Sprout Master™
Mini Triple Sprouter**



Alfalfa



Ancient Eastern Blend



Broccoli Blend



Broccoli



Crunchy Bean Mix



Fenugreek



Mung Bean



**Sandwich
Booster Mix**



Spicy Salad Mix

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	
1703 Crunchy Bean Mix	Tasty blend of peas, lentils and garbanzos for stir-fries, soup garnishes and more.		\$4.95
1704 Fenugreek	Large, vigorous sprouts with unique flavor popular in Indian cuisine.		\$4.95
1728 Mung Bean	A popular sprout used extensively in Asian cuisine with juicy, succulent texture.		\$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

Greens, Micro & Shoots

Ev and Liz of Kula Farm in Asbury Park, NJ with a lush crop of organic pea shoots.

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: 10" x 20" 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



Lacinato Kale



Garnet Red Amaranth



Golden Chard



Green Chard



Green Kale



Green Wave Mustard



Mizuna



Pac Choy



Purple Kohlrabi



Purple Sango Radish



Red Acre Cabbage



Red Beet



Red Chard



Red Lace Mustard



Red Mustard



Red Russian Kale



Ruby Streaks Mustard



Wasabina Mustard



Pea



Popcorn



Spicy Mix



Sunflower



Wheatgrass



Mild Mix



Silk Road Mix

GREENS - MICRO - SOLD BY SEED WT	DESCRIPTION	DAYS TO MATURITY	1/4 lb	1 lb	5 lb	25 lb
2010-QMG Arugula	Spicy long, rounded green leaves	16-25	\$9.85	\$23.00	\$20.60/lb	\$19.35/lb
5000-QMG Basil	Half-circle shaped leaves, short stem	16-25	\$13.00	\$38.00	\$33.00/lb	\$26.00/lb
1734-QMG Broccoli	Mild succulent white stems with dark green leaves	10-15	\$8.00	\$19.00	\$17.00/lb	\$15.40/lb
5050-QMG Cilantro	Mild light green leaves and white stems	16-25	\$8.00	\$15.00	\$12.00/lb	\$10.00/lb
1740-QMG Collards	Mild dark green leaves and green stems	10-15	\$32.00	\$85.00	\$77.00/lb	\$60.00/lb
1745-QMG Daikon Radish	Spicy green leaves with white stems	10-15	\$5.65	\$11.00	\$9.20/lb	\$7.36/lb
1760-QMG Garnet Red Amaranth	Mild fuschia-colored leaves and stems	16-25	\$22.00	\$55.00	\$45.00/lb	\$34.00/lb
2345-QMG Golden Chard	Mild narrow green leaves and gold stems	16-25	\$20.80	\$63.70	\$58.50/lb	\$54.00/lb
2343-QMG Green Chard	Mild narrow green leaves and pale pink stems	16-25	\$12.00	\$30.00	\$27.00/lb	\$31.00/lb
1736-QMG Green Kale	Mild dark green leaves and white stems	10-15	\$15.00	\$45.00	\$39.00/lb	\$29.00/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	\$21.00	\$58.00	\$49.00/lb	\$42.00/lb
1730-QMG Mild Mix	Mild, attractive blend of textures and colors	10-25	\$11.50	\$36.50	\$32.90/lb	\$28.00/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
1739-QMG Purple Kohlrabi	Spicy deep purple-green leaves and purple stems	10-15	\$9.00	\$28.00	\$25.00/lb	\$22.56/lb
1737-QMG Purple Sango Radish	Mild bright green leaves and purple stems	10-15	\$12.00	\$36.00	\$30.00/lb	\$28.40/lb
1738-QMG Red Acre Cabbage	Mild emerald green leaves with bright purple stems	10-15	\$12.00	\$38.00	\$33.00/lb	\$25.00/lb
2290-QMG Red Beet	Mild narrow green leaves and magenta stems	16-25	\$7.10	\$18.35	\$16.10/lb	\$15.40/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 new	Solidly reddish, purple leaves with great spice and texture	10-15	\$17.00	\$55.00	\$48.00/lb	\$42.00/lb
2505-QMG Red Mustard	Spicy green leaves with purple veins and highlights	16-25	\$16.00	\$43.10	\$39.00/lb	\$34.00/lb
2530-QMG Red Russian Kale	Mild green/purple leaves and lavender stems	10-15	\$10.00	\$28.00	\$25.00/lb	\$22.40/lb
2506-QMG Ruby Streaks Mustard	Green leaves with a mild spice and purple hues	10-15	\$27.00	\$64.00	\$57.00/lb	\$53.00/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	\$16.00	\$52.00	\$47.00/lb	\$38.00/lb
2503-QMG Wasabina Mustard new	Bright green leaves with a refreshing wasabi spice	10-15	\$17.00	\$55.00	\$48.00/lb	\$42.20/lb
SHOOTS - SOLD BY SEED WEIGHT	DESCRIPTION	DAYS TO MATURITY	1/4 lb	1 lb	5 lb	25 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 55 for individual items weighing 25 lbs or more.

Why We GROW

“ Growing and observing microgreens is like watching a miracle everyday. It never ceases to amaze us how a tiny seed grows into this beautiful, thriving plant, whether microgreen or full size. The plants remind us of the spectacular processes of #nature going on around us all the time, even if we don't think about it. Growing your own vegetables is a way to stay connected to the #soil and experience something amazing as you work with the environment. Not to mention you get some great food with a taste you won't get any other way. ”

—Bronte & Candy of Girly Girl Greens, Washington

Kale

Brassica spp.

Desire of West Bend, Wisconsin enjoys an abundant harvest of a variety of kales including Meadowlark, Darkibor FI, Scarlet and Dazzling Blue.

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, preferentially in rotation with one another to prevent build-up of resistant individuals. Kale can be affected by Black Rot, caused by the bacterium *Xanthomonas campestris* and clubroot, caused by the soil borne fungus *Plasmodiophora*. 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

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. Our strain has very smooth baby leaves. *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 are paid to the breeder. *B. napus*

2516 **Ironman Kale Mix** 30 days

See Greens, Salad Mixes, page 36.

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. One of our most tender kale varieties; 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* *pubularia*

2524 **Siber-Frill** 60-70 days

OP • OSSI • Specialty variety • Cold-hardy • 24" tall

Intensely cut and curled, lacy blue green leaves with tender texture. Delicious cooked, as a beautiful garnish, or for adding loft to raw salads. Eye-catching frills increase with age. Selected by Jonathan Spero at Lupine Knoll Farm in Oregon and released under the Open Source Seed Initiative. *B. napus*

Red Russian

White Russian

Ironman Kale Mix

Lacinato

Dazzling Blue

Siberian

Siber-Frill

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. This variety is available as organic seed from 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*

2542 Curly Roja 55 days

HEIRLOOM • Edible and ornamental • 18-36" plants

The first organically available curly red kale! 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 are paid to the breeder. *B. oleracea*. Limited availability in 2020.

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
2520 Lacinato	\$2.95	\$4.50	\$7.00	\$13.00	\$35.00	\$58.00	\$49.00/lb
2530 Red Russian	\$2.95	\$3.25	\$4.00	\$7.00	\$18.00	\$28.00	\$25.00/lb
2531 Scarlet - (limited availability in 2020)	\$2.95	\$4.50	\$8.75	\$15.90	\$42.00	\$58.00	\$49.00/lb
2535 Siberian	\$2.95	\$4.75	\$10.00	\$19.00	\$43.00	\$78.00	\$68.00/lb
2521 Vates	\$2.95	\$3.40	\$4.25	\$8.50	\$28.00	\$45.00	\$39.00/lb
2528 White Russian	\$2.95	\$5.00	\$9.00	\$20.00	\$63.00	\$100.00	\$85.00/lb
KALE SEED - OPEN-POLLINATED - SOLD BY SEED COUNT	50	250	1 M	5 M	25 M		
2542 Curly Roja	\$2.95	\$3.50	\$7.50	\$3.60/M	\$2.80/M		
2534 Dazzling Blue	\$2.95	\$3.45	\$7.25	\$3.50/M	\$2.75/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		
2524 Siber-Frill	\$2.95	\$3.30	\$5.00	\$2.40/M	\$1.80/M		
2526 Westlander	\$2.95	\$3.75	\$8.00	\$5.60/M	\$4.20/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	\$32.00	\$27.60/M	\$23.80/M		

Larger volumes available; please call for pricing.

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

Kohlrabi

Brassica oleracea var. *gongylodes*

Taylor, Jen, Laura and baby Walter, Sarah, and Maggie sport the new Korist F1 kohlrabi.

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 4-6 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. 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



Kossak 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; now from Sativa Seeds.

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

new 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.

new 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 53 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.

2306 Kossak F1 80 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.

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
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	\$4.85	\$26.50	\$42.00	\$35.00/M	\$31.00/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.



Chesley and Jason of Bejo Seeds evaluating a beautiful leek crop sizing up at the Open Days event in Warmenhuizen, 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

2699 King Richard 75 days

OP • Summer/fall crop • Easy to clean

Early, popular full sized leek with long, slender shaft. Tall, upright plants have shafts that are very straight with sweet, mild flavor. Uniform shafts have practically no bulbing, making them extremely easy to clean. Plant for summer or early fall harvests. Tolerates light frosts.

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

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

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 Vitalis Organic Seeds.



King Richard



Alto



Chinook F1



Comanche F1



Bandit

FALL/WINTER

new 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 days

OP • 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.



Takrima F1



Runner F1



Tadorna

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 days

HYBRID • 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.

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	\$6.65/M	\$5.72/M	\$5.10/M	\$4.75/M
2694 Tadorna	\$2.95	\$7.15	\$6.00/M	\$5.32/M	\$4.90/M	\$4.55/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	\$200.00
2699 King Richard	\$3.50	\$8.45	\$13.30	\$48.00	\$113.00	\$210.00

LEEK SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M
2701 Chinook F1	\$5.75	\$40.80	\$29.60/M	\$25.40/M	\$22.50/M	\$20.80/M
2698 Comanche F1	\$5.95	\$43.00	\$30.40/M	\$25.60/M	\$25.00/M	\$21.50/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	\$29.60/M	\$25.40/M	\$22.50/M	\$20.80/M

Larger volumes available; please call for pricing.



Show your High Mowing Spirit

Megan, Kara and Jacob from Full Moon Farm sporting High Mowing apparel.



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.

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 94942 **Harvest Knife** \$8.55

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.

Lettuce

Lactuca sativa

Brian and the crew from Paradise Fields in Hamilton, Ontario harvest Eazyleaf lettuces Brentwood, Hampton, Ezrilla and Stanford.

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, MTO-10, MTO-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 / MTO-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. Pelleted seed only. See single leaf photo on p. 51.

new 2619P **Burgandy** 55 days

OP • HR: **DM (1-9) / MTO-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. This eye-catching lettuce is not only a stunning addition to our Eazyleaf lettuces, it is also pleasing to the palate with tender leaves and a delicate, enjoyable flavor. From our partners at Vitalis Organic Seeds. Pelleted seed only. See single leaf photo on p. 51.

2612P **Hampton** 55 days

OP • HR: **APH, DM (16-32), TB, TBSV** / IR: **LMV / MTO-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. Pelleted seed only. See single leaf photo on p. 51.

2614P **Brentwood** 57 days

OP • UP • HR: **APH, DM (16-32), FW / MTO-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. See single leaf photo on p. 51.

2611P **Buckley** 57 days

OP • UP • HR: **APH, DM (16-32), TBSV / MTO-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. See single leaf photo on p. 51.

2618P **Stanford** 57 days

OP • HR: **APH, DM(16-33), TBSV / MTO-30**

Compact rosettes offer uniform leaves that are dark red on top and green at the base. An amazing plant structure that makes custom lettuce mix production a breeze: Stanford offers the leaf shape and texture of a tender butterhead, but has the added benefit of truly upright growth, similar to a mini romaine. Easy to harvest and a great addition to a mix due to its dual coloring. Replaces Ezbruke. Pelleted seed only. See single leaf photo on p. 51.



Ezrilla



Burgandy



Hampton



Brentwood



Buckley



Stanford

LETTUCE



Truchas



Newham



Spretnak



Pomegranate Crunch



Red Mist



Red Tide



Vulcan



Dark Lollo Rossa



New Red Fire



Black Seeded Simpson

MINI ROMAINE

new 2626P Truchas 42 days full size
OP • UP • HR: **DM (16-33), TBSV** / IR: **LMV / MTO-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 hearts in each upright, cylindrical head. Good uniformity and structural integrity for ease of washing. Pair with Spretnak or Newham for an eye-catching combination! Replaces Rhazes. From Vitalis Organic Seeds. Available as pelleted seed only.

2576 Newham 45 days full size
OP • UP • HR: **APH, DM (16-21, 23-26, 28-32), LRA** / IR: **CR, LMV / MTO-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.

2581 Spretnak 45 days full size
OP • HR: **DM (16-21, 23-26, 28-32), LRA** / IR: **FW / MTO-30** • Spring/fall crop
Very attractive glossy green leaves packed in dense mini rosettes—a favorite in our trials! Smooth outer leaves and blanched tender hearts; compact heads smaller than Tin Tin. Very heat tolerant but best early and late in season. From our partners at Vitalis Organic Seeds. Available as raw and pelleted seed.

2569P Pomegranate Crunch 50 days full size
OP • UP • HR: **DM (16-27, 29, 32), TBSV / MTO-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. Available as pelleted seed only.

RED LEAF

new 2577 Red Mist 40 days full size
OP • UP • HR: **DM (1-9)** / IR: **CR / MTO-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.

2604 Red Tide 28 days baby, 48 full size
OP • IR: **BR, TB / MTO-10** • Grows upright at 10" spacing
Heavy heads with long, dark green leaves and brick red margins really pack a box! Hefty heads tend to sit flat but when spaced closely at 10-12" will be more upright. When other varieties in our trials were getting hammered with bottom rot, Red Tide stood strong. See baby leaf photo on page 53.

2608 Vulcan 50 days full size
OP • **MTO-10** • Colorful, crisp heads • Bolt resistant
Bright red leaf tips with apple-green interior. Slight Batavian characteristics lend this variety crispness and improve its shelf life after harvest. Also holds well in the field and resists bolting and tip burn better than many varieties. Similar to Red Sails, with more vibrant color.

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 53.

2594 New Red Fire 55 days full size
OP • IR: **BR, DM, TB / MTO-10** • 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 53.

2563 Waldmann's 28 days baby, 49 full size

OP • IR: **TB / MTO-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 53.

2567 Two Star 50 days full size

OP • **MTO-10** • 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 (I-18) / MTO-10** • Popular for baby leaf • Bolt resistant

Vibrant green summer lettuce with shiny ruffled leaves and great heat tolerance. An ideal all-season lettuce, offering high quality even through the heat of the summer. Tender, textured baby leaves add great loft to salad mixes. A consistent standout in our green leaf trials! See baby leaf photo on page 53. Available as raw and pelleted seed.

2629 Tropicana 52 days full size

OP • IR: **CR / MTO-30** • Heat and bolt tolerant

High quality, full heads showed an outstanding performance in trials across the country. Vibrant green color and uniform leaves that retain crispness and flavor throughout the season. Our trials showed this workhorse variety to be a top overall performer in a dry, hot year. From Vitalis Organic Seeds.

RED OAK LEAF

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. A popular ingredient in salad mixes but also suitable for heads. Versatile for all-season use, with best color in cooler weather. Displayed field tolerance to fall mildews in our trials. See baby leaf photo on page 53.

2548 Cantarix 55 full size

OP • HR: **APH, DM (16-26, 28, 32), TBSV / MTO-30** • Upright growth • Spring/fall crop

Large heads with dark red, lightly savoyed leaves that taper to a lime green center. Dense heads with upright growth provide a nice complement to the green oak leaf, Encino. Deep red coloring adds a nice contrast to market offerings and the sweet, buttery leaves have excellent flavor. From Vitalis Organic Seeds.

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 oaky shape and larger lobes than Red Salad Bowl; larger, tighter heads than Oscarde. See baby leaf photo on page 53.

GREEN OAK LEAF

2558 Tango 32 days baby, 40-55 full size

OP • Excellent baby leaf variety • Compact

Deeply lobed and frilly blanched 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 53.

2540 Sandy 21 days baby, 50 full size

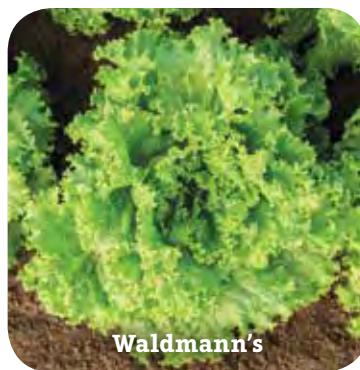
OP • IR: **TB** • Versatile • Bolt resistant • Formerly called Regal Oak

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 53.

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 53.



Waldmann's



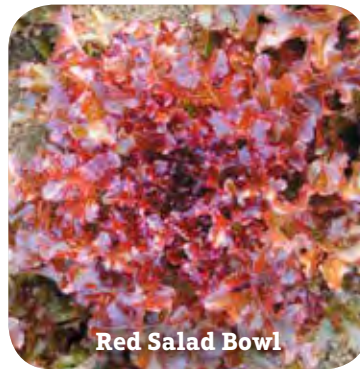
Two Star



Green Star



Tropicana



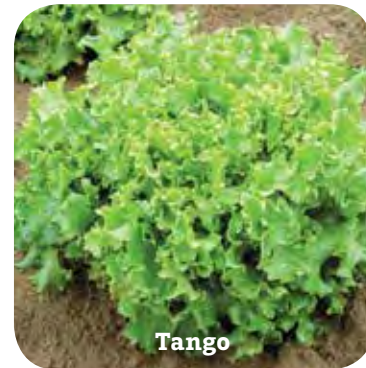
Red Salad Bowl



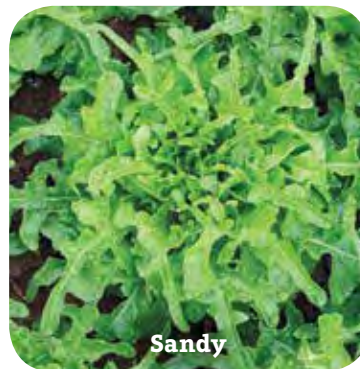
Cantarix



Red Oak Leaf



Tango



Sandy



Salad Bowl



Encino

2627 Encino 50 days full size

OP • HR: **APH, DM (16-26, 28, 32), LMV, TBSV / MTO-30** • Uniform size • Slow to bolt
Huge, fine heads of buttery, lightly savoyed leaves. Dense heads of lightly serrated wavy leaves with slightly blanching centers. In our trials it was 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 are paid to the breeder. Available as raw and pelleted seed.



Emerald Oak

2565 Emerald Oak 60 days full size

OP • OSSI • IR: **TB** • Open Source Seed • Compact
An all-time favorite in our trials thanks to its crisp, buttery heart and sweet flavor! Rounded leaves are thick and tighten to form compact, striking dark green heads. From a cross between Blushed Butter Oak and Deer Tongue created by Frank Morton and released under the Open Source Seed Initiative. Tom Stearns' mother loves this little lettuce!



Outredgeous

RED ROMAINE

2592 Outredgeous 30 days baby, 55 full size

OP • OSSI • **MTO-10** • 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 are paid to the breeder. See baby leaf photo on page 53.



Rouge d'Hiver

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 53.



Aerostar

GREEN ROMAINE

2606 Aerostar 21 days baby, 55 full size

OP • UP • HR: **DM (16-27, 29, 32), LMV / MTO-30** • Baby leaf or full size • Reliable
Midsized dark green romaine with excellent disease resistance. A dual-purpose variety that works well for medium size 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 53.



Freckles

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 53.



Parris Island Cos

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 53.



Winter Density

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 season. Requires cool temperatures for germination. See baby leaf photo on page 53.



Coastal Star

2580 Coastal Star 57 days full size

OP • IR: **CR / MTO-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.



Jericho

2587 Jericho 28 days baby, 57 full size

OP • IR: **DM, PM, TB / MTO-10** • 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 53.



Green Towers

2586 Green Towers 60 days full size

OP • **MTO-10** • 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.

2625 **Arroyo** 65 days full size

OP • UP • HR: **DM (16-27, 29, 32)** / IR: **CR / MTO-30** • Ideal for hearts

Tall, upright plants with distinctive vase-shaped heads. Good fresh market variety with tight v-shaped base, excellent for hearts. Heavily savoyed, crunchy leaves are slow to cup inwards. Best suited to spring and fall harvest; may be grown in summer in cool regions. Strong disease resistance package. Bred by Vitalis Organic Seeds. *Limited availability.*

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 / MTO-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 are paid to the breeder.

2564 **Magenta** 48 days full size

OP • HR: **DM (1-16, 19, 21)** / IR: **LMV / MTO-10** • 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.

2561 **Nevada** 55 days full size

OP • IR: **DM, LMV / MTO-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. Available as raw and pelleted seed.



Arroyo



Concept



Lovelock



Magenta



Nevada

MAKING IT EASY: EAZYLEAF LETTUCES

A staple crop for many commercial organic growers, lettuce mixes demand a worthy price in both retail and wholesale markets—but they also come with no shortage of production challenges.

High Mowing offers a competitive advantage in lettuce mix production for commercial growers, thanks to the Eazyleaf assortment of one-cut lettuces from our partners at Vitalis Organic Seeds.

- **Transplants** ahead of sprouting weeds
- Thrives in a **tight 6" spacing**
- Reaches maturity after **50-60 days**
- Single cut at the base results in **perfectly sized, uniform leaves**
- Unlike babyleaf lettuces, leaves are mature and **durable during washing and handling**
- Loose leaves can be mixed for a **custom blend**
- **Results? Same bed space, better yields**





Australis



Kweik



Mirlo



Alkindus



Optima



Pirat



Roxy



Crispino

BUTTERHEAD / BIBB

2554 **Australis** 50 days full size

OP • HR: **DM (1-25)** • Spring/fall planting • Upright habit

Gorgeous midsize butterhead with bright green leaves tinged with bronze. Compact heads with soft leaves like a butterhead but more upright-romaine in habit; strong disease resistance. Excellent in our fall lettuce trials, but produces the nicest heads in spring.

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.

2578 **Mirlo** 50 days full size

OP • UP • HR: **APH, DM (16-28, 30-32), TBSV** / IR: **LMV / MTO-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 Vitalis Organic Seeds.

new 2579 **Alkindus** 52 days full size

OP • HR: **DM (1-9), TBSV** / IR: **LMV / MTO-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.

2562 **Optima** 52 days full size

OP • IR: **BR, DM, LMV, TB / MTO-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.

2566 **Roxy** 60 days full size

OP • HR: **DM (16, 21, 23, 32) / MTO-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 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.

PELLETED LETTUCE SEED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M	500 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	\$7.15	\$5.10/M	\$3.94/M	\$3.78/M	\$3.32/M	\$3.16/M
2627P Encino Pelleted	\$5.75	\$12.00	\$9.60/M	\$8.00/M	\$7.00/M	\$5.50/M	\$4.70/M
2613P Ezrilla Pelleted	\$3.95	\$10.25	\$8.20/M	\$7.40/M	\$6.50/M	\$5.95/M	\$5.80/M
2551P Green Star Pelleted	\$5.00	\$8.90	\$5.00/M	\$3.92/M	\$3.10/M	\$2.75/M	\$2.40/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
2561P Nevada Pelleted	\$2.95	\$4.10	\$2.80/M	\$2.00/M	\$1.80/M	\$1.35/M	\$1.30/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	\$10.50/M	\$9.50/M	\$8.50/M	\$8.00/M
2581P Spretnak Pelleted	\$6.20	\$13.25	\$10.60/M	\$9.92/M	\$8.36/M	\$8.00/M	\$7.65/M
2618P Stanford Pelleted	\$3.95	\$10.25	\$8.20/M	\$7.40/M	\$6.50/M	\$5.95/M	\$5.80/M
2626P Truchas Pelleted	\$6.20	\$13.25	\$10.60/M	\$9.92/M	\$8.36/M	\$8.00/M	\$7.65/M

Baby Leaf



Aerostar



Defender



Parris Island Cos



Jericho



Winter Density



Black Seeded Simpson



Waldmann's



Green Star



Celinet



Bolsachica



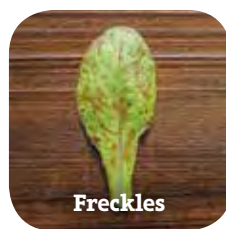
Tango



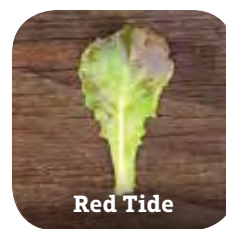
Salad Bowl



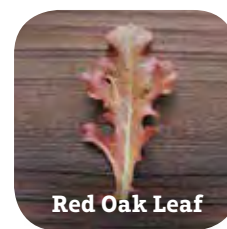
Sandy



Freckles



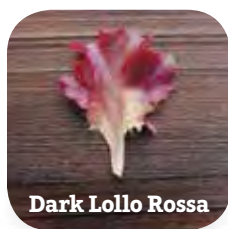
Red Tide



Red Oak Leaf



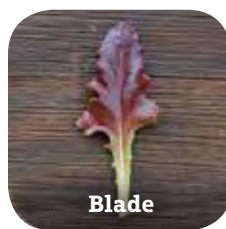
Red Salad Bowl



Dark Lollo Rossa



Galactic



Blade



Outredgeous



Rouge d'Hiver

LETTUCE

VARIETY	TYPE	DAYS TO MATURITY	DISEASE RESISTANCES (HR/IR)
2606 Aerostar	UP • Romaine	21 days	HR: DM (16-27, 29, 32), LMV / MTO-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 / MTO-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 / MTO-10
2551 Green Star	Green Leaf	30 days	IR: DM (1-18) / MTO-10
2547 Celinet	UP • Green Leaf	28 days	HR: APH, DM (16-32), TBSV / IR: LMV / MTO-30
2572 Bolsachica	UP • Oak Leaf	28 days	HR: APH, DM (16-26, 28, 32), TBSV / IR: LMV / MTO-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	Red Leaf	28 days	IR: BR, TB / MTO-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) / MTO-10
2603 Blade	UP • Oak Leaf	30 days	HR: APH, DM (16-32), TBSV / MTO-30
2592 Outredgeous	OSSI • Romaine	30 days	MTO-10
2600 Rouge d'Hiver	Romaine	28 days	IR: LD, TB

GREEN BABY LEAF

RED BABY LEAF

Find pricing details on page 54.

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

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
2554 Australe	FULL	\$2.95	\$8.35	\$12.15	\$38.40	\$105.60	\$198.00	\$180.00/lb
2550 Black Seeded Simpson	BOTH	\$2.95	\$5.00	\$7.25	\$15.00	\$36.00	\$63.00	\$59.00/lb
2544 Concept	FULL	\$2.95	\$9.85	\$26.50	\$61.00	\$205.00	\$360.00	\$304.00/lb
2545 Crispino	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	\$145.00	\$135.00/lb
2574 Defender	BABY	\$2.95	\$7.10	\$10.35	\$32.65	\$89.75	\$168.25	\$153.00/lb
2565 Emerald Oak	FULL	\$2.95	\$11.00	\$29.75	\$63.00	\$200.00	\$338.95	
2543 Freckles	BOTH	\$2.95	\$7.80	\$12.00	\$23.00	\$64.00	\$104.00	\$90.00/lb
2551 Green Star	FULL	\$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	\$9.00	\$34.00	\$91.00	\$155.00	\$142.00/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	\$6.20	\$15.00	\$30.00	\$50.00	\$43.00/lb
2600 Rouge D'Hiver	BOTH	\$2.95	\$6.00	\$9.45	\$16.85	\$38.30	\$67.40	\$60.65/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	\$6.50	\$19.00	\$52.00	\$92.00	\$76.00/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

LETTUCE SEED - SOLD BY SEED COUNT	FULL/BABY/BOTH	500	5 M	25 M	50 M	100 M	500 M
2606 Aerostar	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
2625 Arroyo - (limited availability)	FULL	\$4.25	\$7.00/M	\$6.00/M			
2603 Blade	BABY	\$2.95	\$1.76/M	\$1.38/M	\$1.09/M	\$1.01/M	\$0.91/M
2572 Bolsachica	BABY	\$2.95	\$3.10/M	\$1.02/M	\$0.74/M	\$0.70/M	\$0.61/M
2548 Cantarix	FULL	\$8.00	\$10.40/M	\$10.00/M	\$9.00/M	\$8.40/M	\$7.40/M
2547 Celinet	BABY	\$2.95	\$1.65/M	\$1.30/M	\$0.99/M	\$0.90/M	\$0.82/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	\$1.39/M	\$0.94/M	\$0.72/M	\$0.59/M	\$0.51/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
2576 Newham	FULL	\$6.45	\$9.00/M	\$8.00/M	\$7.00/M	\$6.50/M	\$5.80/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	BOTH	\$2.95	\$1.40/M	\$1.00/M	\$0.80/M	\$0.75/M	\$0.70/M
2566 Roxy	FULL	\$8.00	\$10.50/M	\$10.00/M	\$9.00/M	\$8.40/M	\$7.40/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

Why We GROW

“To build a place where our community could find meaningful work & connect with others, to provide wellness-focused food & crops, and to steward a more regenerative, symbiotic system to benefit future generations. —**Claire and Drew of Heritage Harvest Farms, North Carolina**”



“In hopes of a simpler life, to grow nutrient rich foods, both for our health and our community. For our children. They are the future and we want their future to be bright, healthy, and full of fresh flavor! —**Alexis of Thistle Springs Farm, Pennsylvania**”





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Better Seed for

*It's no secret that our mission at High Mowing is to increase the availability of organic seed for growers and gardeners alike. We like to think of our work as having three essential pieces: **it is good for you, good for us, and good for all.** Our relationships play a crucial role in developing these three essential pillars of our mission. Through our friends and partners who breed and develop new varieties, to our growers and gardeners who steward the earth and raise the crops; we are engaging with so many individuals to reshape the future. As the demand for organic seed grows, so does the development of hardy, adaptable, high quality organic varieties.*

Good For **YOU**

Our partnership with companies like VDF Specialty Seeds allows us to offer our growers and gardeners the best first layer of defense against downy mildew in basil: improved genetics. Through a partnership with Rutgers University and the use of traditional breeding processes, plants are selected and evaluated for multiple years in different locations to craft a beautiful, durable crop capable of withstanding disease pressures that have at times contributed to crop loss and even total crop failure in the organic production of basil. As more organic varieties are developed by organizations like VDF Specialty Seeds, more innovation is introduced into organics, more genetic material is made available to organic growers, and more land overall is converted to organic stewardship.

See page 96 for more information about VDF Specialty Seeds.

Good For **US**

Our partnerships with breeders not only offer our customers the best selection of organic genetics, but many times these relationships also help us overcome our own obstacles at High Mowing Organic Seeds. Pure Line Seeds provides the infrastructure and expertise necessary when tackling tricky production issues commonly associated with crops like sugar snap peas. Through their dedication to quality and problem solving, superior organically produced pea seed is made available to our growers with minimal occurrences of off types. Their multi-step process of eradicating pea leaf weevils ensures that this difficult to produce, organic seed is clean and viable. After years of struggling to carry consistent, quality pea seed here at High Mowing, Pure Line's expertise in conventional production was transformed masterfully into organic production that could scale up and continues to meet the needs of our growers today. As a company focused on providing plants adaptable to commercial systems, the Pure Line pea seed offered in our catalog is perfect for the professional seeking efficiency, productivity and top flavor.

See page 65 for more information about Pure Line.

a Better World

With more resilient varieties, growers experience success which encourages others to adopt organic production methods. More land is managed organically, conserving resources and supporting ecological landscapes, and in the end, more people are given access to healthy, nourishing foods. It is our job to make sure that things start on the right foot, that the seed planted is not only organic, but has been crafted by passionate artisans whose final varieties take years to perfect.

It is our belief that organic seed is better seed and, from development to cultivation, contributes to a better world.

Good For **ALL**

Our partnership with our growers and gardeners allows us to stay tuned to the evolving practice of organic agriculture. Every season presents a unique set of triumphs and challenges and the needs of our growers shift alongside the variables experienced in the field, at market, and even at the dinner table.

We recognize that our success as a company is contingent on the success of every individual who puts our seeds into soil and we feel, now more than ever, that the call to action to bring organics into the forefront of agriculture is a unified one. Our growers represent the boots on

the ground, bringing their magic to their families, communities, and

landscapes and this powerful intention

is changing the world. The collective web of organic producers that plant our seeds inspire us to do good work and the food they produce is nourishing eaters across the country. So long as growers need reliable organic varieties to plant, we will be there to heed the call, knowing that bringing these powerful tools to skilled hands will bring about good for all.

See pages 28, 94, and 101 for our featured growers.

Good For
ALL

Melons

Cucumis melo

Stephen, Molly, and June pollinate True Love F1 melons at the High Mowing Organic Seeds farm.

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 and 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.

MELONS



First Kiss F1



Divergent F1



True Love F1



PMR Delicious 51



Arava F1

CANTALOUPE

2633 First Kiss F1 71 days

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

Taste test winning, early melon with firm, sweet flesh. One of 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.

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.

new 2635 True Love F1 76 days

HYBRID • **H MOS 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 are paid to the breeder.

SPECIALTY

2648 Arava F1 77 days

HYBRID • IR: **PM** • Galia-type • 2-3 lbs

Green fleshed tropical melon with deliciously aromatic, sweet and crisp flesh. Always reliable in our trials and one of our staff favorites. Galia melons were developed by crossing a honeydew to a cantaloupe, resulting in a perfectly round melon with smooth, netted skin that turns yellow when ripe.

2652 **Emerald Gem** 80 days

HEIRLOOM • Muskmelon • 2-3 lbs

"Luscious beyond description" was W. Atlee Burpee's review from 1886. Sweet and juicy orange flesh with a rich, musky flavor and spicy cinnamon aroma that is prized to this day. A heavy producer with dark green, slightly netted skin. Short harvest window; collect melons when skin becomes netted and fruits slip from the vine. Also known as 'Netted Gem.'



Emerald Gem



Sivan F1

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
2652 Emerald Gem	\$2.95	\$8.20	\$18.65	\$46.00	\$113.20	\$90.00/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
2648 Arava F1	\$2.95	\$7.15	\$15.30	\$52.00	\$43.00/M	\$38.00/M
2647 Divergent F1	\$7.10	\$16.50	\$59.00	\$208.00	\$175.00/M	\$160.00/M
2633 First Kiss F1	\$6.00	\$15.00	\$55.00	\$150.00	\$105.00/M	\$98.00/M
2655 Sivan F1	\$2.95	\$9.00	\$22.00	\$55.00	\$50.00/M	\$42.00/M
2635 True Love F1	\$6.00	\$15.00	\$55.00	\$150.00	\$105.00/M	\$98.00/M

Larger volumes available; please call for pricing.

Okra

Okra is in the mallow family and these Clemson Spineless flowers look very similar to its relative, Hibiscus.

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.

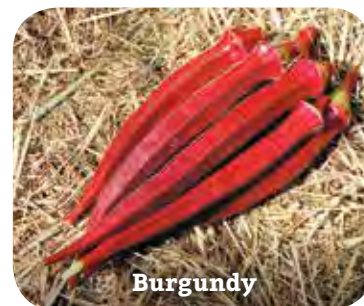
2667 **Burgundy** 65 days

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.



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	\$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.

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

Onions

Allium cepa

Liz and Taylor evaluate cured onions and shallots from our trials fields.

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.

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.

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!

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 selected 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.

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 variety performs well in the Northeast and also has excellent tolerance of hot weather.

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.

RED

2705 **Red Long of Florence** 70 days

OP • Long day • Fresh bunching • 4-6"

Gorgeous bottle-shaped bulbs with brilliant red coloring. Slender bulbs with healthy green tops make a stunning bunch. Days to maturity are from transplant and are for fresh harvest, as Red Long of Florence does not dry well in the field and will not store. Preferred by culinary enthusiasts for easy kitchen prep and long, uniform bulbs. Mild, sweet flavor is great for pickling and using raw in salads. *Unavailable in 2020.*

2689 **Cabernet F1** 105 days

HYBRID • Late intermediate day • Stores 2-4 months • 3-4" bulbs

The earliest red storage 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 Swiss biodynamic breeders Sativa.

2686 **Monastrell F1** 106 days

HYBRID • Intermediate day • Fresh market • 3.5-4" bulbs

Broad harvest window ideally suited for fresh market sales. Highly adaptable with a uniform deep red color. Any bulbs not used immediately can be stored for 2-4 months. Slightly later and larger than Cabernet F1, and holds well in the field. Has an upright habit, partial resistance to foliar disease, and tight necks. A real beauty from our partners at Vitalis Organic Seeds.



Gabriella F1



Cortland F1



Sedona F1



Yankee F1



Calibra F1



Talon F1



Dakota Tears



Cabernet F1



Red Geneva



Monastrell F1



Red Long of Florence



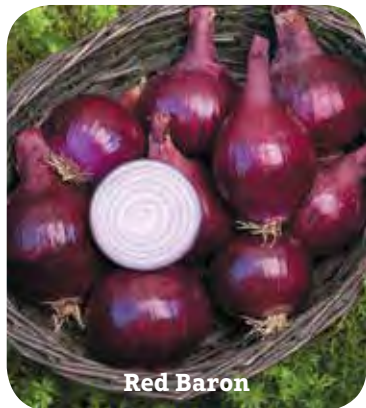
Walla Walla



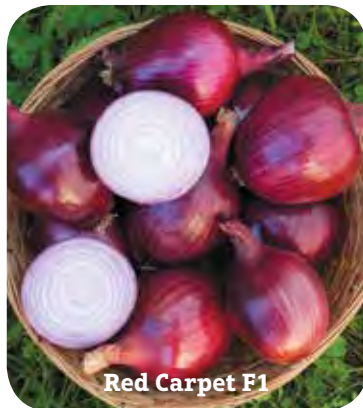
Cabernet F1



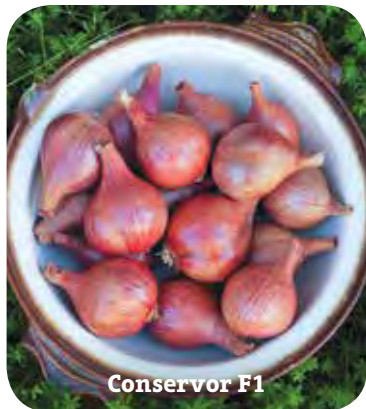
Rossa di Milano



Red Baron



Red Carpet F1



Conservor F1



Matador F1



Parade

Evergreen Hardy

Alto Leek

Red Baron

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 midsize 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 below for bunching stage.

2681 Red Carpet F1 116 daysHYBRID • 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.

SHALLOTS**2679 Conservor F1 100 days**

HYBRID • Stores well • 2-3" bulbs

Tear-drop 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 above.

2670 Evergreen Hardy 65 days

OP • Welsh-type • Very cold hardy

Reliably overwinters in Vermont, where temperatures can reach -30°F. May be sown all season long or overwintered. 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*

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*

Why We
GROW

“ My greatest inspiration for growing [is] my children. Seeing them loving and eating what I grow pushes me to continue everyday. —Maimuna of Salmar's Garden, Nigeria ”

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	25 lb*
2683 Ailsa Craig	\$2.95	\$5.00	\$16.00	\$48.00	\$155.00	\$255.00	\$210.00/lb	\$190.00/lb
2678 Dakota Tears	\$2.95	\$4.60	\$14.80	\$44.00	\$140.00	\$235.00	\$194.00/lb	\$177.52/lb
2670 Evergreen Hardy Bunching	\$2.95	\$3.50	\$9.00	\$25.00	\$80.00	\$125.00	\$105.00/lb	\$96.00/lb
2703 New York Early	\$2.95	\$5.00	\$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
2705 Red Long of Florence - (unavailable in 2020)	\$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	\$6.00	\$15.00	\$45.00	\$150.00	\$280.00	\$250.00/lb	\$216.00/lb
2680 Walla Walla	\$2.95	\$6.00	\$15.00	\$45.00	\$144.00	\$235.00	\$210.00/lb	\$200.00/lb
2671 Yellow Cipollini	\$2.95	\$4.35	\$13.25	\$40.75	\$123.00	\$184.00	\$163.00/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	\$1.80/M	\$1.20/M	\$1.00/M	\$0.80/M	\$0.74/M	\$0.65/M
2688 Red Baron	\$3.40	\$5.10	\$4.55/M	\$4.35/M	\$3.90/M	\$3.68/M	\$3.50/M	\$3.35/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 FI	\$3.60	\$6.75	\$5.20/M	\$4.48/M	\$4.30/M	\$4.10/M	\$3.90/M	\$3.80/M
2675 Calibra FI	\$3.95	\$10.25	\$8.25/M	\$5.66/M	\$5.25/M	\$5.05/M	\$4.70/M	\$4.48/M
2679 Conservor FI Shallot	\$6.50	\$23.00	\$18.00/M	\$15.40/M	\$14.60/M	\$14.40/M	\$14.00/M	\$13.00/M
2684 Cortland FI	\$3.75	\$6.15	\$4.30/M	\$3.88/M	\$3.88/M	\$3.79/M	\$3.70/M	\$3.50/M
2691 Gabriella FI	\$4.20	\$10.00	\$8.20/M	\$6.10/M	\$5.50/M	\$4.70/M	\$4.32/M	\$4.00/M
2690 Matador FI Shallot	\$6.50	\$23.00	\$18.00/M	\$15.40/M	\$14.60/M	\$14.40/M	\$14.00/M	\$13.00/M
2686 Monastrell FI	\$3.95	\$10.25	\$8.25/M	\$5.66/M	\$5.25/M	\$5.05/M	\$4.70/M	\$4.48/M
2681 Red Carpet FI	\$4.30	\$9.25	\$6.77/M	\$6.40/M	\$5.80/M	\$4.90/M	\$4.63/M	\$4.80/M
2677 Sedona FI	\$3.95	\$10.25	\$8.25/M	\$5.66/M	\$5.25/M	\$5.05/M	\$4.70/M	\$4.48/M
2692 Talon FI	\$3.95	\$10.25	\$8.25/M	\$5.66/M	\$5.25/M	\$5.05/M	\$4.70/M	\$4.48/M
2673 Yankee FI	\$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 55 for individual items weighing 25 lbs or more.

Grower Profile: Valley Flora Farms

High Mowing Customer Since: 2016 | Betsy, Abby, and Zoë | Oregon

THE PEOPLE

"As a mother-and-two-daughter team, we cultivate over 100 different crops on our family farm along Floras Creek. We couldn't do what we do without the additional help of our incredible year-round employee—Roberto—our seasonal delivery driver, farmstand cashiers, and part time summer harvest help."

THE PRODUCT

"Betsy moved to Floras Creek in the early 70s, where both Abby and Zoë were born and raised. After college, Abby returned to the farm and started up a salad greens business in 1997, known as Abby's Greens. She developed a loyal following of chefs, retail stores and other local salad devotees. Ten years later, after working for various organic farms and non-profits, Zoë and her two draft horses came home to Floras Creek to expand the farm. In 2008, Valley Flora was born, a three-way farming collective. Today, Abby continues to wear the 'Greens Queen' crown; she manages the salad production and is the resident apple and orchard expert. Betsy has carved out her niche in the greenhouse, growing row after row of tomatoes, peppers, cucumbers, basil and summer squash. Zoë rounds out the produce line-up with berries, flowers, asparagus, and scores of other outdoor seasonal row crops. Together, the 'Florettes' feed over 100 Harvest Basket members through their community supported agriculture program, and help keep the pantry stocked at dozens of local restaurants, retail stores, and foodbanks."



Left to Right: Jules, Abby, Pippin, Betsy, Cleo, Zoë and Uma of Valley Flora Farms.



Zoë and her two draft horses manage the outdoor seasonal row crops.

THE STATS

6 acres
11 farming seasons
5 points of distribution (CSA, farmstand, restaurants, stores, and U-pick)
3 woman run farming operations
365 days a year

Peas

Pisum sativum

Paul and Taylor check on the progress of sugar snap peas in the trials garden.

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 3.5' 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.



PLS 14



Laxton's Progress #9



Green Arrow



PLS 595



Sugar Ann



SS 141



Cascadia

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.



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

PEAS SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	25 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 55 for individual items weighing 25 lbs or more.

Good For Us

Pure Line Seeds Makes Organic Peas Possible and Profitable

Pure Line Seeds was founded in 1948 just outside of Moscow, Idaho. The original mission of the company was to develop pea varieties for the processing market. As the demand for peas grew, so did the business, and the heart of operations for Pure Line Seeds was moved to Warden, Washington. Currently, Pure Line Seeds utilizes a network of professional seed growers all situated in this region of the Pacific Northwest for its premier pea production conditions. The company's interest in healthy food, healthy people, and healthy farms lead them into organic production and into a partnership with High Mowing Organic Seeds.

Pure Line has selected some of their best fresh market pea and bean varieties for organic production. When Pure Line initially took an interest in engaging with the organic seed marketplace, High Mowing was facing several hurdles as a seed company providing certified organic pea seed. Growing organic pea seed is a difficult undertaking as large lots of peas are often riddled with off type genetics, lost to weeds due to their lack of trellising when grown on scale, and infested by the common and devastating pest, the Pea Leaf Weevil. This pest is almost exclusively an organic production issue and can ruin pea seed in storage before it ever makes its way to the field or garden.

After a fateful meeting in 2012 between High Mowing Organic Seeds owner and founder Tom Stearns and soon to be Pure Line plant breeder, Ben Hughey, the potential of the organic seed marketplace piqued the interest of the company. In the years to follow, Pure Line began to offer their top of the line equipment, resources, and expertise to bring High Mowing growers and gardeners organic pea varieties that were free of pests, off types, and consistently productive for both commercial and home garden producers. Pure Line faced

their own sets of challenges and setbacks when attempting to produce organic pea varieties, but today they provide us new varieties of peas along with older, popular varieties we have at times lost due to inconsistency in production.

We are grateful to Pure Line for their hard work and honed craft in producing varieties that are durable and viable. Our partnership with Pure Line is a great example of how our desire to provide organic seed can lead us into dynamic collaborations that are not only good for you, but also good for us.



Pea plants are evaluated by staff at Pure Line to ensure selected varieties meet their strict quality standards.

Peppers

Capsicum annuum

Alyssa, a gardener in Ofallon, Missouri, shows off her peppers including Purple Beauty, Early Jalapeño and High Mowing Orange Picnic peppers.

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

DISEASE & PESTS: Prevent diseases and recurrent pest pressure with crop rotation and cover cropping. Insects and diseases such as bacterial leaf spot, cucumber mosaic virus, tobacco mosaic virus and tomato spotted wilt virus can be avoided by using clean seed,

correct sanitation techniques and crop rotation. Applications of broad spectrum OMRI-approved products like fixed copper and other fungicides can keep fungal diseases at bay.

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.

PEPPERS

GREEN TO RED BELLS



Olly F1



King Crimson



King of the North



California Wonder



Sprinter F1



California Wonder

(L to R) Jupiter & Sprinter F1

(L to R) King Crimson and King of the North

new 2802 **Olly F1** 63 red

HYBRID • HR: **TMV (0-3)** • Field or greenhouse • Good leaf cover • 3.5" 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; great fruit set under row cover. Resists blossom end rot and russetting. From our partners at DeBolster Organic Seeds.

2777 **King Crimson** 57 days green, 65 red

OP • **HMOs EXCLUSIVE** • 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 are 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" 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.

2774 **Jupiter** 65 days green, 75 red

OP • IR: **TMV** • Good leaf cover • 4-5" fruits
Large, sweet fruits of excellent quality. Stout peppers have thick walls and four lobes; great for stuffing and freezing. Widely adapted plants are 3' in height and offer good leaf cover.

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. Size falls between King Crimson and Jupiter. 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

2814 **Purple Beauty** 55 days purple, 75 red

OP • Specialty variety • 3-4" fruits

Sturdy, compact plants loaded with stunning deep purple fruits. Nearly black skin creates incredible contrast with the bright green flesh. Fruit is set in the crown and on each limb, optimizing yield per plant. Holds purple stage well before ripening to a deep purple-red. Widely adapted.



Purple Beauty

2815 **Sweet Chocolate** 58 days green, 78 brown-red

OP • Uniform shape • Tolerates cool weather • 3-4" fruits

Early and high yielding with unusual, dark red color. Appreciated for its remarkable earliness, heavy fruit set and tolerance of cool nights. Medium sized peppers are uniformly long and slightly tapered with long stems. Developed by Professor Elwyn Meader at University of New Hampshire.



Sweet Chocolate

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!



Golden California Wonder

2771 **Milena F1** 65 days green, 83 orange

HYBRID • HR: **PVY (0-1), TMV (0-3)** / IR: **TEV, TSWV (0)** • Heat tolerant • 0.5 lb, 3.5" fruits

Early orange bell with thick walls and uniformly 3-4 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.



Milena F1

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.



Iko Iko

new 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.



Waldo F1

new 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.



Flavorburst F1

2805 **Madonna F1** 75-85 days

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.



Madonna F1

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 that is well suited to spring and fall plantings in the Southeast and as a main crop in northern areas and the Midwest. The only hybrid organic yellow bell on the market that's resistant to bacterial leaf spot! From our partners at Vitalis Organic Seeds. *Unavailable in 2020.*



Abay F1

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. The red picnic pepper has 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. The orange Picnic Pepper is sweet tasting and has a lovely warm color. Selected for thick walls, flavor, strong yields and an upright plant habit. From our own High Mowing breeding work.



Picnic Orange



Picnic Red



Picnic Yellow



Picnic Pepper Blend



Oranos F1



Bangles Blend



Escamillo F1



Lively Italian Orange



Lively Italian Yellow



Shishito



Carmen F1



Corno di Toro



Ring-O-Fire

2811 Picnic Yellow 60 days green, 84 yellow

OP • BRED BY HIGH MOWING • 3-4" fruits

Vivid bright yellow with a crisp, tart taste. The yellow picnic pepper has a nice tart flavor with good complexity and a nice 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.

SWEET SPECIALTY

2788 Oranos F1 60 days green, 75 orange

HYBRID • HR: **TMV (0)** • Italian-type • Tapered 5-6" fruits

Eye-catching, vivid golden 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

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. Prolific!

2799 Bangles Blend 60 days green, 80 color

OP • **HMOs 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 gypsy 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.

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, an improvement over our Red Cayenne, which it replaces. Ring-O-Fire matures earlier 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.

new 2792 **Red Ember F1 Cayenne** 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.

new 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 and is 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.

new 2791 **Primero Red Habanero 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.

2773 **Triunfo F1** 65 days green, 85 red

HYBRID • HR: **BLS (0-3, 7, 8), PVY** / IR: **TEV** • Green jalapeño • SHU 5,000

High quality hybrid jalapeño that cranks out bushels of perfect fruit. We have heard from our customers how much this pepper has changed this crop type for them. Triunfo F1 was a standout in our trials, with an upright frame and heavy set of mid-sized jalapeños with minimal checking. From Sakata Seeds. *Unavailable in 2020.*

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. *Limited availability 2020.*

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.

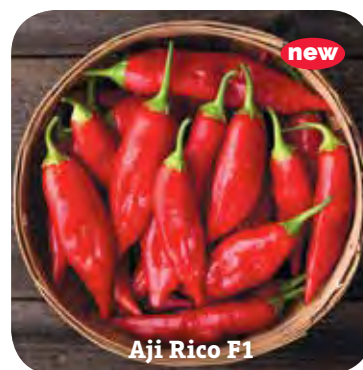
2783 **Magnum** 80 days green, 100 orange

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 tolerant of cool conditions, ensuring maturity in cooler climates like the Northeast. A true standout and improved variety from our friends at Genesis Seeds. *C. chinense*



Red Ember F1 Cayenne



Aji Rico F1



Hungarian Hot Wax



Primero Red Habanero F1



Bastan F1



Early Jalapeño



Triunfo F1



Ancho Poblano



NuMex Joe E. Parker



Magnum

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 - (limited availability in 2020)	\$2.95	\$8.10	\$26.50	\$71.70	\$174.30	\$385.00
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	\$5.75	\$11.80	\$29.50	\$77.00	\$190.00
2776 Golden California Wonder Sweet	\$2.95	\$7.00	\$15.00	\$35.00	\$100.00	\$275.00
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
2774 Jupiter Sweet	\$2.95	\$8.95	\$27.50	\$73.00	\$210.00	\$739.00
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	\$27.50	\$73.00	\$210.00	\$739.00
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
2814 Purple Beauty Sweet	\$2.95	\$7.00	\$20.00	\$52.00	\$175.00	\$500.00
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
2815 Sweet Chocolate	\$2.95	\$6.40	\$19.00	\$51.50	\$165.00	\$598.00
PEPPER SEED - HYBRID - SOLD BY SEED COUNT						
	10	100	250	500	1 M	5 M
2769 Abay F1 Sweet - (unavailable in 2020)	\$6.80	\$35.00	\$57.00	\$87.00	\$135.00	\$113.00/M
2781 Aji Rico F1 Hot	\$5.00	\$38.00	\$78.00	\$105.00	\$185.00	\$161.00/M
2795 Bastan F1 Hot	\$3.70	\$13.50	\$24.00	\$43.00	\$81.00	\$70.00/M
2787 Carmen F1 Sweet	\$2.95	\$16.00	\$30.00	\$52.00	\$93.00	\$81.00/M
2796 Escamillo F1 Sweet	\$2.95	\$16.00	\$30.00	\$52.00	\$93.00	\$81.00/M
2816 Flavorburst F1 Sweet	\$2.95	\$16.00	\$30.00	\$52.00	\$93.00	\$81.00/M
2805 Madonna F1 Sweet	\$5.95	\$33.00	\$68.00	\$105.00	\$175.00	\$155.00/M
2771 Milena F1 Sweet	\$6.35	\$48.00	\$101.00	\$181.00	\$329.00	\$324.00/M
2802 Olly F1 Sweet	\$5.00	\$38.00	\$78.00	\$105.00	\$185.00	\$161.00/M
2788 Oranos F1 Sweet	\$8.25	\$45.00	\$95.00	\$165.00	\$275.00	\$262.00/M
2791 Primero Red F1 Hot	\$5.95	\$33.00	\$68.00	\$105.00	\$175.00	\$155.00/M
2792 Red Ember F1 Hot	\$2.95	\$14.00	\$25.00	\$50.00	\$88.00	\$75.00/M
2779 Sprinter F1 Sweet	\$9.40	\$71.00	\$154.00	\$218.00	\$398.00	\$370.00/M
2773 Triunfo F1 Jalapeno	\$3.85	\$14.00	\$26.25	\$48.00	\$88.00	\$78.00/M
2797 Waldo F1 Sweet	\$5.00	\$38.00	\$78.00	\$105.00	\$185.00	\$161.00/M
PEPPER SEED - OPEN-POLLINATED - SOLD BY SEED COUNT						
	10	100	250	500	1 M	5 M
2810 Picnic Orange	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M
HC-PP Picnic Pepper Blend	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M
2809 Picnic Red	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M
2811 Picnic Yellow	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M

Larger volumes available; please call for pricing.

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 20th, 2019 (no minimum or limit on credit orders!)

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

Redeem your credit for seeds anytime after January 15th, 2020

A CONVERSATION ABOUT INTELLECTUAL PROPERTY

Dear Grower,

All of us here at High Mowing believe deeply in the work we are doing. We feel honored that you come to us for the varieties that help you succeed in feeding your families and your communities. We see our efforts to choose the right assortment of varieties as some of our most critical work. You'll notice in this catalog that we've added a bit more information to help you select the right varieties for you.

We have now noted varieties which carry some form of intellectual property protection that breeders have chosen to use. These include both Utility Patents (23 varieties) and Plant Variety Protected (8 varieties). We've also noted those varieties where we pay royalties to breeders (46 varieties) and Open Source Seed Initiative (14 varieties).

Intellectual property can be controversial. It is not lost on us that

these tools can be used to remove genetic material from the public sphere. They can also be used to protect the investments that people make in breeding and product development—and this work can take years. How do we choose what is right?

We don't have all the answers. In fact, it is common for us to have spirited debates among our staff about the choice to sell varieties with intellectual property protections. And many of the breeders we work with have expressed their own reservations about using intellectual property tools to protect their work.

First and foremost, we see ourselves as people working with people. We build personal relationships based on trust with independent breeders, publicly funded institutions and breeding companies with whom we

feel aligned. Each relationship brings something important to our catalog, and ultimately, to our growers. If the work of these organizations changes in ways that don't align with our values, we will reevaluate the partnership. But first, we'll have conversations about it. We'll lean in.

We invite you to have conversations about this as well. How do you see the practice of using intellectual property tools? Does this align with your values and your work? It is our hope that by bringing more transparency to this conversation, you'll be able to make the best decisions for your own farms and gardens. This isn't easy, but together we're hopeful that we can find the right path.

Sincerely,
The Team at High Mowing



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, and available for utilization by the general public in perpetuity.

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.

Want to learn more? Visit our blog, highmowingseeds.com/blog/intellectual-property.

2578 Mirlo 50 days full size

OP • UP • HR: APH, DM (16-28, 30-32), TBSV / IR: LMV / MTO-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. Our favorite among all the varieties in our extensive butterhead trials! From Vitalis Organic Seeds.

Potatoes

Solanum tuberosum

Monique and Jenn show off the potato harvest they will evaluate for size, yield, and quality.

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**, **LB-Late Blight**, **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, 2020.

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

WHITE FLESH

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.

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. *Unavailable in 2020.*

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. Superior flavor to Dark Red Norland with better storage potential. Higher yielding in heavy clay soils than other reds and offers field resistance to late blight.

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.

84030 **Reba** *Late season*

OP • HR: **EB, SCAB, VW** • High yielding • Stores well

A superior, multipurpose variety offering high yields of large, buff skinned potatoes with delicious white flesh. Vigorous plants that withstand pest pressure produce attractive firm and smooth tubers. A solid disease package and a lack of susceptibility to hollow heart make this variety a go-to. Reba is suitable for roasting, boiling or baking and makes stellar mashed potatoes. An excellent storage variety.



Dark Red Norland



Purple Viking



Red Chieftain



Burbank Russet



Reba

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 All Red and Katahdin for a genuine red, white and blue potato salad!



Adirondack Blue



Yukon Gem

new 84150 **Huckleberry Gold** *Mid season*

OP • IR: **SCAB, VW** • Low glycemic index

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

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. Our first late blight resistant potato! 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.

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.



Yukon Gold



German Butterball

84020 **German Butterball** *Late season*

HEIRLOOM • Large plants • Stores well

Unrivaled in creamy, 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 Ledge Farm. Shows some field resistance to scab and late blight.

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.



AmaRosa

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

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 size 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.



Rose Finn Apple

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.



Russian Banana

Why We
GROW

“For me, growing food is a way to engage with my spirituality, my community, and my own body.”
—Rachel of Radia Herbs, Rhode Island

SEED POTATOES - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 lb	2.5 lb	25 lb*	50 lb*
84002 Adirondack Blue		\$12.25	\$55.75	\$93.00
84075 AmaRosa Fingerling	\$10.95	\$14.00	\$88.25	\$144.50
84010 Burbank Russet		\$12.25	\$55.75	\$93.00
84092 Dark Red Norland		\$12.25	\$55.75	\$93.00
84140 French Fingerling	\$10.95	\$14.00	\$88.25	\$144.50
84020 German Butterball		\$12.25	\$55.75	\$93.00
84150 Huckleberry Gold		\$12.25	\$55.75	\$93.00
84025 Purple Viking - (unavailable in 2020)		\$12.25	\$55.75	\$93.00
84030 Reba		\$12.25	\$55.75	\$93.00
84035 Red Chieftain		\$12.25	\$55.75	\$93.00
84110 Rose Finn Apple	\$10.95	\$14.00	\$88.25	\$144.50
84120 Russian Banana	\$10.95	\$14.00	\$88.25	\$144.50
84130 Yukon Gem		\$12.25	\$55.75	\$93.00
84100 Yukon Gold		\$12.25	\$55.75	\$93.00

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.



Pumpkins

Cucurbita spp.

Monique and Katie harvesting Baby Pam pumpkins for fall storage trials.

CULTURAL INFO: Days to maturity are from direct seeding, subtract 14 days if transplanting. Pumpkins are long season, tender annuals that prefer fertile, well drained soil. Pie pumpkins have been selected for flavor, texture and density of flesh. Specialty types have superior eating quality in addition to their unique physical attributes. Jack O'Lanterns are strictly decorative, selected for shape, size, handle quality, uniformity and durability. Direct sow seeds after last frost, or start transplants 3-4 weeks before last risk of frost. Tighter spacing results in smaller, more numerous fruit. Plastic mulch helps heat soil for faster growth. Floating row cover helps ward off pests; remove covers during flowering to allow pollination. Harvest before

temperatures reach below 50°F. Move to a warm, dry, shaded area to cure.

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.



Baby Pam



Long Pie



Pie-Pita F1



New England Pie

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.

new 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 are 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.

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 size 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 are paid to the breeder.

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!

2825 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 are 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 85.

2835 Musque de Provence 125 days

HEIRLOOM • Gourmet specialty • 15-25 lbs

Gorgeous French heirloom featuring dusky green ribs and glowing orange skin. This gourmet pumpkin, often enjoyed cooked, is also traditionally eaten raw. Cut from the middle like a wedge of cheese and slice very thinly. The flavor is exceptionally complex and sweet with a nice light crunch. Also known as Fairytale. *C. moschata*



Winter Luxury



Cider Jack F1



Jack Straw



Howden



Owl's Eye F1



Jack Be Little



Cinderella,
Rouge vif d'Etampes



Black Futsu



Musque de Provence

PUMPKIN SEED - OPEN-POLINATED - SOLD BY SEED WEIGHT	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	25 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	\$4.05	\$8.65	\$20.65	\$48.20	\$83.65	\$74.40/lb	\$65.92/lb
2830 Long Pie	\$3.25	\$8.75	\$18.50	\$46.00	\$80.00	\$75.00/lb	\$69.50/lb
2835 Musque De Provence	\$2.95	\$8.50	\$18.75	\$42.50	\$76.25	\$69.00/lb	\$59.60/lb
2840 New England Pie	\$2.95	\$6.15	\$11.50	\$23.50	\$36.50	\$32.60/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 COUNT	10	50	250	1 M	5 M	25 M	
2826 Cider Jack F1	\$4.00	\$13.00	\$38.00	\$115.00	\$93.00/M	\$82.00/M	
2825 Owl's Eye F1	\$2.95	\$9.15	\$21.50	\$63.25	\$51.00/M	\$46.00/M	
2838 Pie-Pita F1 Hulless	\$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 55 for individual items weighing 25 lbs or more.

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

Radishes

Raphanus sativus

Beautiful radish display by Bear Roots Farm at the Montpelier, Vermont Farmers Market.

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.



Sora



Celesta F1



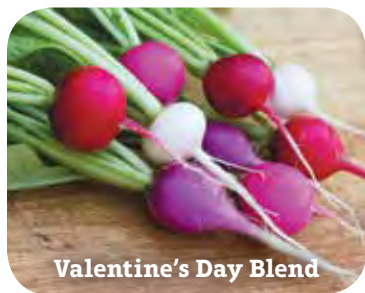
Cherry Belle



Pearl



Purple Plum



Valentine's Day Blend



French Breakfast



Pink Beauty

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. *Limited availability in 2020.*

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. *Limited availability in 2020.*

2875 Valentine's Day Blend 25 days

OP • **HIMOS 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 2020.*

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. *Limited availability in 2020.*

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.

2861 **Ostergruss** 30-35 days

OP • Spring/fall crop • 5-6" long roots
Unusual carrot-shaped magenta radish with crisp texture and spicy flavor. German variety translated as "Easter Greeting." Firm interior flesh is bright white and enclosed in beautifully contrasting thick, pink skin. Dark green foliage ideal for bunching. Beautiful addition to salads and perfect shape for dipping and crudités.

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.



White Icicle



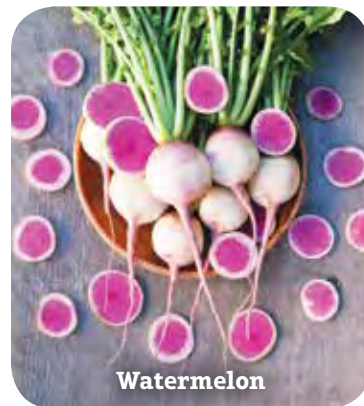
Ostergruss



Schwarzer Runder



Daikon



Watermelon

RADISH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb	25 lb*
2850 Cherry Belle	\$2.95	\$4.60	\$6.45	\$13.25	\$38.75	\$34.60/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
2861 Ostergruss	\$2.95	\$7.75	\$11.55	\$23.15	\$77.15	\$69.30/lb	\$62.20/lb
2870 Pink Beauty - (limited availability in 2020)	\$2.95	\$3.60	\$5.40	\$12.25	\$36.75	\$33.70/lb	\$30.15/lb
2863 Purple Plum - (limited availability in 2020)	\$2.95	\$5.00	\$9.25	\$25.00	\$75.00	\$57.00/lb	\$50.00/lb
2848 Schwarzer Runder	\$2.95	\$8.25	\$15.00	\$35.00	\$110.00	\$90.00/lb	\$78.00/lb
2875 Valentine's Day Blend - (unavailable in 2020)	\$2.95	\$8.00	\$12.35	\$23.80	\$61.75	\$57.00/lb	\$53.00/lb
2847 Watermelon	\$2.95	\$7.60	\$12.00	\$27.00	\$84.00	\$68.00/lb	\$61.00/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	\$3.60	\$9.70	\$5.70/M	\$3.76/M	\$3.15/M	\$2.57/M	\$2.45/M
2855 Sora	\$2.95	\$4.50	\$2.20/M	\$1.42/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 FI	\$3.60	\$9.70	\$5.70/M	\$3.76/M	\$2.60/M	\$2.57/M	\$2.30/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Why We GROW

“ I grow because I have always loved the earth, dirt and all that comes with the process from seed to harvest! I grow in hopes that I will create a small habitat for toads, birds, bees and whoever else might show up in my garden. I grow because it is how I feel relaxed and safe in my happy place!
—Patty, gardener in New York”



“ Every season I witness the effects of climate change as a farmer on the coast of South Georgia. I believe that my work sequesters carbon, secures food systems and repairs ecosystems. Though my contribution may be small, it gives me hope.
—Monica of Greyfield Garden, Georgia”



Spinach

Spinacia oleracea

High Mowing founder Tom Stearns inspecting a beautiful crop of spinach during the 25th Anniversary Celebration of Vitalis Seeds in Voorst, Netherlands.

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 111 or go to highmowingseeds.com for more info.

SMOOTH LEAF



Verdil



Corvair F1



Shelby F1



Matador



Renegade F1



Regiment F1

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, 13, 15, 16)** • 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 Vitalis Organic Seeds.

Precision sized.

2867 Shelby F1 40 days

HYBRID • HR: **DM (I-13, 15, 16)** • Field/tunnel • Spring/fall • Strong emergence

Large oval leaves with strong downy mildew resistance, ideal for transition seasons.

High quality, uniformly sized leaves are reliable, offering great baby leaf consistency when growers need it most. Tolerant of wide temperature swings; a standout with very good emergence in our spring trials. From Vitalis Organic Seeds. Precision sized. Unavailable in 2020.

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, 11, 13, 15)** • 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, 11, 13, 15)** • 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.

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.

2871 Escalade F1 43 days

HYBRID • HR: **DM (I-14, 16)** • Field variety • Summer • Upright habit

Nicely savoyed, emerald green leaves with luxuriant texture. Slow growing and slow to bolt, Escalade F1 is the perfect vehicle to ride out the main season. A bullet proof variety that east coast growers will appreciate - capable of handling temperature and light variations better than any other organic variety - but also great for western growers thanks to strong mildew resistance. Produces uniform oval-shaped leaves ideal for commercial baby leaf production. Excellent downy mildew resistance. From Vitalis Organic Seeds. Precision sized.

2886 Acadia F1 45 days

HYBRID • HR: **DM (I-13, 15, 16)** • Field/tunnel • Spring/fall/overwinter • Baby leaf

Very dark, slightly savoyed leaves with extremely slow growth are utterly tailored to baby leaf production. Grows even slower than Escalade F1, with a slightly different downy mildew package. 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 days

HEIRLOOM • 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. *Unavailable in 2020.*

2872 Abundant Bloomsdale 45 days

OP • OSS1 • 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.



Butterflay



Escalade F1



Acadia F1



Bloomsdale Longstanding



Winter Bloomsdale



Giant Winter



Abundant Bloomsdale

SPINACH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT	1/4 oz	1 oz	1/4 lb	1 lb	5 lb	25 lb*	100 lb*	
2880 Bloomsdale Longstanding	\$2.95	\$7.00	\$19.00	\$50.00	\$43.00/lb	\$34.00/lb	\$27.50/lb	
2868 Butterflay	\$2.95	\$5.80	\$16.80	\$38.75	\$26.30/lb	\$18.72/lb	\$13.85/lb	
2885 Giant Winter	\$2.95	\$3.85	\$9.15	\$25.50	\$20.40/lb	\$15.88/lb	\$13.25/lb	
2878 Matador	\$2.95	\$5.80	\$16.80	\$38.75	\$26.30/lb	\$18.72/lb	\$13.85/lb	
2869 Verdil	\$2.95	\$5.80	\$16.80	\$38.75	\$26.20/lb	\$18.72/lb	\$13.85/lb	
2889 Winter Bloomsdale - (unavailable in 2020)	\$2.95	\$9.15	\$24.50	\$76.50	\$67.20/lb	\$61.60/lb	\$54.00/lb	
SPINACH SEED - OPEN-POLLINATED - SOLD BY SEED COUNT	100	500	5 M	10 M	50 M	100 M	500 M	1000 M**
2872 Abundant Bloomsdale	\$2.95	\$3.25	\$1.80/M	\$1.40/M	\$1.20/M	\$1.00/M	\$0.80/M	\$0.97/M
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
2871 Escalade 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	\$3.85	\$1.90/M	\$1.30/M	\$1.10/M	\$0.94/M	\$0.92/M	\$0.87/M
2867 Shelby F1 - (unavailable in 2020)	\$2.95	\$3.30	\$1.47/M	\$0.95/M	\$0.84/M	\$0.74/M	\$0.69/M	\$0.64/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more. **For 1000 M, add \$14.

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Summer Squash

Cucurbita pepo

June emasculates the Smooth Operator F1 female parent line for a hybrid seed production.

SUMMER SQUASH

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



Green Machine F1



Dark Green



Desert F1



Dunja F1



Goldy F1



Yellowfin F1

2890 **Green Machine F1** 45 days

HYBRID • IR: **CMV, PM, WMV, ZYMV** • Open habit • Harvest at 7-8"

Aply 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 • Bush habit • 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"

An organic yellow zucchini with powdery mildew resistance! Uniform, cylindrical fruits with pure gold color and 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.

2894 **Cha-Ching F1** 52 days

HYBRID • **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.

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 vigorous, 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 days

OP • OSS! • **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

2914 **Smooth Operator F1** 50 days

HYBRID • 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 are paid to the breeder.

2908 **Success PM Straightneck** 50 days

OP • 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 Organic Seeds and Cornell's Vegetable Breeding Institute. A portion of the sales of this variety are paid to the breeder.

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

new 2898 **Mexicana F1** 47 days

HYBRID • IR: **CMV, PM, PRS, WMV, ZYMV** • Open habit • Harvest at 6-8"

Medium green fruits with small blossom ends 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.

2912 **Benning's Green Tint** 52 days

HEIRLOOM • Patty pan-type • Bush habit • Harvest at 3-4" diameter

Prolific patty pan with striking pale green fruits that mature to a creamy white. Bush habit of plants provide 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 beautiful addition to squash mixes for market or kitchen harvests.



Cha-Ching F1



Costata Romanesco



Dark Star



Midnight Lightning



Cocozelle



Smooth Operator F1



Success PM Straightneck



Yellow Crookneck



Mexicana F1



Benning's Green Tint



Ronde de Nice



Y-Star F1

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!

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	25 lb*
2912 Benning's Green Tint Specialty	\$2.95	\$7.40	\$19.60	\$31.50	\$52.35	\$41.60/lb	\$37.80/lb
2896 Cocolle Zucchini	\$2.95	\$7.80	\$21.00	\$33.35	\$53.50	\$46.00/lb	\$39.80/lb
2895 Costata Romanesco Zucchini	\$2.95	\$8.80	\$25.25	\$53.00	\$77.50	\$75.00/lb	\$70.40/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	\$2.95	\$7.60	\$22.00	\$34.90	\$53.50	\$48.00/lb	\$41.60/lb
2908 Success PM Straightneck Summer	\$2.95	\$6.15	\$10.20	\$25.50	\$36.75	\$29.60/lb	\$27.00/lb
2910 Yellow Crookneck Summer	\$2.95	\$6.10	\$10.25	\$25.50	\$36.75	\$31.60/lb	\$26.52/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
2894 Cha-Ching F1 Zucchini	\$3.95	\$9.45	\$19.40	\$62.25	\$59.00/M	\$54.00/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	\$102.00	\$91.40/M	\$81.60/M
2898 Mexicana F1 Zucchini	\$7.45	\$17.35	\$36.00	\$115.00	\$101.00/M	\$88.20/M
2914 Smooth Operator F1 Summer	\$7.00	\$15.00	\$38.00	\$120.00	\$80.00/M	\$72.00/M
2917 Y-Star F1 Specialty	\$6.60	\$17.00	\$40.00	\$127.50	\$102.00/M	\$90.00/M
2899 Yellowfin F1 Zucchini	\$7.45	\$17.35	\$36.00	\$115.00	\$101.00/M	\$88.20/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

PAIN-FREE PICKING: **SMOOTH OPERATOR**

At a certain point in the season, summer squash plants grow into a dense jungle of enormous leaves and long, hollow stems that require your whole body to climb into the plants and harvest what seem like endless quantities of hidden fruits. While this makes for great adventures, the large, spiny stems of the squash can scratch your skin which can be irritating, and even worse can damage the tender flesh of the harvested squash. Smooth Operator is a thin, elegant, yellow squash whose beauty and productivity alone merit planting, season after season. Even more incredible are the spineless stems of the squash plants that allow for pain free picking and smooth operations.

- **Robust and productive plants** highly resistant to Powdery Mildew
- **Smooth skinned, yellow fruit** that is delicate and slim with refined sweetness
- **Spineless plants for pain-free picking** and more undamaged, marketable fruit
- **Upright, open growth habit** for easy harvest



Winter Squash

Cucurbita spp.

Charles uncovers a seed production crop of winter squash in preparation for pollination.

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 • **HMOs EXCLUSIVE** • 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. Out-performed 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 midsize 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 mildew.



Sugarbush F1



Sweet REBA



Havana F1



Nutterbutter



Brûlée



Tiana F1



Waltham, Havana F1, Tiana F1, Nutterbutter, Brûlée, Honeynut



Autumn Frost F1



Bush Delicata



Sugar Dumpling F1



Bagheera F1



Sunshine F1



Waltham



Honeynut



Delicata



Honey Boat



Green Hokkaido



Red Kuri

new 2927 Autumn Frost F1 100 daysHYBRID • 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 • Stores well • 0.5-1 lbs

Adorable, serving size mini butternut with dark tan skin and great sweet flavor. Delectable squash is smaller than Ponca with more 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 are paid to the breeder.

DELICATA & DUMPLING - C. pepo**2951 Bush Delicata 80 days**OP • PVP • IR: **PM** • Semi-bush habit • 1.5-2 lbs

Compact, 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. Compact plants spread only 4-6 feet. All-America Selections (AAS) winner bred by Molly Jahn and George Moriarty at Cornell University.

2955 Sugar Dumpling F1 90 daysHYBRID • 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 are 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. Limited availability in 2020.

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 are paid to the breeder.

2935 Green Hokkaido 95 days

OP • Vining • 2-3.5 lbs

Dark green fruits with vibrant orange flesh offer flavor and storability. Perfect for pairing with Red Kuri for an attractive fall market display, Green Hokkaido is a popular winter squash for its particularly fine flavor. Storage length is slightly less than orange varieties. Vigorous plants with long vines.

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 HMOS strain with enhanced uniformity.

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 prefer Blue Hubbard above all. *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. A portion of the sales of this variety are paid to the breeder. *C. maxima*

2839 Crown Pumpkin 100 days

HEIRLOOM • Stores well • Superb flavor • 6-10 lbs

A delicious eating pumpkin with hard, blue-grey skin and rich orange flesh. Superb sweet and nutty flavor! Once part of the Koanga Gardens collection of heritage seeds in New Zealand, Crown was nearly lost before we brought it back into production. A portion of sales are paid to Jeremy Weiss from East Calais, Vermont, who made selections, improving the strain to better reflect its original characteristics. *C. maxima*. Limited availability.

2822 Black Futsu 105 days

HEIRLOOM • Stores well • 3-5 lb fruit

Rare Japanese specialty for the porch or table with unique black, warty skin and nutty, fresh flavor. Bright orange flesh has firm texture that is sweet and buttery roasted or light and fruity raw. Delicious julienned and quick-cured with salt in winter slaw! Fruits ripen in winter storage, when the green halo between the flesh and skin disappears and skin turns from black to chestnut. 3-5 pumpkins/plant. *C. moschata*. Unavailable in 2020.



Orangeti F1



Spaghetti



Baby Blue Hubbard



Burgess Buttercup



Crown Pumpkin



Black Futsu

WINTER SQUASH SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT	1/8 oz	1/2 oz	2 oz	1/2 lb	1 lb	5 lb	25 lb*
2925 Baby Blue Hubbard	\$2.95	\$7.95	\$13.95	\$42.25	\$66.25	\$56.10/lb	\$47.00/lb
2822 Black Futsu - (unavailable in 2020)	\$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 Squash	\$2.95	\$4.60	\$11.75	\$23.50	\$40.75	\$35.00/lb	\$31.00/lb
2951 Bush Delicata	\$2.95	\$7.15	\$19.75	\$66.50	\$120.50	\$101.00/lb	\$100.00/lb
2839 Crown Pumpkin - (limited availability)	\$2.95	\$7.00	\$15.00	\$43.00	\$65.00	\$59.00/lb	\$56.00/lb
2950 Delicata	\$2.95	\$7.40	\$17.35	\$43.75	\$73.00	\$65.20/lb	\$58.00/lb
2935 Green Hokkaido Kuri	\$3.50	\$7.00	\$18.00	\$55.00	\$90.00	\$75.00/lb	\$66.00/lb
2952 Honey Boat Delicata - (limited availability in 2020)	\$3.75	\$10.25	\$30.00	\$95.00	\$150.00	\$119.00/lb	\$100.00/lb
2942 Honeynut Butternut	\$3.85	\$8.00	\$23.00	\$68.00	\$105.00	\$95.00/lb	\$84.00/lb
2960 Red Kuri	\$2.95	\$6.65	\$14.00	\$32.00	\$45.00	\$40.00/lb	\$35.60/lb
2945 Spaghetti	\$2.95	\$4.40	\$13.25	\$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	\$23.50	\$40.75	\$33.60/lb	\$28.80/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 Squash	\$4.50	\$15.00	\$42.00	\$125.00	\$108.00/M	\$94.00/M	\$90.00/M
2946 Bagheera F1 Squash	\$4.95	\$12.75	\$31.00	\$95.00	\$85.00/M	\$74.00/M	\$65.00/M
2949 Havana F1 Butternut Squash	\$4.50	\$15.00	\$42.00	\$125.00	\$112.00/M	\$100.00/M	\$94.50/M
2944 Orangeti F1 Spaghetti Squash	\$5.10	\$16.35	\$46.00	\$133.00	\$121.00/M	\$116.00/M	\$107.50/M
2955 Sugar Dumpling F1 Squash	\$7.00	\$13.00	\$28.00	\$90.00	\$77.00/M	\$66.00/M	\$60.00/M
2926 Sugarbush F1 Acorn Squash	\$7.00	\$13.00	\$28.00	\$90.00	\$77.00/M	\$66.00/M	\$60.00/M
2954 Sunshine F1 Squash	\$5.00	\$16.00	\$40.00	\$88.00	\$77.00/M	\$70.00/M	\$68.50/M
2948 Tiana F1 Butternut Squash	\$5.00	\$18.00	\$40.00	\$120.00	\$99.00/M	\$89.00/M	\$82.25/M

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

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

WINTER SQUASH



Tomatoes

Solanum lycopersicum

Monique and Taylor collect tomatoes from our trials fields for evaluation.

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 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, 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**, **TMV-Tobacco 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.

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

BEEFSTEAK - 12-16 oz



Cherokee Purple



Pruden's Purple



Damsel F1



Cherokee Carbon F1



German Johnson



Frederik F1

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, VW** • 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.

new 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.

new 2992 Frederik F1 76 days

GREENHOUSE • HR: **FCR, FW (1,2), LM, TMV** / 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.

3171 **Caiman F1** 80 days

GREENHOUSE • HR: **FW, LM, TMV, VW** / 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.

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.

3055 **Yellow Brandywine** 82 days

HEIRLOOM • Indeterminate • 16 oz

Sweet, rich-tasting heirloom. Similar flavor, appearance and plant habit to the famous Brandywine, with large gold fruits. Golden flesh is smooth, juicy and delectable with relatively low acids. 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. *Limited availability in 2020.*

SLICERS - 8-12 oz

new 2995 **Galahad F1** 55 days

HYBRID • HR: **FW (1-3), GLS, LB, TSWV, VW** / 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 are paid to the breeder.

3102 **Arbason F1** 80 days

GREENHOUSE • HR: **FW (0-1), TMV (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.

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.



Caiman F1



Brandywine



Yellow Brandywine



Copia



Cosmonaut Volkov



Galahad F1



Mountain Princess



Marmalade F1



Arbason F1



Moskvich



Crimson Sprinter



Indigo Apple



Iron Lady F1



Rose de Berne



Rutgers



Green Zebra



Tasti-Lee F1



Lola F1



Glacier



Red Racer F1



Jaune Flamme



Mountain Magic F1

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 are 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.

new 3031 Tasti-Lee F1 75 days

HYBRID • HR: **FW (1-3), VW** • Determinate • Good leaf cover • Superior flavor • 6-9 oz

Aggressive 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.

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!

3101 Lola F1 76 days

GREENHOUSE • HR: **FW, TMV, VW** / IR: **NEM** • Indeterminate • 7-9 oz

Bests all other greenhouse varieties in terms of early, sweet flavor. One of the earliest to set fruit in our grafted tomato trials. Round to slightly flattened globes are larger when pruned to 4-5 fruits per cluster. Firm texture holds well, but is not as tough as Arbason F1 which has a thicker skin.

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, TMV, VW** • Determinate • 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. *Unavailable in 2020.*

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 in the challenging climates of northern California. 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.

2973 **Montesino F1** 55 days

HYBRID • HR: **FW (0), TMV (0-2)** • Indeterminate • Field/greenhouse • Truss harvest • .5 oz

Small, Santa-type grape tomato with sweet-as-candy flavor. One of our first grape tomatoes to ripen and also one of the last, producing buckets of mouth-watering snacks all summer long. Trusses of firm, juicy fruits with delicious flavor. For the field or high tunnel; showed good field tolerance to late blight in our trials.

2971 **Toronjina F1** 55 days

GREENHOUSE • HR: **LM, FW (0-1), TMV (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.

new 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.

3006 **Bartelly F1** 60 days

GREENHOUSE • HR: **LM, TMV** • 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.

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.

3011 **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 are paid to the breeder.

3014 **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 marbling 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 are 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.

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.



Pink Boar



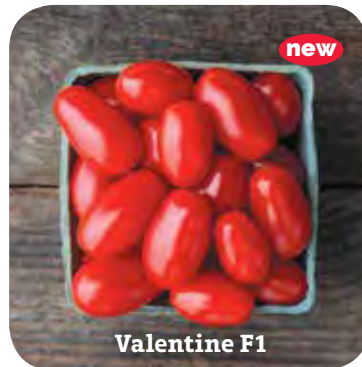
Matt's Wild



Montesino F1



Toronjina F1



Valentine F1



Bartelly F1



Midnight Pear



Esterina F1



Black Cherry



Supernova



Bing



Comet F1



Sungrazer F1



Sweetie



Moonbeam



Red Pear



Sunrise Bumblebee



Starlight



Yellow Pear



Sakura F1



Peacevine



Roma VF

3012 Comet F1 65 days

HYBRID • **HMOSEXCLUSIVE** • Indeterminate • .25 oz

Vigorous grape tomato with incredible productivity of uniform fruits that burst with sensational flavor. Flesh is firm and sweet, providing for excellent shelf life post-harvest and durability during transport. Eye catching in a small tomato mix, these little jewels pack a serious flavor punch and hold their own when compared to other productive grape tomatoes. 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 are paid to the breeder.

3013 Sungrazer F1 65 days

HYBRID • **HMOSEXCLUSIVE** • Indeterminate • .25 oz

An orange grape tomato with sun-kissed color and a celestial flavor profile. An orange grape to complement Comet F1. Vigorous plants produce impressive harvests and are bursting with flavor. Firm fruits can hold up to harvest and transport and complete a custom grape mix. 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 are paid to the breeder. *Unavailable in 2020.*

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!

new 3016 Moonbeam 68 days

OP • **HMOSEXCLUSIVE** • 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 are paid to the breeder.

3000 Red Pear 70 days

HEIRLOOM • Indeterminate • .75 oz

Prolific yields of bright red, perfectly pear-shaped fruits. Firm, sweet tomatoes that pop in your mouth. Couple with Yellow Pear for an attractive complementary display. Vigorous, prolific plants produce abundantly right up until frost.

3015 Starlight 70 days

OP • **HMOSEXCLUSIVE** • 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 are paid to the breeder.

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.

3010 Yellow Pear 70 days

HEIRLOOM • Indeterminate • Resists cracking • Suitable for truss harvest • .75 oz

Sweet, tangy yellow pear-shaped fruits. Similar in shape and size to Red Pear, with slightly more tart flavor. Mix with Red Pear or Indigo tomatoes for a complementary display of colors. Thick skin resists cracking.

2978 Sakura F1 70 days

GREENHOUSE • HR: **FW(0-1), LM, TMV(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.

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, TMV (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: **BSF, 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. Later ripening for a late succession harvest. A portion of the sales of this variety are paid to the breeder.

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!

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*

3182 **Purple Tomatillo** 75-80 days

HEIRLOOM • Semi-determinate
Rare purple tomatillo with exceptional appearance and excellent distinctive taste. Much sweeter than the green types with superb flavor eaten fresh from the plant, grilled or in salsa. Deep violet skin color bleeds into bright green interior flesh. Harvest after the papery husk has split, when fruits are golf ball-sized and skin has turned purple. *Physalis philadelphica*

ROOTSTOCK

2990 **Estamino F1**

HYBRID • HR: **FCR, FW (0-2), LM, TMV, 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, TMV, 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.



Granadero F1



Plum Perfect F1



Amish Paste



San Marzano



Toma Verde Tomatillo



Gilbertie



Goldie Ground Cherry



Purple Tomatillo

		TOMATO SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT					
		1/10 gram	1/2 gram	2 gram	8 gram	1 oz	1/4 lb
BEEFSTEAK	3050 Brandywine	\$2.95	\$6.95	\$13.20	\$22.50	\$60.50	\$200.00
	3052 Cherokee Purple	\$2.95	\$6.95	\$12.00	\$22.50	\$60.50	\$200.00
	3053 Copia - (limited availability in 2020)	\$2.95	\$6.85	\$15.60	\$41.15	\$68.55	\$172.00
	3063 German Johnson	\$2.95	\$5.80	\$11.00	\$18.90	\$50.40	\$168.00
	3090 Pruden's Purple	\$2.95	\$5.50	\$11.00	\$18.00	\$52.00	\$170.00
MIDSIZE	3055 Yellow Brandywine	\$2.95	\$6.00	\$10.00	\$21.00	\$50.00	\$165.00
	3060 Cosmonaut Volkov	\$2.95	\$6.50	\$13.00	\$22.00	\$60.00	\$195.00
	3086 Crimson Sprinter	\$2.95	\$6.00	\$13.65	\$36.00	\$60.00	\$172.00
	3065 Green Zebra	\$2.95	\$4.25	\$9.75	\$25.50	\$60.00	\$165.00
	2976 Moskvich	\$2.95	\$6.65	\$11.75	\$21.60	\$57.60	\$170.00
	3080 Mountain Princess	\$2.95	\$5.80	\$11.00	\$18.90	\$50.40	\$168.00
	3056 Rose de Berne	\$2.95	\$6.00	\$13.65	\$36.00	\$60.00	\$172.00
SD	3105 Rutgers	\$2.95	\$5.30	\$8.80	\$20.50	\$61.40	\$181.00
	3140 Glacier	\$2.95	\$7.75	\$17.00	\$45.00	\$80.00	\$220.00
CHERRY	2974 Jaune Flamme	\$2.95	\$7.00	\$15.95	\$42.00	\$70.00	\$200.65
	2972 Bing	\$2.95	\$6.75	\$15.50	\$40.50	\$68.00	\$195.00
	3004 Black Cherry	\$2.95	\$4.45	\$7.35	\$17.20	\$51.60	\$152.40
	2970 Matt's Wild	\$2.95	\$6.75	\$15.50	\$40.50	\$68.00	\$195.00
	2980 Peacevine	\$2.95	\$6.85	\$15.55	\$40.95	\$68.25	\$195.65
	3000 Red Pear	\$2.95	\$5.30	\$8.80	\$20.50	\$61.00	\$180.00
	2975 Sweetie	\$2.95	\$4.90	\$8.10	\$18.90	\$56.50	\$167.00
	3010 Yellow Pear	\$2.95	\$4.90	\$8.15	\$18.90	\$56.75	\$167.50
PASTE	3020 Amish Paste	\$2.95	\$7.50	\$14.30	\$24.50	\$65.50	\$218.00
	3040 Gilbertie	\$2.95	\$7.75	\$17.00	\$45.00	\$80.00	\$220.00
	3043 Roma VF	\$2.95	\$5.30	\$8.80	\$20.50	\$61.00	\$180.00
	3047 San Marzano	\$2.95	\$6.95	\$13.20	\$22.50	\$60.50	\$200.00
TOMA	3181 Goldie Ground	\$2.95	\$7.00	\$14.00	\$34.00	\$89.00	\$260.00
	3182 Purple Tomatillo	\$2.95	\$5.80	\$8.15	\$13.25	\$35.50	\$118.00
	3180 Toma Verde Tomatillo	\$2.95	\$3.50	\$4.85	\$13.00	\$38.00	\$105.00
		TOMATO SEED - OPEN-POLLINATED - SOLD BY SEED COUNT					
		10	25	100	500	1 M	5 M
SD 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
CHERRY	3011 Midnight Pear	\$5.00	\$9.00	\$28.00	\$115.00	\$185.00	\$163.00/M
	3016 Moonbeam	\$5.00	\$9.00	\$28.00	\$115.00	\$185.00	\$163.00/M
	3015 Starlight	\$5.00	\$9.00	\$28.00	\$115.00	\$185.00	\$163.00/M
	2988 Sunrise Bumblebee	\$2.95	\$3.60	\$8.00	\$26.00	\$41.00	\$30.00/M
	3014 Supernova	\$5.00	\$9.00	\$28.00	\$115.00	\$185.00	\$163.00/M
		TOMATO SEED - HYBRID - SOLD BY SEED COUNT					
		10	25	100	500	1 M	5 M
BS	3171 Caiman F1	\$8.70	\$17.00	\$47.00	\$165.00	\$264.00	\$240.00/M
	2994 Cherokee Carbon F1	\$4.20	\$6.45	\$15.50	\$57.50	\$99.50	\$89.00/M
	3008 Damsel F1	\$7.00	\$12.00	\$32.00	\$125.00	\$205.00	\$197.00/M
	2995 Galahad F1	\$7.00	\$12.00	\$32.00	\$125.00	\$205.00	\$197.00/M
MIDSIZE	3102 Arbason F1	\$6.00	\$9.20	\$24.00	\$95.00	\$175.00	\$169.00/M
	2992 Frederik F1	\$17.00	\$35.00	\$72.00	\$335.00	\$643.00	\$567.80/M
	3062 Iron Lady F1	\$5.65	\$8.50	\$25.00	\$85.00	\$145.00	\$110.00/M
	3101 Lola F1	\$5.40	\$8.25	\$21.25	\$75.00	\$135.00	
	3165 Marmalade F1	\$4.60	\$7.20	\$21.00	\$73.50	\$120.00	\$97.80/M
SD	3031 Tasti Lee F1	\$6.20	\$9.50	\$28.40	\$105.00	\$198.00	\$188.00/M
	3030 Mountain Magic F1 - (unavailable in 2020)	\$9.75	\$11.50	\$33.00	\$120.00	\$222.00	\$208.80/M
	3009 Red Racer F1	\$6.00	\$9.00	\$28.00	\$100.00	\$185.00	\$176.40/M
	3006 Bartelly F1	\$8.00	\$16.00	\$54.00	\$225.00	\$415.00	\$390.00/M
	3012 Comet F1	\$5.00	\$9.00	\$28.00	\$115.00	\$185.00	\$163.00/M
CHERRY	2981 Esterina F1	\$4.20	\$6.45	\$15.50	\$57.50	\$99.50	\$89.00/M
	2973 Montesino F1	\$6.20	\$9.50	\$28.40	\$105.00	\$198.00	\$188.00/M
	2978 Sakura F1	\$5.50	\$8.25	\$26.00	\$93.00	\$175.00	\$160.00/M
	3013 Sungrazer F1 - (unavailable in 2020)	\$5.00	\$9.00	\$28.00	\$115.00	\$185.00	\$163.00/M
	2971 Toronjina F1	\$7.50	\$14.00	\$45.00	\$195.00	\$350.00	\$300.00/M
	2993 Valentine F1	\$6.50	\$9.00	\$29.00	\$99.00	\$185.00	\$156.00/M
P	3172 Granadero F1	\$8.00	\$13.35	\$22.50	\$86.00	\$156.00	\$150.00/M
	3025 Plum Perfect F1	\$5.40	\$8.25	\$21.25	\$75.00	\$135.00	\$97.00/M
RS	2991 Fortamino F1	\$9.75	\$12.75	\$36.00	\$154.00	\$290.00	\$240.00/M
	2990 Estamino F1	\$9.75	\$12.75	\$36.00	\$154.00	\$290.00	\$240.00/M

Larger volumes available; please call for pricing.

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.

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

	25	100
94938 Side Grafting Clips	\$5.00	\$15.00
94928 Top Grafting Clips - 1.5mm	\$3.50	\$8.00
94929 Top Grafting Clips - 2mm	\$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

Turnips & other roots

Taylor holding Purple Top White Globe turnips and Steven holding Scarlet Ohno Revival turnips on the High Mowing farm.

CULTURAL INFO: Days to maturity is 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 vitamin-rich, 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, 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 111 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 well 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.

3190 Hinona Kabu 45 days

OP • Fresh eating • Gourmet • 10-12" long

Striking Japanese salad turnip with bright purple shoulders and a long, slender white root. Beautiful in bunches with spicy, sweet flavor that is great for salads, pickles or cooked. Caramelize with butter, sugar and soy sauce for a delicious side dish. Edible dark green tops with purple veining are tasty and attractive!



Tokyo Market



Hinona Kabu



Scarlet Ohno Revival



Golden Globe



Purple Top White Globe



Joan Rutabaga



Halblange Parsnip



Lancer Parsnip

3184 Scarlet Ohno Revival 50 days

OP • OSSI • 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 who love its 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.

3186 Golden Globe 55 days

OP • Spring/fall crop • Roasting/storage • 4" roots

Specialty variety with beautiful golden color and delicate flavor. Our strain is more tapered than globe-shaped and has strong exterior skin. The quality and tenderness is optimal when harvested at 4". Plants perform best in early spring or late summer to fall.

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.

RUTABAGA - Brassica napus**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.

PARSNIP - Pastinaca sativa**3188 Halblange Parsnip 120 days**

OP • High yielding • Very uniform • 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.

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.

TURNIPS & ROOT SEED - OPEN POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	2 oz	1 lb	5 lb	25 lb*
3186 Golden Globe Turnip	\$2.95	\$4.05	\$12.25	\$45.90	\$37.60/lb	\$25.60/lb
3188 Halblange Parsnip	\$2.95	\$5.10	\$35.00	\$143.00	\$112.00/lb	\$104.00/lb
3190 Hinona Kabu Turnip	\$2.95	\$5.35	\$28.55	\$116.00	\$97.00/lb	\$79.60/lb
3187 Joan Rutabaga	\$2.95	\$5.45	\$28.00	\$165.00	\$130.00/lb	\$120.00/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	\$2.95	\$5.35	\$28.75	\$116.25	\$97.00/lb	\$71.40/lb

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Why We GROW

“I've always been fascinated by plants and their seeds. The stories they hold, their history and origin, the way in which a seed tells us what it likes and what it needs. For me that's the most exciting thing about farming. Having a relationship with something that has so much potential.”

—Lauren of Georgia Organics, Georgia



“Valley Verde was formed in 2008 to address food insecurity in low-income communities in Santa Clara County. We have been teaching families how to grow organic vegetable gardens [with] heritage seedlings themselves in their own personal backyard greenhouses.”

—Claudia of Valley Verde Farm, California



Watermelon

Citrullus lanatus



Monique and Taylor evaluate watermelons for taste.

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 watermelons darken, 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.

WATERMELON

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 variety 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. Solid dark green rind and crimson flesh. Fruits average 8" across. Vines reach 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 melons with dark green striping and slightly oblong shape. Flesh is deep pink with excellent sweet flavor and dense, fine-grained texture. Long shelf life and the highest yields of any hybrid melon in our trials! 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.

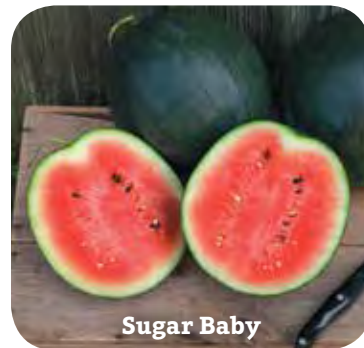
3197 **Klondike Blue** 85 days

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.



Baby Doll F1



Sugar Baby



Blacktail Mountain



Tom F1



Crimson Sweet



Klondike Blue



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.

3207 **Ali Baba** 100 days

HEIRLOOM • Ships and stores well • 16-25 lbs

Vigorous plants with large oblong fruit and superb flavor, one of our staff favorites! Unique, hard apple-green rinds are perfect for shipping and storage. Excellent sweet flavor with a fine-grained crisp texture. Ali Baba will win a spot in your heart with its unusual appearance and few seeds!

WATERMELON SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb	5 lb
3207 Ali Baba	\$2.95	\$7.90	\$15.80	\$48.30	\$134.00	\$110.00/lb
3196 Blacktail Mountain	\$2.95	\$8.50	\$17.00	\$50.00	\$150.00	\$115.00/lb
3205 Crimson Sweet	\$2.95	\$5.80	\$7.00	\$16.00	\$45.00	\$35.00/lb
3197 Klondike Blue	\$2.95	\$8.80	\$19.75	\$60.00	\$170.00	\$127.00/lb
3195 Moon and Stars	\$2.95	\$6.30	\$16.30	\$50.40	\$120.80	\$100.00/lb
3200 Sugar Baby	\$2.95	\$4.60	\$5.40	\$12.25	\$29.00	\$27.00/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.

Good For You

VDF Specialty Seeds: An Organic Solution to Downy Mildew in Basil

David Van Drunen is the newest generation operating the Van Drunen Family Farm in Momence, Illinois. David's grandfather initially used the family land to grow fruits and vegetables that he would drive into Chicago and sell at local markets. This desire to nourish people and steward land remains at the heart of the enterprise and serves as a touchstone for David as he continues to explore ways to evolve the family farm and build on their organic production systems.

After working in every department of their whole foods-based business, David found his calling in the fields growing a variety of organic crops and specializing in herbs. As David evolved as a grower, he experienced firsthand the hard lessons dealt by weather, pests, and diseases, especially in organic cultivation. Every season, David would lose his entire organic basil crop to downy mildew overnight. This devastating blow is one every organic grower can relate to; crop loss presents a serious threat to farmers, but David wasn't about to give up on growing his basil organically.

Knowing that this was a roadblock for others seeking a consistent production of organic basil, the Van Drunen family reached out to Rutgers University in hopes of finding a solution through breeding. After years of selecting from a cross between a culinary basil

and a woody, wild relative found in Zanzibar, Rutgers deemed the downy mildew resistant basil strains ready for organic production.

David recognized that this incredible innovation would help farmers beyond just the Van Drunen family, and VDF Specialty Seeds was born to help facilitate accessibility of the improved genetics. VDF Specialty Seeds now produces the seed for these downy mildew resistant basil varieties and partners with seed companies like High Mowing to get the varieties into the hands—and soil—of organic growers.

It is partnerships like this that bring hope and excitement to our team at High Mowing. Not only is VDF Specialty Seeds bringing a

dynamic, genetic solution into basil cultivation, but they are making the choice to grow the seed organically. This new tool in the organic toolbox has a butterfly effect of benefits that start from the cultivation of the seed crop and end with healthy, productive basil yields on farms and gardens.

Our partnership with VDF Specialty Seeds is rooted in a shared passion for providing farmers and gardeners with the resources they need to grow in ways that support the well being of our planet.

Our relationship with VDF Specialty Seeds and their downy mildew resistant basil is one example of how our tireless search for high quality, organic seed is good for you.



Grant Bouwer, Janet Brink, and David Van Drunen stand in front of a beautiful crop of their organically grown, DMR basil.

Herbs



Acres of organically produced Rutgers Obsession DMR basil from our partners at VDF Specialty Seeds.

Herbs are a great addition to any home garden, farmstand, CSA box or farmers market table. 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 FI 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.

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

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*



Greek



Lemon

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 can be added to bouquets to lend a wonderful lemony fragrance. A smaller-leaf variety, reaching 15" tall. 15M seeds/oz. *O. basilicum*



Sweet Thai



Eleonora

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*

5002 **Eleonora** 65 days

OP • UP • IR: **DM** • Upright habit

"Pesto type" basil with intermediate downy mildew resistance. Innovative European breeding resulting in upright plants with more elongated stems for better airflow and intermediate downy mildew resistance. Large, medium green, lightly serrated leaves with good flavor. Well suited to field or container production. Not as bolt tolerant. From Vitalis Organic Seeds. 18M seeds/oz. *O. basilicum*

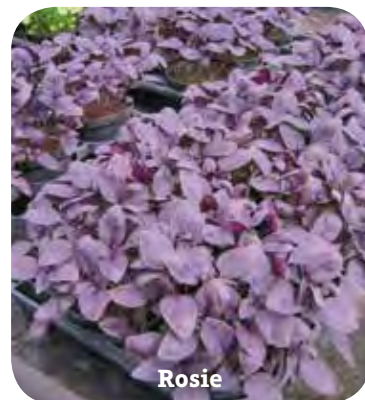
5020 **Purple Dark Opal** 65 days

OP • Edible and ornamental • Ideal for vinegars • Compact

Glossy deep purple leaves striking enough to be ornamental! Delicious in vinegars or as a garnish. Strong flavor well suited to cooking. Beautiful pale purple flowers with deep purple leaves and stems—ideal for adding to bouquets. Average height is 8-10". 21M seeds/oz. *O. basilicum*



Purple Dark Opal



Rosie

5037 **Rosie** 65 days

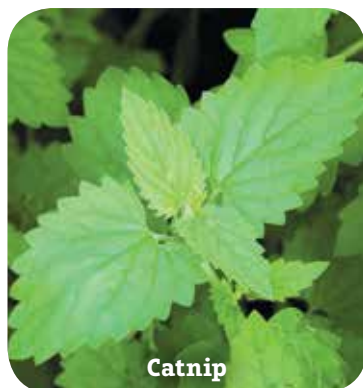
OP • Compact, upright habit • Edible and ornamental

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*



Why We GROW

“The excitement you feel putting those first few seeds in the ground, wondering if all the months of planning, planting, and forecasting will all align. —Joe & Marcia of Coleman Gardens, Ohio”



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*

new 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 our friends at 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 I. 18.5M seeds/oz. *O. basilicum*

new 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*

new 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*

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*

5043 Italian Large Leaf 78 days

OP • Excellent for processing • Slow to bolt

Large-leaf Genovese-type with huge dark green leaves up to 4" long.

Great for pesto and Italian cuisine, perfect for when you need a lot of basil on hand. Sweeter fragrance and flavor than Genovese. Large plants reach 24-30" tall. 18M seeds/oz. *O. basilicum*

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.

CHAMOMILE - *Matricaria recutita*

6020 German Chamomile 75 days

OP • 24-30" tall • Spreading habit • Tea plant

Self-seeding annual with tiny daisy-like flowers excellent dried for tea. Closely related to Roman chamomile, which has many of the same medicinal properties. Direct seed outdoors, sprinkle seed onto soil and rake in gently, being careful not to bury seeds. Thin to 4-6" apart. Harvest flower heads regularly for best yields. 300M seeds/oz. Unavailable in 2020.



German Chamomile



Chives

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*. Limited availability in 2020.

5080 Garlic 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*



Garlic Chives



Caribe

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.



Santo



Greensleeves

new 5055 Leisure 55 days leaf, 100 seed

OP • Slow to bolt • Cut and come again

Reliable standard cilantro with exceptional bolt resistance and strong 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. From our partners at Condor Seeds. 5.6M seeds/oz.



Leisure

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.



Bouquet



Lemon Balm

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.



Sweet Marjoram



Superior Licorice Mint



Greek Oregano



Giant Italian



Italian Flat Leaf



Krausa Parsley



Fanni Common Sage



Summer Savory

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.

KOREAN MINT - *Agastache rugosa*6050 **Superior Licorice Mint** 80 days

OP • OSS1 • Aromatic • Medicinal • Attracts pollinators

Large mint-anise flavored leaves blush 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.

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.

new 5108 **Krausa Parsley** 75 days

OP • Curled-leaf parsley • Biennial

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.

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 - *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.



Sorrel



Candy® Stevia

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.



Thyme

HERB SEED - HYBRID - SOLD BY SEED WEIGHT		1/32 oz	1/8 oz	2 oz	1/2 lb	1 lb	5 lb	25 lb*		
5036 Aroma 2 Fl Basil		\$3.80	\$6.95	\$25.90	\$89.00	\$149.00	\$145.60/lb	\$141.00/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	25 lb*	100 lb*
5060 Bouquet Dill		\$2.95	\$3.90	\$4.50	\$9.00	\$15.50	\$20.00	\$18.00/lb	\$16.60/lb	\$15.00/lb
5051 Caribe Cilantro			\$2.95	\$6.25	\$12.05	\$38.75	\$62.00	\$58.15/lb	\$44.80/lb	\$35.75/lb
6010 Catnip		\$2.95	\$6.95	\$9.95	\$23.00	\$84.00	\$156.50	\$145.80/lb	\$135.80/lb	
5040 Chives - (limited availability in 2020)		\$2.95	\$4.00	\$10.00	\$27.00	\$95.00	\$150.00	\$130.00/lb	\$110.40/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	\$38.00	\$33.00/lb	\$28.20/lb	
5104 Giant Italian Parsley		\$2.95	\$3.50	\$4.85	\$8.50	\$24.00	\$38.00	\$34.50/lb	\$31.52/lb	\$28.96/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	
5103 Grune Perle Parsley		\$2.95	\$5.00	\$8.00	\$20.00	\$60.00	\$95.00	\$77.00/lb	\$64.00/lb	
5110 Italian Flat Leaf Parsley		\$2.95	\$3.25	\$4.00	\$9.00	\$22.00	\$36.00	\$32.00/lb	\$26.00/lb	\$21.00/lb
5043 Italian Large Leaf Basil		\$2.95	\$3.75	\$5.85	\$13.00	\$40.00	\$54.25	\$49.60/lb	\$46.00/lb	
5055 Leisure Cilantro			\$2.95	\$4.00	\$6.00	\$9.00	\$14.00	\$11.00/lb	\$8.60/lb	\$8.05/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	
5020 Purple Dark Opal Basil		\$2.95	\$7.00	\$12.00	\$32.00	\$72.00	\$120.00	\$105.00/lb	\$94.00/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	\$5.00	\$7.00	\$9.00	\$15.00	\$12.00/lb	\$10.00/lb	\$9.15/lb
2497 Sorrel		\$2.95	\$6.00	\$17.00	\$35.00	\$105.00	\$165.00	\$145.00/lb		
5031 Sweet Thai Basil		\$2.95	\$5.00	\$10.00	\$25.00	\$95.00	\$150.00	\$115.00/lb	\$100.00/lb	
HERB SEED - HYBRID - SOLD BY SEED WEIGHT	1/10 gram	1 gram	8 gram	1 oz	1/4 lb	1 lb	5 lb	25 lb*		
5006 Prospera Fl Basil		\$2.95	\$3.50	\$9.00	\$26.00	\$75.00	\$250	\$230.00/lb		
HERB SEED - OP - SOLD BY SEED WEIGHT	1/10 gram	1 gram	8 gram	1 oz	1/4 lb	1 lb	5 lb	25 lb*		
6020 German Chamomile - (unavailable in 2020)		\$2.95	\$6.50	\$10.85	\$23.95	\$70.85	\$255.00	\$232.00/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	\$11.00/M	\$28.00	\$80.00	\$265.00	\$250.00/lb		
5008 Rutgers Obsession DMR Basil		\$2.95	\$4.00	\$11.00/M	\$28.00	\$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	\$28.00	\$87.00	\$276.00	\$260.00/lb	\$227.16/lb	
HERB SEED - OP - SOLD BY SEED COUNT	25	100	500	1 M	5 M	25 M	100 M	500 M	1000 M	
6030 Candy Stevia		\$3.95	\$8.50	\$37.00	\$62.00	\$42.00/M				
5002 Eleonora Basil			\$2.95		\$3.50	\$1.20/M	\$0.36/M	\$0.32/M	\$0.25/M	
5108 Krausa Parsley			\$6.00		\$40.00	\$30.00/M	\$25.00/M			

Larger volumes available; please call for pricing. *Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

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

Flowers

The Morrison Family of Tempel Farms Organics in Old Mill Creek, Illinois enjoy some late afternoon sun in a patch of Double Click Cosmos.

We have selected these easy-to-grow flower varieties for their individual beauty 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 follows variety descriptions. M=1,000.

FLOWERS



Roggli Riesen
Strawflower



Las Vegas Mix
Globe Amaranth



Strawberry Fields Globe Amaranth



Sea Lavender Mix



Sweet Alyssum

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

new 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

new 7211 Strawberry Fields Globe Amaranth 95 days

OP • Globe amaranth • Cut or dried flowers • 18-24" tall • Annual
Brilliant red globe amaranth with long, sturdy stems perfect for fresh cut flowers and for dried floral arrangements. These productive plants fill a garden space with multitudes of bright red globes in a tight bush habit. The durable stems are great for bouquets and the flowers hold their beautiful color when dried. With long field holding quality, the entire plant can be pulled at the close of the season to preserve the flowers. Great addition to the Las Vegas Mix. *Gomphrena haageana*. 13M seeds/oz. 50 seeds: \$4.50, 500 seeds: \$16.00, 1M: \$25.00, 5M: \$17.00/M

new 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. Limited availability in 2020. 1/32 oz: \$2.95, 1/8 oz: \$7.00, 1/2 oz: \$20.00, 2 oz: \$65.00

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*

new 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, 2 oz: \$18.00, 1/4 lb: \$22.00, 1 lb: \$55.00, 5 lb: \$45.00/lb, 25lb: \$34.00/lb**

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: \$4.00, 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: \$5.00, 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: \$5.50, 1/2 oz: \$16.50, 2 oz: \$55.10, 1/2 lb: \$132.30, 1 lb: \$183.80**

7019 **Strawberry Blonde** 80 days

OP • OSS! • 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: \$9.00, 1/2 oz: \$24.00, 2 oz: \$70.00**

CLEOME - *Cleome hasslerana*

7030 **Violet Queen** 75 days

OP • Tall garden classic • Attracts bees and hummingbirds • 36-42" tall • Annual

Tall plants with firework-like vibrant purple petals. Sun-loving late summer bloomer attracts bees and hummingbirds. Cold stratification is necessary for germination (5-10 days in the fridge). Use gloves when handling plants as they have thorns. Direct seed spring through early summer 1/4" deep, thin to a 12-18" spacing. Approx. 6.5M seeds/oz. **1/64 oz: \$2.95, 1/8 oz: \$10.00, 1/2 oz: \$18.50, 2 oz: \$61.80**

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 hardestiest 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: \$4.70, 1/2 oz: \$8.25, 2 oz: \$24.00, 1/2 lb: \$75.00, 1 lb: \$135.00, 5 lb: \$115.00/lb, 25 lb*: \$106.00/lb**

*Please see shipping charges on page 55 for individual items weighing 25 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: \$7.50, 1/2 oz: \$20.00, 2 oz: \$40.00, 1/2 lb: \$75.00**



Garnet Red Amaranth



Polka Dot Blend



Pacific Beauty Blend



Resina



Strawberry Blonde



Violet Queen



Bright Lights Blend



Echinacea purpurea



Double Click Blend



Sensation Blend



Sea Shells Blend



Galilee Blend Larkspur



Dark Orange



Pinwheel



Tangerine Gem



Mexican Sunflower



Alaska Mix

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: \$4.00, 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: \$40.00

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, especially 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

new 7071 Tangerine Gem 85 days

OP • Prolific garden ornamental • Edible salad flower • Annual

Attractive carpet of edible orange flowers that are prolific and support foraging pollinators. These small, enchanting little blooms are a perfect addition to a summer salad or salad mix with a spicy flavor and delightful citrus scent. Plants have a very compact habit that is suitable for garden and container growing. *Tagetes signata*. Approx. 28.3M seeds/oz. 1/32 oz: \$2.95, 1/8 oz: \$7.00, 1/2 oz: \$15.00, 2 oz: \$53.00

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: \$7.00, 2 oz: \$17.50, 1/2 lb: \$47.00, 1 lb: \$65.00, 5 lb: \$55.00/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: \$9.50, 2 oz: \$20.50, 1/2 lb: \$60.00, 1 lb: \$95.00, 5 lb: \$80.00/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: \$9.00, 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

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: \$5.00, 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. *Limited availability in 2020.*
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: \$30.00/M, 25M seeds: \$27.60/M**



Dwarf Jewel Blend



Nasturtium Blend



Jasmine Scented Nicotiana



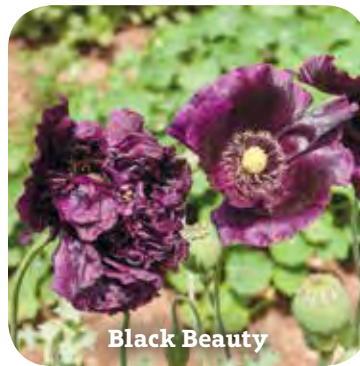
California Orange



Pierrot



Planète Rouge du Jura



Black Beauty



Lion's Mouth Blend



Zohar F1



Teddy Bear



Goldy Double



Lemon Queen



Hella Sonnenblume



Soraya



Evening Colors Blend



Autumn Beauty Blend



Hopi Black Dye



Velvet Queen



Mammoth

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. *Limited availability in 2020.* 1/16 oz: \$2.95, 1/4 oz: \$6.30, 1 oz: \$10.20, 1/4 lb: \$22.10, 1 lb: \$52.50

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

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: \$75.00, 1 lb: \$215.00

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: \$7.15, 1 oz: \$9.43, 1/4 lb: \$20.15, 1 lb: \$65.00

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 selection with lots of oil-rich seeds. Approx. 1.1M seeds/oz.

1/16 oz: \$2.95, 1/4 oz: \$6.60, 1 oz: \$8.00, 1/4 lb: \$27.00, 1 lb: \$68.00

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, where 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 hundreds years from now. Approx. 500 seeds/oz. *Unavailable in 2020.* 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: \$29.40, 1 lb: \$79.80

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: \$17.50, 1 lb: \$26.50, 5 lbs: \$22.00/lb

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: \$5.00, 1/2 oz: \$12.00, 2 oz: \$34.00



County Fair Blend



Giant Coral

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: \$10.00, 1/2 oz: \$22.00, 2 oz: \$44.00



Giant Purple



Golden Yellow

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: \$10.00, 1/2 oz: \$20.00, 2 oz: \$40.00

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: \$10.00, 1/2 oz: \$20.00, 2 oz: \$40.00

new 7151 **Orange** 75-90 days

OP • Excellent cut flower • Attracts butterflies • 40-50" plants • Annual
Large bold, orange blooms that are 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: \$10.00, 1/2 oz: \$20.00, 2 oz: \$40.00



Orange

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



Red Scarlet



Beeline Pollinator Mix

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, mustards and phacelia. 7.9M seeds/oz. Seeding rate: 1 oz/200 square feet or 1 lb for 3,200 sq ft. **1 oz: \$14.50, 1/4 lb: \$38.00, 1 lb: \$85.00, 5 lb: \$59.00/lb, 25 lb*: 47.80/lb**

*Please see shipping charges on page 55 for individual items weighing 25 lbs or more.

Why We GROW

“ Learning to connect with my roots has always been of great importance to me. Growing plants and working intimately with the soil has reconnected me to my Mexican heritage and has taught me so much about who I am. I think about my parents and their parents working in the fields growing Milpa (the three sisters: Corn, squash, and beans). Working with plants reminds me of my agrarian roots and the spiritual connection my family and great ancestors once had to nature. Through agriculture I am reconnected not only with them, but with myself as well. —Gabriela, farmer in Georgia ”



Cover Crops

A field of Crimson Clover cover crop growing at Nourishing Acres Farm.

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



Annual Ryegrass



BMR Sorghum-Sudangrass F1



Common Buckwheat



Oats



Phacelia



Winter Rye

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. 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* X *Sorghum bicolor* var. *Sudanese*. 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. Often grown together with buckwheat, which acts as a nurse crop for the slower germinating phacelia. 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.

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.

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 107.

INOCULANTS

94535 Guard-N: for Peas/Vetch (Treats 8 lbs)	\$13.00
94536 Guard-N: for Peas/Vetch (Treats 50 lbs)	\$15.00



Tilling Radish



Crimson Clover



Field Peas



Hairy Vetch



Medium Red Clover



White Clover



Beeline Pollinator Mix



Field Peas/Oats Mix

COVER CROPS

COVER CROP SEED - SOLD BY SEED WEIGHT

	1 lb	5 lb	25 lb*	50 lb*
8085 Annual Ryegrass	\$11.00	\$5.83/lb	\$3.30/lb	\$2.70/lb
8111 BMR Sorghum-Sudangrass F1	\$10.00	\$5.00/lb	\$3.12/lb	\$2.80/lb
8010 Common Buckwheat		\$3.20/lb	\$1.80/lb	\$1.53/lb
8112 Crimson Clover	\$13.25	\$10.00/lb	\$7.60/lb	\$6.60/lb
8100 Field Peas/Oats Mix		\$2.70/lb	\$1.30/lb	\$1.11/lb
8110 Field Peas/Oats/Vetch Mix		\$3.67/lb	\$2.16/lb	\$1.94/lb
8070 Field Peas		\$3.80/lb	\$2.72/lb	\$2.40/lb
8060 Hairy Vetch	\$9.65	\$7.14/lb	\$3.72/lb	\$3.50/lb
8080 Medium Red Clover	\$10.00	\$7.55/lb	\$5.00/lb	\$4.30/lb
8020 Oats		\$2.45/lb	\$1.02/lb	\$0.94/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		\$2.80/lb	\$1.60/lb	\$1.28/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 55 for individual items weighing 25 lbs or more.

Gift Boxes



Garden Starter Gift Box Collection

GIFT BOX COLLECTIONS

HC-CG **Container Garden** (10 packets) \$27.50

These varieties do well in containers and will add color and flavor to a sunny porch, patio, window box or rooftop!

INCLUDES: Nasturtium Flowers • Basil • Cilantro • Kale • Pepper • Pea • Mesclun Mix • Cherry Tomato • Carrot • Cucumber

HC-GS **Garden Starter** (10 packets) \$27.50

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: Bush Bean • Beet • Mustard Mix • Carrot • Lettuce Blend • Snap Pea • Radish • Calendula Flowers • Basil • Cucumber

HC-HVL **Heirloom Vegetable Lovers** (10 packets) \$27.50

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: Beet • Radish • Chard • Kale • Shell Pea • Lettuce • Tomato • Cucumber • Summer Squash • Carrot

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-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-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

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

Thank you!



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