

2018 ORGANIC SEED CATALOG



Why do *you* grow?



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Shipping

*On orders over \$10

100% Certified Organic, Non-GMO Project Verified Seeds



highmowingseeds.com



Welcome to our 2018 catalog!



We grow because we believe in the power of seed.

In times of dynamic change, a small positive force in the right place can wield great power. Despite their small size, seeds are a significant lever for change. I started High Mowing because I believe that the positive power of seeds is the best way to accelerate our transition to

a healthier food system. I started High Mowing because I needed an answer to the question: how can I make a difference in this world?

At High Mowing, we believe that organic agriculture makes us healthier in all ways, and it starts with healthy seeds. In fact, we believe that organic seeds are the most powerful vehicle for positive change in the world. Over the years, we've sought out and found partners in both predictable and unpredictable places. It is these alliances that deepen our shared values and amplify our collective work so that it may have heightened effect.

Our work would mean very little if it were not of use to you—our growers. The more you succeed, the greater our positive change can be. This year, we invite you to share your reasons for growing, as we have shared ours in the pages of this catalog. We encourage you to harness the power of your positive impact on our world. We need more growers like you, making more of this kind of impact. Thank you for being a part of this.

With gratitude,

Tom Stearns, Owner & Founder

COVER PHOTO: (Left) Tending gardens at the Family Room; (Middle) harvesting Cortland Fl storage onions at Foote Brook Organic Farm; (Right) pulling weeds at The Farm at the Vermont Youth Conservation Corps.

Read more about these organizations on p. 101.

4 EASY WAYS TO ORDER

PHONE

(866) 735-4454 toll free

8 AM – 6 PM EST, Monday through Friday,
with extended Saturday hours 9 AM – 5 PM
January through April.

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, 2018 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. To date the Pledge has been signed by over 370 seed companies worldwide.

"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."



41 New Varieties for 2018



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Sunflower p. 104**



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Celery p. 20**



**Brentwood One-cut
Lettuce p. 47**



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Kale p. 42**



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

ITEM CODE

VARIETY FEATURES LINE:

- Indicates if variety is open-pollinated (OP), HEIRLOOM or HYBRID (see definitions below).
- Indicates disease resistances (if applicable) – resistance key is in the Cultural Information for that crop type.
- Indicates useful information such as fruit size, commercial uses and other important attributes that make the variety unique.

VARIETY NAME

2926 Sugarbush F1 90 days

HYBRID • HMOS EXCLUSIVE • **PM** • Compact bush habit • 2.5 lbs

Heavy, attractive dark green fruits with sweet, deep orange flesh.

Nicely rounded fruits are about 5" tall and wide with a small interior 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 High Mowing's seed farm.

DAYS TO MATURITY:

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

ATTRIBUTION:

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

Seed Definitions:

OPEN-POLLINATED (OP): These varieties have genetic diversity, can have more variation than hybrids, and can be pollinated by themselves or another plant of the same variety to produce seeds that are "true to type"—just like the parent plant. If an OP is cross-

pollinated by a different variety of the same species, it will produce seeds that are hybrids.

HEIRLOOM: Heirlooms are open-pollinated varieties that either pre-date, or are unaltered by, the last 100 or more years of modern breeding work. These varieties have been passed down from neighbor to neighbor or through families for generations, and are prized for their unusual appearance, genetic diversity

and excellent flavor.

HYBRID: Created by deliberately crossing two different parent varieties from the same species, hybrids combine the best traits of these varieties to produce greater disease resistance, yield, uniformity and flavor. F1 means "first generation offspring." These are not genetically modified but are created through traditional plant breeding techniques.

Artichokes *Cynara scolymus*

Bees pollinating flowering artichokes.

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 ¼" deep and keep at 65-70°F. Transplant to larger pots or cells when roots are well developed. Harden off before planting outside but get them out 10 days or more before the last frost date so they'll experience temperatures between 40-50°F. They can tolerate light frost, but protect if harder frost is expected. Soil preparation is required as

artichokes do best in rich, well-drained soil with neutral to slightly acidic pH between 6.0 and 7.0. Fertilize heavily at planting and continue to side dress in the early season of rapid growth.

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

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



Wonder® F1



Tavor

1505 **Wonder® F1** 88 days

HYBRID • Spineless • High yielding

High quality spineless hybrid with excellent flavor. After a long search we are quite pleased with this hybrid artichoke that consistently sized up in our northern climate with one main and two side chokes per plant. Has thick, dense 5" heads with good bright color. Very firm with a tender and delicious center.

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	\$14.42	\$26.75	\$35.00	\$55.00	\$52.00/M
1505 Wonder® F1	\$3.95	\$18.00	\$32.00	\$55.00	\$93.00	\$83.00/M

Larger volumes available; please call for pricing.

Beans

Phaseolus vulgaris

Jamie cleaning Jacob's Cattle dry beans in the High Mowing seed mill.

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: **AN**-Anthracnose, **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, **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 111 or go to highmowingseeds.com for more info.

SNAP BUSH

2210 **Provider** 50 days

OP • **BCMV (NY15), DM, PM, PMV** • 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.

2022 **Jade** 55 days

OP • **BCMV (BVI, NY15), 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.

2255 **Strike** 55 days

OP • **BCMV (BVI, NY15)** • 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.



Provider



Jade



Strike



Red Swan

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. *Limited availability in 2018.*

2232 **Gold Rush Yellow Wax** 55 days

OP • **BCMV (NY15)** • Concentrated harvest • Holds well • 4-5" pods

Early variety with a concentrated harvest perfect for preserving. 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.

new 2150 **Mardi Gras Blend** 55 days

OP • **HMOS EXCLUSIVE • BCMV (NY15)** • 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 Rush Yellow Wax, Royal Burgundy and Strike snap beans.



Gold Rush Yellow Wax



Mardi Gras Blend



Royal Burgundy



Tavera Haricot Vert



Maxibel Haricot Vert



Dragon Langerie



Roma II



Northeast



Blue Coco



Kentucky Wonder



Rattlesnake



Blue Lake FM-1

2230 Royal Burgundy 55 days

OP • **BCMV (BVI, NY15)** • 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. Virus resistant. Light brown seeds.

FRENCH FILET BUSH

2258 Tavera Haricot Vert 54 days

OP • **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 • **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.

new 2157 Roma II 59 days

OP • **BCMV (NY15), 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 Northeast 56 days

OP • Very early • 7-8" flattened pods

Romano bean with buttery flavor and hearty texture. Northeast is consistently one of the earliest pole beans in our trials and is well-suited to short seasons. Flattened, pale green pods on tall, vigorous vines. Quick to harvest as beans are easy to distinguish from the foliage. Re-discovered by Rob Johnston of Johnny's Selected Seeds. White seeds. *Unavailable in 2018.*

2235 Blue Coco 65 days

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

Vigorous, high yielding dark purple snap beans. Beautiful plants with violet flowers and dark green leaves with contrasting purple undersides and stems. Plants are well adapted and produce an abundance of sweet, tender beans in a variety of conditions. French heirloom dating back to the 18th century. Brown seeds. *Unavailable in 2018.*

2160 Kentucky Wonder 65 days

HEIRLOOM • **BCMV, R** • 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.

2161 Rattlesnake 65 days

HEIRLOOM • 10' tall vines • 8" long pods

Exceptional heirloom flavor fresh, shelled or dry! Picked fresh, beans are round 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. *Unavailable in 2018.*

2155 Blue Lake FM-1 66 days

OP • Prolific • 5-6" pods

Stringless bright green pods that set the standard for flavor. More prolific than many of the bush types, this famous variety grew over 8' tall in our trials. Pods are slightly shorter than those of our previous strain. Should be picked early and often. White seeds.

DRY

2026 CA Blackeye 46 Cowpea 65 days fresh, 80 dry

OP • **FW (3)** • Cool tolerant • Upright habit

Our earliest dry bean and one of the most popular black-eyed peas grown in the South. The classic Southern pea, with a cream-colored seed coat decorated with a single black "eye." High yields of long green pods that can be eaten fresh, frozen, dried or canned. Vigorous plants have a more upright habit than CA Blackeye 5. Bred by UC Davis and the CA Agricultural Experiment Station. *Vigna unguiculata*

2060 Light Red Kidney 85 days

OP • Widely adapted • Bush habit

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

2030 Calypso 90 days

HEIRLOOM • Bush habit

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

2020 Eclipse 90 days

OP • **AN (race 7), BCMV, 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, do not lodge and do a synchronous dry down. Released in 2004 by the North Dakota Agricultural Experiment Station.

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 white child born in Lubeck, Maine.

2021 Vermont Cranberry 90 days

HEIRLOOM • Versatile • Short-season • Bush habit

Amazing Vermont heirloom with unsurpassed rich flavor. Can be used as a snap, shell or dry bean. As a dry bean, the variety stores exceptionally well. Maroon-colored beans are decorated with darker red, cranberry markings. This variety, dating back to the 1800s, is well suited to short-season, cool summer climates.

2040 Silver Cloud Cannellini 95 days

OP • **BCMV, CTV** • 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 • **BCMV & BCMNV (all races), 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. *Limited availability in 2018.*

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!



CA Blackeye 46 Cowpea



Light Red Kidney



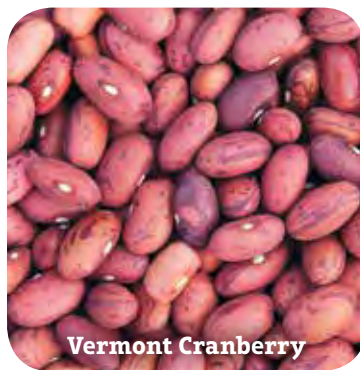
Calypso



Eclipse



Jacob's Cattle



Vermont Cranberry



Silver Cloud Cannellini



Quincy Pinto



Chiba Green



Black Jet



Midori Giant



Shirofumi



Windsor Fava

2245 Black Jet 80 days fresh, 104 days dry

HEIRLOOM • Early • Compact plants

Gorgeous and unique black soybean for use fresh or dry. Erect, bushy plants 2 feet high offer powerful yields in small space. Flavor best when used as dry beans, but can be boiled in the pods in salted water and enjoyed fresh. Skin is thinner and more delicate than many black beans. Great complement to Chiba Green. Brought back from obscurity by our friends at Johnny's Selected Seeds.

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!

2250 Shirofumi 95 daysOP • **AN, BCMV** • Medium-large plants • Short harvest window

Gourmet edamame soybean with exceptional flavor. Sweet, nutty flavor and smooth texture. Medium to tall plants produce prolific pods with clear pubescence, containing an average of three beans each. Warm days and cool nights are important for good yields.

SPECIALTY

2023 Windsor Fava 75 days

HEIRLOOM • Tall 4' plants • Cold tolerant

Hardy plant with large, nutty beans. English variety dating 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*

Why We
GROW

Each of us at High Mowing cares a great deal about these seeds. They are the reason we are all passionate about the work we do.
—Jodi, Breeding and Product Development

More on p. 56.

GARDEN COMBO INOCULANT FOR BEANS

94535 Guard-N (Treats 8 lbs)	\$5.50
94536 Guard-N (Treats 50 lbs)	\$6.95

BEANS - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	25 lb*	50 lb*
2245 Black Jet Soybean	\$2.95	\$9.85	\$14.70	\$11.80/lb	\$9.20/lb	\$8.00/lb
2235 Blue Coco Pole (unavailable in 2018)	\$2.95	\$9.85	\$14.70	\$11.80/lb	\$9.20/lb	\$8.00/lb
2155 Blue Lake FM-1 Pole	\$2.95	\$7.50	\$11.00	\$8.50/lb	\$6.80/lb	\$6.00/lb
2026 CA Blackeye 46 Cowpea Dry	\$2.95	\$9.85	\$14.70	\$11.80/lb	\$9.20/lb	\$8.00/lb
2030 Calypso Dry	\$2.95	\$9.50	\$12.00	\$9.00/lb	\$7.80/lb	\$6.50/lb
2253 Chiba Green Soybean	\$4.95	\$14.50	\$23.10	\$19.00/lb	\$16.20/lb	\$14.50/lb
2234 Dragon Langerie Bush	\$2.95	\$8.95	\$11.95	\$8.60/lb	\$7.60/lb	\$6.40/lb
2020 Eclipse Dry	\$2.95	\$8.75	\$10.75	\$8.30/lb	\$7.40/lb	\$6.25/lb
2232 Gold Rush Yellow Wax Bush	\$2.95	\$7.50	\$10.25	\$7.60/lb	\$7.00/lb	\$6.20/lb
2050 Jacob's Cattle Dry	\$2.95	\$7.70	\$11.55	\$9.60/lb	\$8.80/lb	\$7.20/lb
2022 Jade Bush	\$2.95	\$9.00	\$14.00	\$11.00/lb	\$9.00/lb	\$7.80/lb
2160 Kentucky Wonder Pole	\$2.95	\$7.70	\$11.55	\$9.60/lb	\$8.80/lb	\$7.20/lb
2060 Light Red Kidney Dry	\$2.95	\$6.60	\$9.25	\$8.10/lb	\$7.20/lb	\$6.70/lb
2150 Mardi Gras Blend Bush	\$2.95	\$8.75	\$14.00	\$11.60/lb	\$9.60/lb	\$7.90/lb
2200 Maxibel Haricot Vert Bush	\$2.95	\$7.70	\$11.55	\$9.60/lb	\$8.80/lb	\$7.20/lb
2241 Midori Giant Soybean	\$4.95	\$14.50	\$23.10	\$19.00/lb	\$16.20/lb	\$14.50/lb
2156 Northeaster Pole (unavailable in 2018)	\$2.95	\$9.85	\$14.70	\$11.80/lb	\$9.20/lb	\$8.00/lb
2210 Provider Bush	\$2.95	\$7.10	\$10.30	\$8.50/lb	\$7.50/lb	\$6.40/lb
2035 Quincy Pinto Dry	\$2.95	\$7.10	\$10.30	\$8.50/lb	\$7.50/lb	\$6.40/lb
2161 Rattlesnake Pole (unavailable in 2018)	\$2.95	\$9.85	\$14.70	\$11.80/lb	\$9.20/lb	\$8.00/lb
2233 Red Swan Bush	\$2.95	\$7.25	\$10.50	\$8.80/lb	\$8.20/lb	\$7.40/lb
2157 Roma II Bush	\$2.95	\$8.75	\$14.00	\$11.60/lb	\$9.60/lb	\$7.90/lb
2230 Royal Burgundy Bush	\$2.95	\$7.25	\$10.50	\$8.80/lb	\$8.20/lb	\$7.40/lb
2250 Shirofumi Soybean	\$4.95	\$14.50	\$23.10	\$19.00/lb	\$16.20/lb	\$14.50/lb
2040 Silver Cloud Cannellini Dry	\$2.95	\$7.25	\$10.50	\$8.80/lb	\$8.20/lb	\$7.40/lb
2255 Strike Bush	\$2.95	\$7.25	\$10.50	\$8.80/lb	\$8.20/lb	\$7.40/lb
2258 Tavera Haricot Vert Bush	\$2.95	\$14.00	\$18.75	\$15.60/lb	\$12.50/lb	\$11.60/lb
2021 Vermont Cranberry Dry	\$2.95	\$9.00	\$14.70	\$12.00/lb	\$10.00/lb	\$8.38/lb
2023 Windsor Fava	\$3.50	\$12.00	\$18.00	\$16.00/lb	\$13.20/lb	\$11.00/lb

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

Beets

Beta vulgaris



Cole, Mika and Charlotte (L to R) weeding and thinning beets at The Farm at the Vermont Youth Conservation Corps.

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. Prevent pests and diseases like damping off, root rot and Scab with removal of plant debris, crop rotation and increased airflow.

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 can commonly occur on the outer skin of the root. Prevention includes removal of plant debris, crop rotation and increased airflow.

RESISTANCE KEY: **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 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 great full size beet with vibrant tops. Similar quality to Detroit Dark Red for early season crops. See baby leaf photo on p. 37.

2265 Boro F1 50 days

HYBRID • Stores well • Baby or full size • 2-6" roots

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

2261 Aviv 55 days

OP • Highly uniform • Excellent for canning • 2-4" roots

Uniform, attractive open-pollinated beet. Aviv was bred for highly uniform roots and that is exactly what impressed us about this variety in our trials. This improved variety has been selected for quality and produces globe shaped, slightly flattened red beets with sweet, balanced flavor. *Unavailable in 2018.*

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 • 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. Available as raw or pelleted seed. Precision sized.

2262 Shiraz 60 days

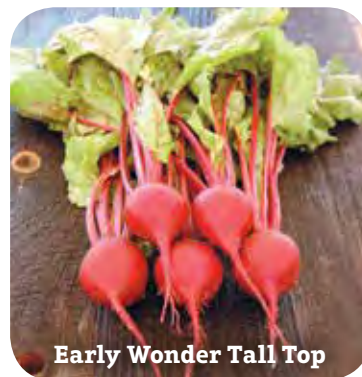
OP • **RZ** • Tall tops • Excellent for processing • 3-4" roots

Unparalleled aesthetics and taste with impressive resistances make Shiraz a reliable choice. A strong parent line of three different heirlooms give Shiraz genes that can't be beat: tall, succulent tops for high quality greens and easy bunching, rhizoctonia resistance and exceptionally smooth, round roots.

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, 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.



Early Wonder Tall Top



Aviv



Boro F1



Detroit Dark Red



Red Ace F1



Shiraz



Rhonda F1



Bull's Blood



Touchstone Gold



Cylindra



Guardsmark Chioggia

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.

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 FI 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!

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 variety a popular choice for specialty markets. A new strain of the popular Italian heirloom, improved by Alf Christianson Seed Company for better uniformity and bolt tolerance.

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*
2261 Aviv (unavailable in 2018)	\$2.95	\$14.00	\$33.00	\$88.00	\$79.80/lb	\$70.00/lb	\$64.50/lb	\$58.50/lb
2273 Cylindra	\$2.95	\$7.25	\$16.00	\$40.00	\$38.00/lb	\$35.40/lb	\$32.50/lb	\$30.50/lb
2280 Detroit Dark Red	\$2.95	\$5.00	\$8.60	\$20.00	\$17.60/lb	\$16.40/lb	\$15.60/lb	\$14.80/lb
2290 Early Wonder Tall Top	\$2.95	\$4.50	\$6.95	\$18.00	\$15.80/lb	\$15.20/lb	\$14.80/lb	\$14.25/lb
2262 Shiraz	\$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	\$2.25/M	\$2.10/M	\$1.95/M
2269 Guardsmark Chioggia	\$3.95	\$7.50	\$3.80/M	\$2.96/M	\$2.75/M	\$2.30/M	\$2.15/M
2288 Touchstone Gold	\$2.95	\$7.50	\$6.00/M	\$5.60/M	\$5.25/M	\$4.80/M	\$4.45/M

BEET SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	100 M	500 M**	1000 M**
2265 Boro FI	\$3.75	\$10.00	\$6.40/M	\$3.95/M	\$2.95/M	\$2.70/M	\$2.50/M
2285 Red Ace FI	\$2.95	\$6.60	\$3.44/M	\$3.00/M	\$2.45/M	\$2.16/M	\$2.05/M
2285P Red Ace FI - Pelleted	\$4.25	\$7.50	\$3.50/M	\$2.96/M	\$2.75/M	\$2.46/M	
2289 Rhonda FI	\$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.

Partners in Feeding Our Communities

High Mowing's donation program supports organizations that provide farm and nutrition education with initiatives such as community gardens, school gardens and food bank gardens. Thanks to these partnerships, our seeds are now in the hands of the food system leaders of tomorrow. In 2017, one of our largest donation recipients was the national community gardening organization Katie's Krops.

High Mowing is proud to partner with Katie's Krops in using seeds to teach kids across the country how to grow healthy food and healthy communities. Katie's Krops is a national community gardening organization supporting 100+ young growers in 33 different states. Katie's Krops empowers growers ages 9-16 to help end hunger in their local communities by providing the necessary tools to start and maintain vegetable gardens. Produce from these gardens goes directly to the local communities, providing food donations to soup kitchens and food pantries. It brings us great joy to see our seeds helping these young growers to learn, teach and grow for their local communities. High Mowing is proud to partner with Bejo Seeds and Katie's Krops to invest in the next generation of farmers and gardeners.



High Mowing's organic seeds are now in the hands of these growers thanks to the Katie's Krops youth gardening program.

Broccoli

Brassica spp.

Paul and Taylor evaluating mid-season broccoli trials.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Broccoli is a cool season hardy biennial grown for spring and fall crops and prefers cooler conditions, ideally 60-75°F. Seedlings exposed to stress may form uneven, premature heads. Broccoli heads should be harvested while buds are still tight. 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.

RESISTANCE KEY: **FY**-Fusarium Yellows, **PM**-Powdery Mildew, **DM**-Downy Mildew

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.

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 • **PM** • 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, cold hardiness and powdery mildew resistance. Not as heat tolerant and has larger beads than Belstar F1; prefers cool conditions. Short harvest window of uniform main domes for stem or crown cuts. From our partners at Bejo Seeds. *Limited availability in 2018.*

2302 **Belstar F1** 65 days

HYBRID • **FY, DM** • Compact habit • Heat tolerant • 6-8" heads

Our most heat tolerant broccoli for spring, summer and fall crops. Compact plants have round domes, small to medium beads and short stems with a thick main stalk. Domes span 6-8" at maturity and average 1.5 lbs. Ideal for short-stemmed crown cuts or florets. 10-14 day harvest window. From our partners at Bejo Seeds.

2305 **Fiesta F1** 75 days

HYBRID • **FY** • Uniform • Short harvest window • 6-7" heads

Impressive late season variety for fall harvests. Uniform maturity and stand of well-domed heads. Medium beads 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.

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*



De Cicco



Batavia F1



Belstar F1



Fiesta F1



Waltham 29



Hon Tsai Tai Flowering Broccoli



**Spring Raab
Broccoli Raab**



**Te You Flowering
Broccoli**



**Santee F1 Sprouting
Broccoli**

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; perfect lightly steamed or sauteed with Hoisin sauce. 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 broccolini. Abundant, tender burgundy spears and mini broccoli heads are flavorful and packed with nutrients. Unlike most sprouting broccolis, Santee F1 doesn't require cold treatment to initiate bud development. Can be overwintered for impressive yields. *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	\$3.80	\$5.50	\$12.10	\$29.00	\$49.00	\$43.00/lb	

BROCCOLI SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2301 Batavia F1	\$2.95	\$17.30	\$24.00	\$21.00/M	\$18.70/M	\$16.45/M
2302 Belstar F1	\$2.95	\$15.25	\$25.50	\$23.00/M	\$20.60/M	\$18.15/M
2305 Fiesta F1	\$2.95	\$18.00	\$25.50	\$23.00/M	\$20.60/M	\$18.15/M
2311 Santee F1 Sprouting Broccoli	\$4.85	\$53.30	\$77.50	\$70.50/M	\$65.00/M	\$61.50/M

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

Show your High Mowing Spirit!



HATS

new 94303 Organic Cotton Cap \$15.50

Our cotton caps are 100% certified organic cotton twill and feature our logo embroidered on the front and a self fabric adjustable closure with a brass slider and hidden tuck-in. Available in charcoal grey.

94302 Blue Trucker Hat \$15.50

Our trucker-style hat features our logo embroidered on the front and an adjustable, breathable mesh back. Available in navy blue with cream mesh.

new 94304 Camo Trucker Hat \$15.50

Our camo trucker-style hat features our logo embroidered on the front and an adjustable, breathable mesh back. Available in camo with camo mesh.

T-SHIRTS

94320 Organic Cotton T-Shirt \$20.00

Our t-shirt is 100% certified organic, ultra-soft lightweight cotton and made in the USA. The High Mowing Organic Seeds logo is printed on the front (left chest) and the back (centered below the collar) with water-based inks using a unique environmentally sound process that is sturdier, more comfortable and more attractive than traditional plastic-based inks. Men's tees are standard fit and come in ocean blue. Women's tees are longer, moderately fitted with a slight scoopneck, and come in amethyst. Please note that the Women's tees run small; we recommend ordering up a size if you prefer a more relaxed fit.

PLEASE INDICATE FIT: Men's/Women's **AND SIZE:** S, M, L, or XL

Brussels Sprouts

Brassica oleracea var. *gemmifera*

Paul sets up Brussels sprouts seedlings at a plant sale.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Brussels sprouts are cool season biennials 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: Diseases 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, caused by the bacteria *Fusarium oxysporum* f. sp. *conglutinans*, manifests as yellowing of the lower leaves 2-4 weeks after transplanting. Yellowing moves to upper leaves and causes wilt. Fungal diseases can also be prevented by spraying with copper hydroxide, but check

with your certifier before applying. Clubroot is a soil borne disease which stunts the roots of the plants so that they are not able to develop normally. 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 covers in the early season. Control root maggots with beneficial nematodes or by covering with row cover early in the season.

RESISTANCE KEY: **FY**-Fusarium Yellows, **PM**-Powdery Mildew, **RS**-Ring Spot, **WB**-White Blister

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. From our partners at Bejo Seeds.

2309 Doric F1 120 days

HYBRID • **FY** • 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. Another great variety from our partners at Bejo Seeds!

2317 Nautic F1 120 days

HYBRID • **PM, RS, WB** • Easy to harvest

Disease resistant variety for a reliable crop of tightly wrapped sprouts. Nautic F1's sprouts are spaced further 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
2309 Doric F1	\$5.10	\$33.50	\$58.00	\$55.00/M	\$49.92/M
2317 Nautic F1	\$5.10	\$33.50	\$58.00	\$55.00/M	\$49.92/M
2314 Dagan F1	\$5.10	\$33.50	\$58.00	\$55.00/M	\$49.92/M

Larger volumes available; please call for pricing.



Dagan F1 Brussel sprouts growing at Sandiwood Farm.

Cabbage

Brassica spp.

Cole and Mika weeding cabbages at The Farm at the Vermont Youth Conservation Corps.

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 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 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 to 7.2. 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: BL-Blackleg, BR-Black Rot, BS-Black Speck, BSR-Bacterial Soft Rot, CR-Clubroot (races indicated if known), FY-Fusarium Yellows, T-Thrips, TB-Tip Burn, TMV-Turnip Mosaic Virus

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.



Golden Acre



Copenhagen



Farao F1



Caraflex F1



Murdoc F1

GREEN

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 2015 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. Earlier and more uniform than Copenhagen.

2366 Farao F1 63 days

HYBRID • TB, T • 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.

2348 Copenhagen 65 days

HEIRLOOM • Early and adaptable • 3-4 lb heads

Compact heirloom for home gardens and direct markets. Solid heads are somewhat variable in size ranging from 3-4 lbs and 6-8" in diameter with uniform maturity. Compact plants sit close to the ground, handy for smaller gardens. Heads hold well before and after harvest. Great for slow cooking, slaws and sauerkraut! Unavailable in 2018.

2349 Caraflex F1 68 days

HYBRID • Fresh market • Stores 10 weeks • 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, kraut 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 • **FY, BR, 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.



Capture F1



Passat F1

2296 **Passat F1** 90 days

HYBRID • **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.

2356 **Drago F1** 93 days

HYBRID • **FY** • Late fresh market • 3-4 lb heads
Highly uniform heads for a perfect box count. Round, dense heads with a very short core. Heads sit high on the stem; easy to harvest with few thick wrapper leaves. Holds very well in the field without splitting; good resistance to tip burn. A tasty coleslaw cabbage.



Drago F1



Impala F1

2359 **Impala F1** 105 days

HYBRID • 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. Intermediate resistance to thrips.

RED

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.



Red Express



Integro F1

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. Another great variety from Bejo Seeds.

2361 **Buscaro F1** 105 days

HYBRID • **TB** • 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.



Buscaro F1



Famosa F1

SAVOY

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. Intermediate resistance to downy mildew.

2368 **Produsa F1** 80 days

HYBRID • Main season fresh market • Short-term storage • 2-3 lb heads
High yielding, classy late season savoy with tightly crumpled leaves. The French call this chic type "chou frisé", or curly cabbage. Very crinkled outer leaves with interior undulating folds of lime green. A great complement to Deadon F1's purple-sage color, or plant with early season Famosa F1 for an extended harvest. Heads are 6-8" in diameter. *Limited availability.*



Produsa F1



Deadon F1

2353 **Deadon F1** 105 days

HYBRID • **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. Another stellar variety from our partners at Bejo Seeds.



Emiko F1

Bilko F1

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

CULTURAL INFO: General conditions are similar to those for green cabbage, but Napa cabbage requires even more 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 and high humidity.

2381 **Emiko F1** 60-63 days

HYBRID • CR, FY, TB, BSR • Disease and bolt resistant • 10" heads

Very consistent, broad Napa cabbage with mild, tender leaves. Every plant made compact, attractive heads with dark green wrapper leaves and vanilla interiors in our trials. 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 days

HYBRID • CR (I-4), FY, BS • 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.

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
2348 Copenhagen (unavailable in 2018)	\$2.95	\$5.50	\$9.00	\$18.00	\$60.75	\$99.00	\$86.60/lb
2298 Golden Acre	\$2.95	\$3.50	\$5.00	\$8.50	\$16.00	\$25.00	\$21.00/lb
2369 Red Express	\$2.95	\$5.00	\$8.75	\$17.00	\$50.00	\$75.00	\$55.00/lb

CABBAGE SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M	100 M
2364 Bilko F1 Napa	\$2.95	\$9.25	\$14.25	\$11.55/M	\$10.20/M	\$9.50/M
2361 Buscaro F1	\$3.75	\$21.00	\$39.00	\$35.80/M	\$31.56/M	\$29.50/M
2357 Capture F1	\$3.40	\$18.75	\$29.75	\$26.50/M	\$23.60/M	\$19.00/M
2349 Caraflex F1	\$5.60	\$31.75	\$57.25	\$50.00/M	\$44.00/M	\$38.00/M
2353 Deacon F1	\$4.50	\$27.00	\$42.50	\$36.85/M	\$31.75/M	\$29.75/M
2356 Drago F1	\$3.40	\$18.75	\$29.75	\$26.50/M	\$23.60/M	\$19.00/M
2381 Emiko F1 Napa	\$2.95	\$10.25	\$14.85	\$12.15/M	\$10.75/M	\$9.95/M
2363 Famosa F1	\$3.60	\$18.25	\$32.00	\$27.60/M	\$23.60/M	\$21.50/M
2366 Farao F1	\$3.40	\$18.75	\$29.75	\$26.50/M	\$23.60/M	\$19.00/M
2359 Impala F1	\$3.40	\$18.75	\$29.75	\$26.50/M	\$23.60/M	\$18.00/M
2354 Integro F1	\$3.75	\$20.50	\$38.50	\$34.80/M	\$30.80/M	\$28.25/M
2362 Murdoc F1	\$5.60	\$31.75	\$57.25	\$50.00/M	\$44.00/M	\$38.00/M
2296 Passat F1	\$3.40	\$19.06	\$29.75	\$26.50/M	\$23.60/M	\$19.00/M
2368 Produsa F1	\$4.25	\$19.25	\$34.15	\$29.05/M	\$25.40/M	\$22.50/M

Larger volumes available; please call for pricing.



Harvesting Famosa F1 cabbages at The Farm at the Vermont Youth Conservation Corps.

Carrots

Daucus carota

Kagen and Paul bunching Yaya F1 carrots for the Foote Brook farmstand.

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.

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

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

EARLY SEASON

2322 Napoli F1 45 days baby, 55 full size

HYBRID • Long storage • 5-7" Nantes-type

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

2336 Yaya F1 50 days baby, 60 full size

HYBRID • 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.



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

A classic with fine texture and old-time 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 resistant root with great crunch. Uniform, attractive cylindrical roots with blunt ends and balanced sweetness that lasts well in 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.

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 a good yank. 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



Negovia F1



Dolciva



White Satin F1



Cosmic Purple



Miami F1



Bangor F1



Cupar F1



Interceptor F1



Atomic Red



Yellowstone

new 2342 Naval F1 72 days

HYBRID • Stores well • 7" Nantes-type

Perfectly rounded tips 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 strong 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 • 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 • 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 great crunch.

2332 Bangor F1 90 days

HYBRID • 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 • 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.

2334 Dolciva 95 days

OP • Long storing • High Brix • 8" Nantes-type

Hands-down winner in our taste tests after months of storage! Great sweet flavor, juicy crunch, high quality and incredibly long storage life made this variety a standout in our trials for two years running. Grown on increasingly big acreage in Europe, we are delighted to share this Swiss-bred variety with growers in North America. Slightly tapered roots have good uniformity, bright orange color and strong, healthy tops. Widely adapted and versatile for bunching or storage; rated 20-30% higher in sugars than Bolero F1 over 9 months in storage and maintained great crunch. From our friends at Swiss biodynamic seed company Sativa Seeds. Available as raw or, new this year, pelleted seed.

2329 Interceptor F1 120-125 days

HYBRID • Stores well • 12" Imperator-type

Very long, slender and coreless; a true cut-and-peel variety for baby carrots.

Very sweet, tender dark orange roots stay slender and resist splitting even at low planting densities. Superior sweetness even after months of storage! Shorter tops with some resistance to leaf blights, plus good resistance to storage diseases such as Pythium Crater Rot and Alternaria Black Rot. Suitable for mechanical harvest.

SPECIALTY**2326 White Satin F1 68 days**

HYBRID • 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!

2323 Atomic Red 70 days

OP • Uniform size • 8-10" Imperator-type

Bright red carrots sure to create a bang! Cooking brightens the color and flavor of these eye-catching roots - and they get their color from lycopene, a cancer-preventing antioxidant. Performs best in fall slots, but ranks high throughout the season. Combine with white and yellow carrots for a beautiful market display.

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.

2337 Yellowstone 70 days

OP • 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!

2333 Starburst Blend 70 days

OP • 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 crudités.



Starburst Blend



Dragon

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*
2323 Atomic Red	\$2.95	\$6.80	\$19.80	\$67.00	\$189.00	\$304.50	\$252.00/LB	\$207.60/LB
2335 Cosmic Purple	\$2.95	\$6.80	\$19.80	\$67.00	\$189.00	\$304.50	\$252.00/LB	\$207.60/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	\$5.85	\$17.00	\$58.00	\$165.00	\$265.00	\$220.00/LB	
2320 Red Cored Chantenay	\$2.95	\$4.90	\$10.10	\$19.00	\$30.50	\$50.00	\$45.00/LB	\$42.00/LB
2340 Scarlet Nantes	\$2.95	\$5.25	\$12.50	\$26.00	\$90.00	\$160.00	\$140.00/LB	\$120.00/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	\$3.50/M	\$2.00/M	\$1.40/M	\$1.05/M	\$0.87/M	\$0.75/M	
2334 Dolciva	\$2.95	\$2.50/M	\$1.40/M	\$1.04/M	\$0.82/M	\$0.65/M	\$0.56/M	
2333 Starburst Blend	\$2.95	\$2.38/M	\$1.60/M	\$1.33/M				
2337 Yellowstone	\$2.95	\$2.75/M	\$1.65/M	\$1.54/M	\$1.26/M	\$1.14/M	\$1.09/M	
CARROT SEED - HYBRID - SOLD BY SEED COUNT	250	2 M	10 M	25 M	100 M	500 M	1000 M	
2332 Bangor F1	\$2.95	\$5.25/M	\$1.88/M	\$1.58/M	\$1.45/M	\$1.37/M	\$1.25/M	
2327 Cupar F1	\$2.95	\$5.50/M	\$2.00/M	\$1.65/M	\$1.55/M	\$1.49/M	\$1.36/M	
2329 Interceptor F1	\$2.95	\$5.25/M	\$1.88/M	\$1.58/M	\$1.45/M	\$1.37/M	\$1.25/M	
2328 Miami F1	\$2.95	\$5.25/M	\$1.88/M	\$1.58/M	\$1.45/M	\$1.37/M	\$1.25/M	
2322P Napoli F1 - Pelleted	\$4.95	\$7.97/M	\$3.30/M	\$2.73/M	\$2.35/M	\$2.20/M	\$2.00/M	
2322 Napoli F1	\$2.95	\$4.60/M	\$1.70/M	\$1.40/M	\$1.28/M	\$1.22/M	\$1.20/M	
2342 Naval F1	\$2.95	\$4.60/M	\$1.70/M	\$1.40/M	\$1.28/M	\$1.22/M	\$1.20/M	
2324 Negovia F1	\$2.95	\$5.33/M	\$1.89/M	\$1.58/M	\$1.44/M	\$1.40/M	\$1.30/M	
2291 Resistafly F1	\$3.60	\$7.50/M	\$2.95/M	\$2.54/M	\$2.30/M	\$2.06/M	\$1.95/M	
2326 White Satin F1	\$4.75	\$7.70/M	\$2.65/M	\$2.22/M	\$1.92/M	\$1.85/M	\$1.80/M	
2336P Yaya F1 - Pelleted	\$4.95	\$7.97/M	\$3.30/M	\$2.73/M	\$2.35/M	\$2.20/M	\$2.00/M	
2336 Yaya F1	\$2.95	\$4.43/M	\$1.60/M	\$1.35/M	\$1.24/M	\$1.18/M	\$1.13/M	

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

Naval F1: A Strong Main Season Carrot

“Naval F1 is fast-growing and has nice, strong tops for bunching. It sizes up very evenly, with good color. One of our favorite varieties to grow!” -Tim Terpstra, Ralph's Greenhouse (Mount Vernon, WA)

Naval F1 consistently impressed our team with its versatility as both a fresh market and storage carrot. We are thrilled to offer this exceptional carrot, newly available as organic seed from our partners at Bejo Seeds.

- **Uniform roots** mature evenly for efficient harvests
- **Strong, healthy tops** are easy to bunch and make a beautiful display
- **A long storage life** comparable to market standards like Bolero F1
- **Exceptional flavor**, both fresh and after months of storage



Cauliflower

Brassica oleracea var. botrytis

Taylor harvesting cauliflower in our trials fields for an evaluation of early maturity.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Cauliflower is a cool season biennial closely related to broccoli and cabbage. It does best in cool, temperate climates but can be grown anywhere with the right varieties and good care. Greatly prefers steady, uninterrupted growth with good fertilization and ample water. Environmental stress leads to poor head development. Direct seed or start indoors 4-6 weeks before planting date. Plant outdoors in spring as soon as hard frost has passed. Seedlings can withstand light frost once hardened off. Fall crops should be sown in mid-summer and protected from extreme heat and drought during establishment. Daytime temperatures between 70-80°F and cool nights are ideal for head development. Cover developing heads by tying leaves together for a blanched effect. Self-blanching varieties have tight leaf curl around heads to minimize the need to cover. Harvest heads promptly when they are full size but still compact, white and smooth. Delaying harvest results in curds turning loose and ricey, greatly reducing quality.

DISEASE & PESTS: Black rot (*Xanthomonas campestris* pv. *campestris*) first appears as V-shaped, yellow lesions at leaf margin. Infected plants should be pulled up immediately, and plantings should

never be worked during wet conditions. Fusarium yellows, caused by the bacteria *Fusarium oxysporum* f. sp. *conglutinans*, manifests as yellowing of the lower leaves 2-4 weeks after transplanting. Fungal diseases are best prevented by production practices that build soil and promote vigorous plant growth. Clubroot is a soil borne disease which stunts the roots of the plants so that they are not able to develop normally. 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 thus be controlled by *Bacillus thuringiensis* (Bt) and/or spinosad. Protect plants from flea beetles by using floating row covers in the early season.

RESISTANCE KEY: FY-Fusarium Yellows

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

new 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 2016 cauliflower trials! Good flavor with high yield potential. From our partners at Vitalis Organic Seeds.

2313 Goodman 60 days

OP • 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 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. Attractive, well-domed compact heads with dense flavorful white curds that resist becoming fuzzy or ricey. Heads are well-protected; wrapper leaves are well suited to tying or the "break, fold and cover" method of blanching. Tolerant of bacterial soft rot and downy mildew. From our friends at Bejo Seeds.

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. Outperformed Fremont F1 in our spring trials with a slightly longer harvest window. From Vitalis Organic Seeds.

2319 Veronica F1 Romanesco 77 days

HYBRID • **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 crudite 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	\$3.82	\$25.96	\$31.50	\$23.75/M	\$20.80/M	\$18.95/M
CAULIFLOWER SEED - HYBRID - SOLD BY SEED COUNT						
	25	500	1 M	5 M	25 M	100 M
2299 Adona FI	\$5.30	\$27.25	\$48.00	\$39.50/M	\$34.55/M	\$29.95/M
2316 Janvel FI	\$5.70	\$34.00	\$49.50	\$42.00/M	\$38.60/M	\$36.25/M
2312 Mardi FI	\$5.70	\$34.00	\$49.50	\$42.00/M	\$38.60/M	\$36.25/M
2318 Skywalker FI	\$5.35	\$27.25	\$48.00	\$39.50/M	\$34.55/M	\$29.95/M
2319 Veronica FI Romanesco	\$6.50	\$37.50	\$61.50	\$53.00/M	\$48.20/M	\$45.25/M

Larger volumes available; please call for pricing.

An Organic Solution: High Mowing's Steam Treatment Research

Seed borne diseases present a serious threat to growers. The organic industry has limited tools for addressing these seed borne pathogens. In an innovative effort to find an organic solution to the problems caused by seed borne disease, High Mowing's owner and founder, Tom Stearns is spearheading research on steam treatment of seeds.

The Challenge

The challenge of disease control is to kill the disease without also killing the seed. A pathogen residing on the exterior of a seed can be destroyed without affecting the seed within. In conventional seed production, chemicals are used to complete the task. In organics, hot water treatment is the accepted method. But the challenge is amplified when a disease is inside a seed. In these cases, any attempt to kill the disease also runs the risk of killing the seed. Some modern organic control methods like hot water treatment address this challenge, but hot water treatment can be imprecise and takes a long time. Some seed types also react to water by forming a gelatinous casing, rendering the seeds impractical for commercial use after treatment.

Our Solution

Steam treatment focuses on pinpointing the ideal specifications for a particular seed type affected by a particular disease. Because all seeds are not the same and all diseases are not the same, the slight differences between

individual seeds and individual pathogens can mean the difference between whether a treatment kills the disease, or kills the seed. Using precise degrees of heat, humidity, and exposure time, we treat seeds with steam, and dry them with dehumidifiers. The seeds never come in contact with water; treatment takes a fraction of the time it would to treat with hot water; and with modern equipment, the heat and humidity are controlled with ultimate precision to eliminate any infection without affecting the inner seed. Treated seeds then undergo our standard quality assurance tests to evaluate vigor, germination and disease presence.

The Results

Successes in our post-treatment quality assurance tests encouraged us to start actively working with research institutions, commercial farmers, and other seed companies to treat diseased seed. Seeds steam treated in our facility are now being used across the country for research

and commercial production. Results from these steam treated seeds have been positive, demonstrating disease-free crops with no indications of compromised vigor or germination rates and, in some cases, enhanced performance of both.

Looking Ahead

As High Mowing continues pursuing innovations on the frontline of organic agriculture, we constantly strive to serve the growers who use our seeds. Steam treatment may offer an important tool to organic seed producers, in turn helping to maximize the success of organic farmers as we continue to work towards our shared goal of building better organic systems.

Interested in steam treatment for your seeds? **Call us to find out more.** 866-735-4454



A cauliflower trial at Bejo Seeds in Geneva, NY.

Celery & Celeriac

Apium graveolens

Vermont Youth Conservation Corps members and crew leaders harvesting Tango celery.

CULTURAL INFO: Days to maturity are from spring transplanting. Can be challenging for beginning growers. Celery and celeriac require a very long growing season with heavy feeding and a steady water supply. Start seeds indoors 10-12 weeks before planting date. Optimal soil temperature for germination is 70-75°F and tiny seeds require shallow planting. Transplant when outside temperatures are consistently over 50°F. In hot climates, celery may require partial shade.

RESISTANCE KEY: **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



Merengo F1



Tango



Calypso



Tall Utah



Balena F1



Diamant

CELERY

new 2398 **Merengo F1** 80 days

HYBRID • **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. Comparable to Calypso. From our friends at Bejo Seeds.

2344 **Tango** 85 days

OP • Self-blanching • 18-20" tall

Greatly improved variety that is early and easy to grow. Two weeks earlier than most varieties; 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 all our celery varieties.

2339 **Calypso** 88 days

OP • **FY** • Productive • 28" tall

Early Italian variety with great flavor. Large plants with thick, crisp stalks and mild flavor. Very productive. Stalks have hardly any stringiness. Requires consistent moisture for best productivity. A winner from our partners at Bejo Seeds. *Limited availability.*

2341 **Tall Utah** 100 days

OP • 12" stalks • 30" tall

Long, crisp stalks with unbeatable flavor. Once you've tasted organic celery grown at home, you will never go back to store-bought. Tall Utah produces large plants with compact hearts. Long, crisp, medium-dark green stalks. Best for late summer crops.

CELERIAC

2397 **Balena F1** 108 days

HYBRID • **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. Recently made available as organic seed from our partners at Bejo Seeds.

2396 **Diamant** 115 days

OP • **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.

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

	1/10 g	1 g	1/2 oz	1 oz
2341 Tall Utah Celery	\$2.95	\$4.00	\$8.00	\$11.00

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

	100	1 M	5 M	25 M
2339 Calypso Celery	\$4.00	\$12.00	\$9.85/M	\$8.17/M
2396 Diamant Celeriac	\$4.50	\$26.50	\$16.95/M	\$12.20/M
2344 Tango Celery	\$3.80	\$9.00	\$7.40/M	\$6.10/M

CELERY & CELERIAC SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	25 M
2397 Balena F1 Celeriac	\$5.75	\$31.00	\$19.00/M	\$14.60/M
2398 Merengo F1 Celery	\$4.00	\$12.00	\$9.85/M	\$8.17/M

Larger volumes available; please call for pricing.

Chard

Beta vulgaris

Paul and Kagen harvesting chard at Foote Brook Farm.

CULTURAL INFO: Days to maturity are from direct seeding; if transplanting subtract 14-21 days. Swiss 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. Sow baby leaf varieties 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, 20M-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.

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. *Limited availability in 2018.*

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 Christiansen Seed Co.

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 chard 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. The standard for red chards; our improved strain has been selected for highly savoyed leaves, color contrast and minimal chocolate leaves late in the season. Perfect for microgreens or baby leaf production because stem and leaf veins color early.



Fordhook Giant



Pink Passion



Silverado



Improved Rainbow Blend



Orange



Ruby/Rhubarb Red

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	\$3.50	\$4.90	\$8.50	\$22.00	\$20.00/lb
2350 Improved Rainbow Blend	\$2.95	\$6.50	\$11.25	\$21.25	\$72.00	\$66.00/lb
2352 Orange	\$2.95	\$4.25	\$5.75	\$12.75	\$45.00	\$39.00/lb
2351 Pink Passion	\$2.95	\$8.95	\$18.75	\$62.00	\$199.50	\$172.50/lb
2360 Ruby/Rhubarb Red	\$2.95	\$4.25	\$5.25	\$12.00	\$36.00	\$32.00/lb
2355 Silverado	\$2.95	\$5.25	\$9.25	\$17.50	\$58.50	\$55.00/lb

Larger volumes available; please call for pricing.

Collards

Brassica oleracea

Taylor harvesting collards for a trials evaluation.

CULTURAL INFO: Collards are a hardy biennial closely related to kale, cabbage and broccoli. They will overwinter in milder climates and can be harvested over a long window. Fluctuations in temperature and water do not affect leaf quality in collards the way they affect head quality in other cole crops. Collards typically tolerate hot weather better than other cole crops and certain varieties are especially bolt resistant. 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. Plant for baby leaf every 2 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: Prevent diseases 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 by *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 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. **1/32oz 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	\$5.00	\$11.50	\$24.00	\$49.00	\$79.00	\$72.00/lb
2553 Georgia	\$2.95	\$5.00	\$11.50	\$24.00	\$49.00	\$79.00	\$72.00/lb

Larger volumes available; please call for pricing.

In Your Own
WORDS

“ The Champion collards are a true winner for our farm. This variety performs very well in the cold, early spring, but importantly keeps producing for us into the dog days of summer when the heat and humidity move into our area in July. **—John and Ann of Elmwood Stock Farm, Kentucky** ”

Corn *Zea mays*



Charles detasseling the female parent line for Enchanted F1 sweet corn.

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 and 98% relative humidity for no longer than a few days.

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 diseases 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.

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

2375 Fisher's Earliest 70 days

OP • YELLOW • 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 and now grown on our farm.



Fisher's Earliest

2384 Xtra-Tender 2171 F1 71 days

HYBRID • BI-COLOR • Supersweet (sh2) • 7-8" ears

Finally an organic sh2 sweet corn! Xtra-Tender 2171 F1 is a great choice. Earlier than most supersweet varieties, with seedlings emerging better in cool soil. Ears are bi-color with excellent husk coverage and exceptional sweetness and tenderness. Xtra-Tender 2171 F1 will make a great freezer corn because the kernels are large and firm, making it easier to cut and process. Grow more to keep all winter! Developed by Illinois Foundation Seeds, Inc.



Xtra-Tender 2171 F1

2379 Allure F1 75 days

HYBRID • BI-COLOR • 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. Intermediate resistance to northern corn leaf blight, rust, and Stewart's bacterial wilt. Synergistics (sy) hold sweetness better post-harvest than se's. From our friends at Seneca Vegetable Research.



Allure F1

new 2385 Enchanted F1 78 days

HYBRID • BI-COLOR • 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. Shows intermediate resistance to Northern Corn Leaf Blight, common rust, and Stewart's wilt. From our friends at Seneca Vegetable Research.



Enchanted F1

2376 My Fair Lady F1 78 days

HYBRID • HMOS EXCLUSIVE • BI-COLOR • Sugary Enhanced (se) • 7-8" ears

High-class corn with tender texture and very good sweet flavor. Elegant, long slender ears are 1.25" wide at the center. Single-stalked plants grow 5' tall. My Fair Lady F1 was developed by Dr. William Tracy at the University of Wisconsin in collaboration with High Mowing Organic Seeds.



My Fair Lady F1



Who Gets Kissed?



Mirage F1



Tom Thumb



Painted Mountain



Roy's Calais Flint



Dakota Black



Jerry Petersen Blue

2382 Who Gets Kissed? 78-84 days

OP • BI-COLOR • Sugary enhanced (se) • 7-8" ears

A sweet corn bred for (and by) organic growers! Excellent flavor and tender texture; good cool soil emergence. Compact 5-6' tall plants with ears 2' off the ground; 14-16 rows of kernels each. Good tip fill and husk coverage. Ears have an extended harvest window—check frequently for maturity. Intermediate resistance to Rust and smut. 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. Introduced in 2015 to huge success. High Mowing is proud to be the exclusive producer of organic seed for this variety.

2378 Mirage F1 79 days

HYBRID • WHITE • 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. Intermediate resistance to northern corn leaf blight, rust and Stewart's bacterial wilt. From Seneca Vegetable Research.

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 • 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—the ultimate survival food. Multi-color kernels vary from ear to ear. Perfect for flour thanks to its soft starchy kernels that are easy to grind.

2390 Roy's Calais Flint 90-95 days

HEIRLOOM • MULTI • 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 an historic variety in need of preservation. Highly ornamental and genetically unusual blend of colors. Originally from the Abenaki people of the Northeast and Quebec.

2371 Dakota Black 95 days

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

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

2394 Jerry Petersen Blue 100 days

HEIRLOOM • BLUE • Ornamental/Milling • 9" ears

The perfect variety for blue corn flour. And it's gorgeous while you're drying it! After numerous trials of many blue corns, Jerry Petersen has emerged as the standout year after year, ripening earlier and with greater uniformity than any other variety. Has excellent tip fill and a simply magnificent blue color. Easy to shell and grind for a blue flour with good flavor. A South Dakota heirloom. *Limited availability in 2018.*

Why We
GROW

“Through seeds, we are making positive changes to agriculture on a national level. - Paul, Commercial Grower Sales”
More on p. 56.

CORN SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 oz	1/2 lb	1 lb	5 lb	25 lb*
2371 Dakota Black Popcorn	\$6.70	\$25.05	\$42.00	\$35.20/lb	\$30.00/lb
2375 Fisher's Earliest Sweet	\$4.50	\$17.50	\$29.50	\$24.70/lb	\$20.80/lb
2394 Jerry Petersen Blue Milling	\$4.40	\$16.00	\$25.00	\$22.00/lb	\$19.20/lb
2404 Painted Mountain Milling	\$5.40	\$20.25	\$25.70	\$22.60/lb	\$21.60/lb
2390 Roy's Calais Flint Milling	\$4.25	\$14.00	\$22.00	\$19.40/lb	\$17.20/lb
2410 Tom Thumb Popcorn	\$4.60	\$17.25	\$31.00	\$26.00/lb	\$23.48/lb
2382 Who Gets Kissed? Sweet	\$4.50	\$17.00	\$29.50	\$25.00/lb	\$22.00/lb

CORN SEED - HYBRID - SOLD BY SEED COUNT

	75	1 M	5 M	25 M	100 M**	500 M**
2379 Allure F1 Sweet	\$4.25	\$21.25	\$16.60/M	\$14.48/M	\$12.60/M	\$10.60/M
2385 Enchanted F1 Sweet	\$4.25	\$21.25	\$16.60/M	\$14.48/M	\$12.60/M	\$10.60/M
2378 Mirage F1 Sweet	\$4.25	\$21.25	\$16.60/M	\$14.48/M	\$12.60/M	\$10.60/M
2376 My Fair Lady F1 Sweet	\$3.75	\$18.00	\$12.00/M	\$9.00/M	\$7.50/M	\$6.50/M
2384 Xtra-Tender 2171 F1 Sweet	\$4.50	\$23.00	\$19.60/M	\$18.20/M	\$17.00/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.

Cucumbers

Cucumis sativus

National Pickling cucumber seed harvest and extraction on our farm in Vermont.

CULTURAL INFO: Days to maturity are from direct seeding, subtract 10 days if transplanting. Cucumbers 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. 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.

RESISTANCE KEY: **ALS**-Angular Leaf Spot, **AN**-Anthracnose, **CMV**-Cucumber Mosaic Virus, **CVYV**-Cucumber Vein Yellow 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

2432 Picolino F1 50 days

HYBRID • **CMV, PM, SCAB, TLS** • Parthenocarpic • 4-5" fruit

Mini English cukes 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. Intermediate resistance to cucumber vein yellows virus. Parthenocarpic plants allow for fruit set without pollination and under stress.

2421 Socrates F1 52 days

HYBRID • **PM, SCAB** • 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 • **SCAB, TLS** • 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, with intermediate resistance to powdery mildew. From Vitalis Organic Seeds.

2419 Manny F1 55 days

HYBRID • **PM, CVYV** • Parthenocarpic • Gourmet Beit Alpha-type • 5-7" fruit

Thin, lightly ribbed skin and mild, sweet flavor in a charming size! Crisp fruits great for snacking; larger than Picolino F1 with higher yields and better field performance. Performs best trellised but had impressive yields in our field trials as well. Plants do not require pollination, allowing for early, heavy yields even under stress.

2428 Tyria F1 58 days

HYBRID • **PM, SCAB, TLS** • 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 • **PM, PRS, WMV, ZYMV** • 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. Beit Alphas are similar to European/Dutch types with the same ribbed skin but smaller.

AMERICAN SLICER

2427 Saber F1 55 days

HYBRID • **TLS, SCAB** • Parthenocarpic • 8.5-9" fruit

Excellent uniform variety for the greenhouse or field. Long, straight dark green fruits with blunt ends are great for commercial growers. Thick, smooth skin that holds up well in handling and shipping. Tolerates cool weather. Parthenocarpic plants do not require pollination. Intermediate resistance to cucumber mosaic virus and cucumber vein yellows virus.



Picolino F1



Kalunga F1



Socrates F1



Tyria F1



Manny F1



Green Finger



Saber F1

CUCUMBERS



Paraiso F1



Marketmore 76



National Pickling

Calypso F1

H-19 Little Leaf



Adam F1



Poona Kheera



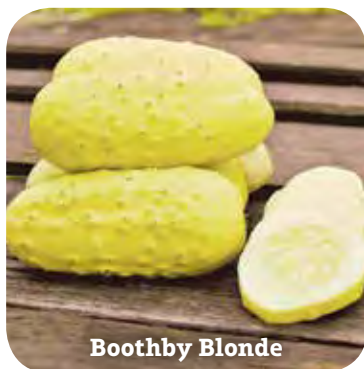
Suyo Long



Silver Slicer



Tasty Green F1



Boothby Blonde

2426 Paraiso F1 55 days

HYBRID • Early, uniform fruit • High yielding • 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. Intermediate resistance to powdery mildew, cucumber vein yellows virus and cucumber mosaic virus.**2440 Marketmore 76** 65 daysOP • **PM, CMV, SCAB** • Vigorous • 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.**PICKLING****2450 National Pickling** 52 daysOP • **CMV, SCAB** • Productive • 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.**2422 Calypso F1** 52 daysHYBRID • **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.**2452 H-19 Little Leaf** 58 daysOP • **ALS, AN, CMV, PM, SCAB** • 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 daysHYBRID • **CMV, PM, SCAB** • 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! Intermediate resistance to downy mildew.**SPECIALTY****2454 Poona Kheera** 50 days

OP • Productive • 4-5" fruit

Unusual gourmet variety with sweet golden skin and juicy, crisp**texture.** Specialty variety from India has light yellow skin when young, with rosy russetting at full maturity. Traditionally sold at yellow stage, but flavor is best when harvested as rosy blush begins. Heavy producer. Climbs easily on a trellis to 5-6'.**2424 Silver Slicer** 54 days

OP • American slicer-type • 5-6" fruit

A creamy-white slicer with excellent flavor and lovely smooth skin. The hands-down winner in our taste tests for its mild flavor; juicy texture and thin skin. Fruits are 2" wide, similar to Boothby Blonde with a longer, narrower shape and better flavor. Bred by Cornell University.**2435 Suyo Long** 60 daysHEIRLOOM • **PM** • Heat tolerant • Asian • 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.**new 2433 Tasty Green F1** 60 daysHYBRID • **PM** • Heavy yields • Asian • 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. Intermediate resistance to downy mildew.**2420 Boothby Blonde** 63 days

HEIRLOOM • Great container variety • 3-5" fruit

Heavy yields of unique plump cucumbers with creamy yellow skin. We love its sweet, delicate flavor and oddly endearing appearance. Maintained for five generations by the Boothby family of Livermore, Maine. Recognized by the Slow Food Ark of Taste as a historic variety, High Mowing has taken on preservation of this unique cultivar by continuing seed productions.

2430 Lemon 68 days

HEIRLOOM • Tolerates cool weather • 3" fruits
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!



Lemon

Why We
GROW

“We’re fixing the food system one seed at a time.”
- Ben, Fulfillment
 More on p. 56.”

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	\$4.70	\$9.00	\$20.00	\$73.00	\$66.00/lb	\$60.00/lb
2425 Green Finger	\$2.95	\$6.20	\$15.20	\$37.00	\$117.00	\$104.00/lb	\$93.00/lb
2452 H19 Little Leaf	\$2.95	\$4.85	\$11.85	\$29.00	\$96.00	\$83.00/lb	\$74.00/lb
2430 Lemon	\$2.95	\$4.00	\$6.00	\$18.00	\$55.00	\$51.00/lb	\$47.00/lb
2440 Marketmore 76	\$2.95	\$3.60	\$5.00	\$11.75	\$35.00	\$33.00/lb	\$26.60/lb
2450 National Pickling	\$2.95	\$4.10	\$5.50	\$17.60	\$53.00	\$50.00/lb	\$46.00/lb
2454 Poona Kheera	\$2.95	\$4.75	\$11.00	\$27.00	\$92.00	\$83.00/lb	\$74.00/lb
2424 Silver Slicer	\$2.95	\$6.50	\$16.00	\$39.00	\$115.00	\$102.00/lb	\$85.00/lb
2435 Suyo Long	\$2.95	\$6.50	\$16.00	\$39.00	\$115.00	\$102.00/lb	\$85.00/lb

CUCUMBER SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2423 Adam F1	\$4.00	\$9.30	\$29.85	\$88.00	\$79.00/M	\$72.00/M
2422 Calypso F1	\$2.95	\$3.75	\$8.50	\$11.75	\$8.00/M	\$6.20/M
2431 Kalunga F1	\$15.00	\$55.00	\$235.00	\$705.00	\$645.00/M	\$580.00/M
2419 Manny F1	\$4.00	\$9.30	\$29.85	\$88.00	\$79.00/M	\$72.00/M
2426 Paraiso F1	\$8.25	\$23.00	\$82.00	\$270.00	\$250.00/M	\$240.00/M
2432 Picolino F1	\$8.50	\$26.00	\$99.00	\$325.00	\$280.00/M	\$260.00/M
2427 Saber F1	\$7.00	\$22.00	\$79.00	\$220.00	\$195.00/M	\$177.00/M
2421 Socrates F1	\$8.75	\$34.00	\$125.00	\$370.00	\$297.00/M	\$263.20/M
2433 Tasty Green F1	\$2.95	\$4.00	\$13.00	\$41.00	\$35.00/M	\$32.00/M
2428 Tyria F1	\$11.50	\$47.00	\$215.00	\$668.00	\$615.00/M	\$552.00/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

Our trials crew having buckets of fun with an eggplant harvest.

CULTURAL INFO: Days to maturity are from transplant. Sow seeds indoors 8-12 weeks before last frost date. Optimal soil temperature for germination is 85°F. Plant outdoors in daytime temperatures of at least 65°F and nighttime temperatures of above 50°F. Eggplants grow best in deep, well drained soils with pH 6-6.5. Irrigate well, especially during flowering and fruit set. Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Use plastic mulch and floating row cover to increase soil and air temperatures and

ward off insects. Harvest eggplants when skin is glossy and thumbprint will not leave an impression (over-ripe if seeds are brown.) Store at 50-55°F and 90% relative humidity.

SEED SPECS: 5.5-7.5M (6.5M avg) seeds/oz. M=1,000 seeds. **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.

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.

2472 Snowy 60 days

OP • Widely adapted • Great for containers • 7" fruit
Elegant snow-white eggplant with medium-thick skin and delicate sweet flavor. Snowy's texture is firmer and meatier than most, holding up well in cooking and handling. Upright, sturdy plants are well adapted to many growing conditions.



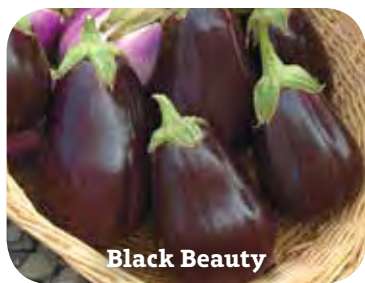
Little Finger



Snowy



Michal F1



Black Beauty



Ping Tung Long



Diamond



Traviata F1



Rosa Bianca



Listada di Gandia

new 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 our friends at 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.

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!

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 be lower-yielding in extreme northern areas like northern Vermont or Quebec.

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 our partners at Vitalis 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-POLLINATED - SOLD BY SEED WEIGHT

	1/64 oz	1/16 oz	1/4 oz	1 oz	1/4 lb
2470 Black Beauty	\$2.95	\$4.00	\$8.30	\$20.00	\$56.70
2471 Diamond	\$2.95	\$11.00	\$22.05	\$53.30	\$169.15
2474 Listada diGandia	\$2.95	\$11.50	\$23.00	\$55.00	\$175.00
2466 Little Finger	\$3.75	\$12.50	\$26.00	\$65.45	\$216.80
2467 Ping Tung Long	\$2.95	\$10.00	\$22.70	\$53.25	\$172.75
2475 Rosa Bianca	\$2.95	\$8.10	\$16.80	\$41.00	\$132.00
2472 Snowy	\$2.95	\$10.65	\$21.55	\$50.40	\$150.50

EGGPLANT SEED - HYBRID - SOLD BY SEED COUNT

	10	50	100	250	1 M
2468 Michal F1	\$6.10	\$12.60	\$19.55	\$29.00	\$95.00
2473 Traviata F1	\$6.10	\$12.60	\$19.55	\$29.00	\$95.00

Larger volumes available; please call for pricing.



Fennel

Foeniculum vulgare



Weeding fennel at the The Farm at the Vermont Youth Conservation Corps.

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. Fennel is delicate and will dry out quickly in storage; remove stalks and wrap bulbs separately in plastic. Store in cooler as close to freezing as possible. Quality will keep for 3-4 days.

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 are 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 75 days

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 75 days

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 80 days

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

OP • Ideal for baby bulbs • Spring crop • 2-3" bulbs

The best known Fennichio, loved for its sweet aroma and edible foliage. Perfect for baby to medium size bulbs and 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 82 days

HYBRID • Bolt resistant • 3-4" bulbs

Large, uniform rounded bulbs with high yield potential. Bulbs average 3-4" wide and hold well in the field, with good tolerance to tip burn and bolting. An extremely reliable producer across a variety of conditions, with strong late season vigor for baby bulbs in the fall.



Solaris F1



Preludio F1



Orion F1



Florence



Finale

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	\$8.50	\$30.00	\$145.00	\$257.00
2480 Florence	\$2.95	\$4.60	\$18.40	\$63.50	\$103.00

FENNEL SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2481 Orion F1	\$3.75	\$16.50	\$29.75	\$25.40/M	\$22.80/M
2478 Preludio F1	\$2.95	\$12.50	\$19.00	\$17.20/M	\$15.20/M
2479 Solaris F1	\$3.75	\$16.50	\$29.75	\$25.40/M	\$22.80/M

Larger volumes available; please call for pricing.

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

FENNEL

Garlic *Allium sativum*

Music garlic growing at High Mowing's seed production farm.

GARLIC

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 just 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 results 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, averages 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 16th, 2018.

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 allicin 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 • 9-10 cloves

Easy to peel, long cloves with beautiful purple stripes and mild flavor. 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.

86350 Metechi

OP • Purple Stripe-type • 4-7 cloves

Large fiery cloves wrapped in thick tawny skin. Very thick, tight skin hides large, bulbous cloves with firm texture. Easy to peel and one of the best varieties for roasting! Suitable for warm or cold climates. Long storing.

86150 Killarney Red

OP • Rocambole-type • 8-9 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 • 8-12 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 Incheium Red

HEIRLOOM • Artichoke-type • 8-20 cloves

Award-winning flavor is robust and rich with a hint of heat. Heavy, flattened bulbs may exceed 3" across and are protected by thick outer skin. Vigorous and tasty! Originally saved by the native population in northern Washington State, Incheium Red became more widely distributed when it was discovered on the Colville Indian Reservation by Larry Geno.

86250 Lorz Italian

HEIRLOOM • Artichoke-type • 12-19 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 flavor 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.



Incheium Red



Lorz Italian



Nootka Rose



Silver White

GARLIC - SOLD BY SEED WEIGHT

	1 lb	5 lb	25 lb*
86400 Chesnok Red	\$21.25	\$20.40/lb	\$18.00/lb
86750 Georgian Crystal	\$21.25	\$20.40/lb	\$18.00/lb
86100 Incheium Red	\$21.25	\$20.40/lb	\$18.00/lb
86150 Killarney Red	\$21.25	\$20.40/lb	\$18.00/lb
86250 Lorz Italian	\$21.25	\$20.40/lb	\$18.00/lb
86350 Metechi	\$21.25	\$20.40/lb	\$18.00/lb
86300 Music	\$21.25	\$20.40/lb	\$18.00/lb
86600 Nootka Rose	\$21.25	\$20.40/lb	\$18.00/lb
86450 Silver White	\$21.25	\$20.40/lb	\$18.00/lb
86700 Spanish Roja	\$21.25	\$20.40/lb	\$18.00/lb
86550 Zemo	\$21.25	\$20.40/lb	\$18.00/lb

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

The Search for Better Seed

How High Mowing expanded our garlic selection and improved quality with our partners.

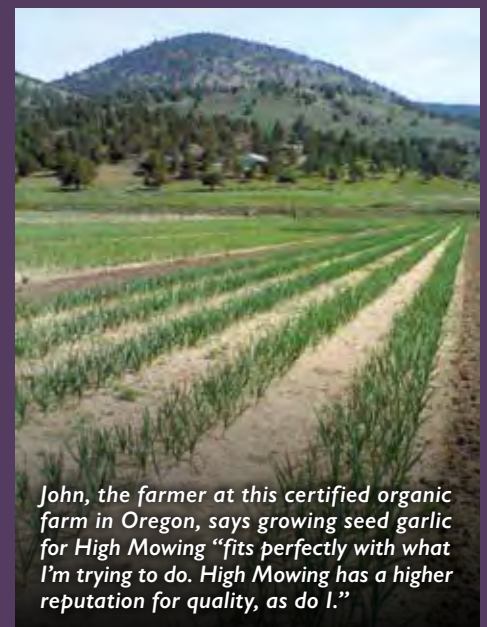
Garlic is one of the most difficult crops in which to maintain quality. After frustrations in our early years with garlic seed that simply didn't meet our standards, we committed to some operational changes in order to enhance our garlic offerings.

Broadening Our Selection Our team identified outstanding varieties of both hardneck and softneck types, seeking to multiply our offerings in five main subcategories (Rocambole, Purple Stripe, Porcelain, Artichoke and Silverskin). This deepening of our selection allowed us to better fulfill our growers' needs with options for types of garlic and maintain suitable alternatives in the event of a seed quality issue.

Finding Our Partners Next, we sought out seed growers with reputations for quality. We now source the majority of our garlic from small, independent producers

who guarantee a superior product – not just because we asked for it, but because they share our value of commitment to excellent quality. Their production systems align with our philosophies of building healthy soil and using sustainable practices to prevent pest and disease from diminishing the quality of a seed crop.

Quality Assured High Mowing Organic Seeds offers the highest quality garlic available. When High Mowing actively stepped into a new realm of garlic seed production and distribution, it was with the hope that the growers who use our seed would directly benefit from this positive shift. It is always our goal to offer growers more than seed—integrity, consistency and a commitment to quality are a part of our pledge to the growers who use our seed, and to the growers who produce our seed.



John, the farmer at this certified organic farm in Oregon, says growing seed garlic for High Mowing "fits perfectly with what I'm trying to do. High Mowing has a higher reputation for quality, as do I."

Greens, Salad Mixes

Salads with Gourmet Lettuce Blend and other greens being plated for a Sandiwood Farm to Fork Sunset Dinner.

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 ~3" 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: DM-Downy Mildew

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



Gemstone Greens Blend



Hotshot Mix



Mild Mustard Blend



Braising Mix



DMR Salad Blend



Gourmet Lettuce Blend



Mesclun Mix



Red Planet Blend

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 an emphasis on colorful red and purple stems for a mix as pretty on the plate as it is in the field. A tasty, mildly spicy blend for salad connoisseurs. Colors are enhanced by cooler temperatures and full sun.

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 extreme diversity.

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.

2519 Braising Mix 28 days baby, 35 full size

OP • Baby leaf or bunching • Slightly spicy

A balanced blend of robust varieties ideal for sautéing or braising. A medley of kales, collards, choys and mustard greens for a delicious combination of flavors and textures. Varieties have complementary growth rates and contrasting colors and leaf shapes. A versatile mix intended for bunching or baby leaves.

2615 DMR Salad Blend 28 days

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

Superb downy mildew resistance in a high quality blend. An attractive blend of downy mildew resistant lettuces suitable for both outdoor and indoor production. Features strong, deep reds and brilliant greens, including oak leaf, 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.

2620 Mesclun Mix 28 days

OP • 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 • 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!

2584 Yankee Hardy Lettuce Blend 28 days
 OP • HMOS EXCLUSIVE • **DM (most varieties resistant to races 1-17)** • Cold hardy
A cold tolerant, disease resistant mix. This attractive blend of colors and leaf types create 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.

new **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 sautés. Varieties selected to mature at an even rate and provide a variety of colors and textures. May include Siberian, Lacinato, Vates and Red Russian kale varieties.

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.



Ironman Kale Mix



Yankee Hardy Lettuce Blend



Beta Blend

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	\$7.30	\$17.90	\$44.10	\$73.50	\$67.00/lb
2519 Braising Mix	\$2.95	\$3.80	\$6.80	\$17.00	\$40.30	\$66.25	\$59.70/lb
2616 Gemstone Greens Blend	\$2.95	\$4.75	\$8.40	\$18.30	\$57.10	\$80.30	\$76.76/lb
2610 Gourmet Lettuce Blend	\$2.95	\$4.75	\$8.40	\$18.30	\$57.10	\$80.30	\$76.76/lb
2518 Hotshot Mix	\$2.95	\$3.75	\$6.55	\$17.45	\$55.25	\$78.20	\$75.65/lb
2516 Ironman Kale Mix	\$2.95	\$4.65	\$8.30	\$18.00	\$35.00	\$51.00	\$41.00/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 Blend	\$2.95	\$5.25	\$9.35	\$20.30	\$63.00	\$117.15	\$98.18/lb
2584 Yankee Hardy Lettuce Blend	\$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	\$1.53/M	\$1.28/M	\$1.19/M	\$1.11/M	\$0.85/M	

Larger volumes available; please call for pricing.

Better Together

Strength through partnerships with organic seed growers

More than twenty years ago, Tom Stearns grew the seeds for all 58 of High Mowing's varieties in his backyard in Gospel Hollow, Vermont. In 2017, we grew 26 acres of seed crops on our farm in Hyde Park, Vermont, producing seeds for 46 of our 700+ varieties. To become the whole farm catalog we are today, High Mowing harnessed the power of partnerships so that we may offer more organic seeds, grown by talented and dedicated farmers in Vermont and beyond.

One of the things we've learned since those early days is that we can't do this by ourselves. Because building the organic seed supply represents a shared challenge, it is an effort that cannot be attempted in isolation. To augment the varieties we source from other organic seed companies, we have steadily built our network of independent seed producers to help us rise to the challenge. We now partner with over fifty seed growers across the country to bring a wide selection of professional quality organic seeds to farmers and gardeners. We

consider it an essential part of our duty as seed stewards to enroll allies like these in our effort to increase growers' access to organic seed.

Our partners are farmers who have demonstrated excellence in their fields, growing the highest quality organic

seeds with a commitment to sustainable agricultural practices. We are delighted that they have joined us, and the farmers, gardeners and homesteaders who utilize our seeds, in demonstrating a deep investment in stewardship of the seeds they grow.



Our seed production team includes Tom (far left), Stephen (second from left), Charles (center) and Molly (far right). They work with Jacob (second from right), who manages contract seed production with our network of growers.

Greens, Asian & Mustard

Taylor harvests Prize Choy in a pac choy comparison trial.

CULTURAL INFO: Days to maturity are from direct seeding. Asian and mustard greens are moderately 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 ~3" 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 covers 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*

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 are essential to 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.

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.

2492 **Mibuna** 21 days baby, 40 full size

OP • Cold tolerant • Slow to bolt

Easy-to-grow Japanese green with mild mustard flavor. A favorite for commercial growers with a custom braising mix. Vigorous, early and cold tolerant. Similar to Mizuna but with long, rounded leaves instead of serrated. Long white stems are borne in tight rosettes reaching 12" tall. Perfect lightly steamed and seasoned. Slow to bolt.

Why We
GROW

“Producing organic seed is about walking lightly on the earth. Our work makes the world better, and that's deeply satisfying.”
—Andrea, Sales and Marketing More on p. 56.

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 mid rib. A lettuce mustard green resembling Black Seeded Simpson; an excellent baby green for adding loft and weight to mixes. Planted at 4-6" spacing, this variety will grow into an attractive bunching green with solid white midribs and an exceptionally tender leaf texture.

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.

2487 Vivid Choi Pac Choy 21 days baby, 45 full size

OP • 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.

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.

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 bunch at full size. Mild flavor and tender texture. At full size leaves form a rosette that sits close to the ground.

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 top Asian chefs for its tenderness and mild flavor. Originally native to China, the seed for this variety came to us through Kitazawa Seed Co., 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

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.

MUSTARD GREENS - *B. juncea*

2500 Purple Osaka 21 days baby, 40 full size

OP • Adds color and loft to mixes • Cold tolerant • Spicy flavor

Spicy cupped emerald leaves tinged with purple. Purple color becomes more intense as leaves mature. Similar to Red Giant with less colorful veins and a cupped leaf that makes washing easier and salads loftier. Spicy mustard flavor.

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 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 Co. in California.

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 workhorse mustard, with beautiful color and spicy flavor that mellows when cooked. At baby stage leaves are flat with softly serrated edges. At full size, leaf margins become heavily serrated and frilly.

2505 Red Giant 23 days baby, 45 full size

OP • Essential salad leaf • Spicy flavor

Baby greens have bright green 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-fry, soups and pickling.



Vivid Choi Pac Choy



Yukina Savoy



Tat Soi



Shanghai Green Pac Choy



White Stemmed Pac Choy



Prize Choy



Purple Osaka



Ruby Streaks



Garnet Giant



Golden Frill



Green Wave



Red Giant

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	\$8.10	\$14.70	\$48.00	\$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	\$4.50	\$6.90	\$16.15	\$52.50	\$95.00	\$90.00/lb	
2489 Komatsuna Asian Greens	\$2.95	\$4.20	\$6.00	\$12.60	\$39.50	\$72.00	\$65.00/lb	
2492 Mibuna Asian Greens	\$2.95	\$4.00	\$5.25	\$12.00	\$36.55	\$63.75	\$59.50/lb	
2490 Mizuna Asian Greens	\$2.95	\$3.35	\$4.00	\$8.50	\$20.00	\$33.00	\$29.50/lb	\$27.00/lb
2513 Prize Choy Pac Choy	\$2.95	\$4.00	\$5.50	\$15.00	\$39.00	\$70.00	\$62.00/lb	
2491 Purple Mizuna Asian Greens	\$2.95	\$5.55	\$7.10	\$22.50	\$54.00	\$85.50	\$82.15/lb	
2500 Purple Osaka Mustard Greens	\$2.95	\$3.70	\$5.10	\$13.75	\$34.00	\$63.00	\$60.00/lb	
2505 Red Giant Mustard Greens	\$2.95	\$3.15	\$4.30	\$8.80	\$25.50	\$42.25	\$38.30/lb	
2506 Ruby Streaks Mustard Greens	\$2.95	\$4.20	\$6.15	\$18.70	\$45.90	\$75.65	\$63.75/lb	
2514 Shanghai Green Pac Choy	\$2.95	\$4.50	\$6.75	\$16.95	\$48.00	\$82.00	\$72.00/lb	
2510 Tat Soi Asian Greens	\$2.95	\$4.15	\$5.70	\$11.55	\$25.40	\$36.75	\$33.60/lb	
2501 Tokyo Bekana Asian Greens	\$2.95	\$4.95	\$6.30	\$20.00	\$48.00	\$76.00	\$73.00/lb	
2502 Vitamin Green Asian Greens	\$2.95	\$8.00	\$10.00	\$25.00	\$75.00	\$110.00	\$90.00/lb	
2487 Vivid Choi Pac Choy	\$2.95	\$5.30	\$6.75	\$21.25	\$51.25	\$92.00	\$87.50/lb	
2515 White Stemmed Pac Choy	\$2.95	\$3.50	\$4.25	\$10.00	\$18.00	\$30.00	\$26.00/lb	
2493 Yukina Savoy Asian Greens	\$2.95	\$4.95	\$6.30	\$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.

Greens, Specialty

Harvesting Astro Arugula at Harmony Valley Farm.

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.

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



Astro Arugula



Esmee Arugula

AMARANTH - *Amaranthus hypochondriacus*

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 a nutritious grain. 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.

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*

new 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 arugula cultivars. Beautifully shaped leaves are upright and lofty, perfect for either bunching or bagging. Quick growing and very cold tolerant. *Eruca sativa*

1939 **Surrey** 28 days baby

OP • Easy to grow • Upright habit

A fast growing, deeply lobed variety with upright habit and rich, spicy flavor.

Appearance is like a cross between Astro and wild arugula, taking the best from each with the faster growth rate and milder flavor of Astro and the attractive leaf shape of Sylvetta Wild. Quick growth rate and upright habit reduce disease pressure. *Eruca sativa*

2012 **Grazia** 50 days

OP • Very heat and cold tolerant • Slow to bolt

Improved Sylvetta-type with firey flavor that holds better after harvest. Grazia

has the same small, fine 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*

2011 **Sylvetta Wild** 50 days

OP • Great winter crop • Heat and cold tolerant

Also known as roquette, this wild arugula relative has a firey 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*

BEET 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 days 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 salad 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 flower. Ideal for winter hoophouses; will survive frost and multiple cuttings.

ENDIVE

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

OP • ENDIVE • Baby or full sized leaves

Frisly endive with finely cut leaves and blanched interior sprigs. A signature salad mix ingredient! Similar to Tres Fine Maraichere but a bit less frilly. Grow as baby leaf or leaf lettuce; plant at high density or cover centers for well blanched, tender sprigs. *Cichorium endivia*

1943 **Totem** 115 days root

OP • BELGIAN ENDIVE • Uniform size • 8" roots

Uniform, high quality roots for forcing from September to January. Performed best overall in our Belgian endive trials, producing plants of moderate size and roots that are perfectly sized for most forcing beds. Stores well. *Cichorium intybus*

GARDEN CRESS - *Lepidium sativum*

2415 **Wrinkled Crinkled Crumpled Cress** 21 days

OP • Open Source Seed • Bolt resistant

A tongue-twister on the page as well as the plate! Twisted, savoyed texture adds loft and heft to salad mixes. Similar to curly parsley in appearance but with a peppery punch; suitable for multiple cuttings. Bred by Frank Morton at Wild Garden Seeds.

MÂCHE - *Valerianella locusta*

1988 **Vit** 50 days

OP • Spring/fall crop • Upright habit

Vigorous winter salad leaf with delicious nutty flavor and succulent, crisp texture. Very cold hardy, versatile green forming attractive rosettes of glossy leaves. Excellent hoophouse crop tolerating cool, moist conditions and downy mildew.

PURSLANE - *Portulaca oleracea var sativa*

1945 **Golden** 50 days

OP • Vigorous • Upright plants 18" tall

Golden stems and large, succulent light green leaves packed with Omega 3s. This is not your well-known garden weed! Individual leaves are oval to round and thick, about the size of a teaspoon with fresh, tangy flavor. Very nutritious and easy-to-grow salad green.



Surrey Arugula



Grazia Arugula



Sylvetta Wild Arugula



Frisse Endive



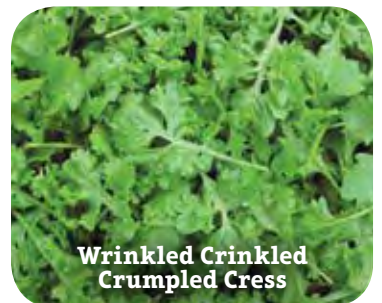
Bull's Blood and Early Wonder Tall Top Beet Greens



Claytonia



Totem Belgian Endive



Wrinkled Crinkled Crumpled Cress



Vit Mâche



Golden Purslane



Virtus F1



Fiero F1



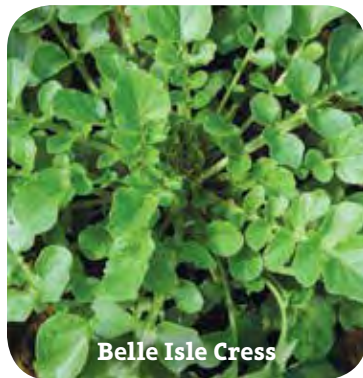
Leonardo F1



Palla Rossa



Hong Vit Radish Greens



Belle Isle Cress

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. Heads should be harvested when 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 1 pound each at maturity. Plant for fall and winter crops, when color and flavor is best. From our partners at Bejo Seeds.

1990 **Palla Rossa** 90 days

OP • Chioggia-type • Round 3-4" heads

An Italian favorite forming dense round heads over a longer harvest window.

Produces a high percentage of well-wrapped, dense magenta heads, but with variations in coloring and maturity. Works well for leaf cuttings all season or fall harvest of heads when color and flavor is best.

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	\$5.30	\$12.30	\$25.60	\$64.00	\$117.60		
2260 Bull's Blood Beet Greens	See beet section on p.8 for sizes and prices							
1999 Burgundy Amaranth	\$2.95	\$5.75	\$15.50	\$33.00	\$75.35	\$121.85		
1946 Claytonia	\$2.95	\$9.00	\$23.00	\$78.00	\$225.00	\$350.00	\$330.00/lb	\$300.00/lb
2013 Esmee Arugula	\$2.95	\$3.25	\$5.00	\$10.00	\$19.00	\$28.00	\$20.00/lb	
2290 Early Wonder Tall Top Beet Greens	See beet section on p.8 for sizes and prices							
1970 Frisse Endive	\$2.95	\$4.20	\$6.00	\$12.60	\$39.90	\$75.60		
1945 Golden Purslane	\$2.95	\$6.95	\$18.50	\$64.00	\$220.00	\$398.00		
2012 Grazia Arugula	\$2.95	\$7.00	\$16.55	\$35.35	\$116.00	\$190.00	\$177.00/lb	
2496 Hong Vit Radish Greens	\$2.95	\$3.25	\$4.00	\$9.00	\$27.00	\$36.00	\$29.00/lb	
1990 Palla Rossa Radicchio	\$3.40	\$7.00	\$20.00	\$54.00	\$180.00	\$320.00		
1939 Surrey Arugula	\$2.95	\$4.10	\$5.90	\$14.00	\$40.00	\$65.00	\$55.00/lb	
2011 Sylvestra Wild Arugula	\$2.95	\$5.10	\$9.00	\$24.00	\$78.40	\$119.55	\$110.00/lb	
1988 Vit Mâche	\$2.95	\$5.00	\$8.50	\$22.00	\$59.00	\$100.00	\$92.00/lb	
2415 Wrinkled Crinkled Crumpled Cress	\$2.95	\$4.00	\$7.50	\$18.80	\$53.60	\$92.00	\$86.00/lb	

GREENS - SPECIALTY - OPEN-POLLINATED - SOLD BY SEED COUNT

	100	500	1 M	5 M	25 M
1943 Totem Belgian Endive	\$3.95	\$8.95	\$16.00	\$13.45/M	\$11.60/M

GREENS - SPECIALTY - HYBRID - SOLD BY SEED COUNT

	100	500	1 M	5 M	25 M
1986 Fiero F1 Radicchio	\$6.80	\$22.75	\$39.50	\$33.00/M	\$29.40/M
1992 Leonardo F1 Radicchio	\$6.95	\$26.25	\$48.50	\$41.90/M	\$36.90/M
1987 Virtus F1 Radicchio	\$7.50	\$28.50	\$52.75	\$46.50/M	\$43.00/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

Ancient Eastern Blend sprouts.

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: 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 make sure 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. **\$36.00**



Sprout Jar Lid



Sprout Master Mini Triple Sprouter



Alfalfa



Ancient Eastern Blend



Broccoli Blend



Broccoli



Crunchy Bean Mix



Fenugreek



Mung Bean



Red Clover



Sandwich Booster Mix



Spicy Salad Mix

SPROUTING SEEDS - SOLD BY SEED WEIGHT

DESCRIPTION

3 oz

4 oz

1700 Alfalfa	Mild flavor and crunch; very easy to grow!	\$4.95	
1710 Ancient Eastern Blend	A delicious blend of fenugreek, lentils, kamut (wheat), mung beans and adzuki beans.		\$3.95
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.		\$3.95
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.		\$3.95
1711 Red Clover	A versatile, easy sprout with mild, sweet flavor and delicate crunch.		\$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

Microgreens growing at Shenandoah Growers.

CULTURAL INFO: Microgreens are the tender, immature leaves of salad greens, herbs, edible flowers and leafy vegetables. Almost any seed can be grown as a microgreen but there are some tried-and-true varieties that are sought out for their unique color, shape and flavor at the micro size. Choose flats with drainage holes for planting; 1020 plastic flats work well. Fill flats with an inch or more of moist potting soil or soilless mix. Broadcast seed 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 hoophouses 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, in spinner, or place them into mesh bags and spin dry in a modified upright washing machine. 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.

GREENS



Arugula



Basil



Broccoli



Cilantro



Collards



Golden Chard



Green Wave Mustard



Green Chard



Green Kale



Lacinato Kale



Mizuna



Pac Choy



Purple Sango Radish



Red Acre Cabbage



Red Beet



Red Chard



Red Mustard



Red Russian Kale



Ruby Streaks Mustard



Mild Mix



Spicy Mix



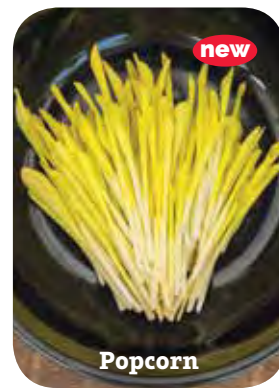
Pea



Sunflower



Wheatgrass



Popcorn

GREENS - MICRO - SOLD BY SEED WT	DESCRIPTION	FLAVOR	DAYS TO TRUE LEAF	1/4 lb	1 lb	5 lb	25 lb*
2010-QMG Arugula	Long, rounded smooth green leaves	Spicy	16-25	\$9.85	\$23.00	\$20.60/lb	\$19.35/lb
5000-QMG Basil	Half-circle shaped leaves; short stems	Basil	16-25	\$13.00	\$36.50	\$32.00/lb	\$26.00/lb
1734-QMG Broccoli	Succulent white stems and dark green leaves	Mild	10-15	\$6.80	\$16.25	\$14.25/lb	\$13.50/lb
5050-QMG Cilantro	Light green leaves and white stems	Mild	16-25	\$10.00	\$21.00	\$15.80/lb	\$12.50/lb
1740-QMG Collards	Dark green leaves and green stems	Mild	10-15	\$32.00	\$85.00	\$77.00/lb	\$60.00/lb
2345-QMG Golden Chard	Narrow green leaves and gold stems	Mild	16-25	\$20.80	\$63.70	\$58.50/lb	\$54.00/lb
2343-QMG Green Chard	Narrow green leaves and pale pink stems	Mild	16-25	\$8.50	\$22.00	\$20.00/lb	\$17.00/lb
1736-QMG Green Kale	Dark green leaves and white stems	Spicy	10-15	\$12.75	\$41.00	\$37.00/lb	\$24.00/lb
2485-QMG Green Wave Mustard	Narrow green leaves and white stems	Mild	10-15	\$29.00	\$95.00	\$90.00/lb	\$76.00/lb
2520-QMG Lacinato Kale	Light green leaves and green stems	Mild	10-25	\$24.00	\$77.00	\$67.00/lb	\$42.00/lb
1730-QMG Mild Mix	Attractive blend of colors and textures	Mild	10-25	\$11.50	\$36.50	\$32.90/lb	\$28.00/lb
2490-QMG Mizuna	Light green, deeply serrated leaves	Mild	10-15	\$11.50	\$33.00	\$29.50/lb	\$24.00/lb
2515-QMG Pac Choy	Rounded, juicy tender leaves	Mild	10-15	\$13.65	\$31.50	\$27.30/lb	\$22.00/lb
1737-QMG Purple Sango Radish	Deep purple-green leaves and purple stems	Spicy	10-15	\$12.00	\$38.00	\$33.00/lb	\$31.00/lb
1738-QMG Red Acre Cabbage	Emerald green leaves with bright purple stems	Mild	10-15	\$12.00	\$38.00	\$33.00/lb	\$25.00/lb
2290-QMG Red Beet	Narrow, light green leaves and magenta stems	Mild	16-25	\$6.95	\$18.00	\$15.80/lb	\$14.00/lb
2360-QMG Red Chard	Yellow-green leaves and scarlet stems	Mild	16-25	\$8.00	\$28.00	\$25.00/lb	\$22.00/lb
2505-QMG Red Mustard	Green leaves with purple veins and highlights	Spicy	16-25	\$16.00	\$48.00	\$42.00/lb	\$34.00/lb
2530-QMG Red Russian Kale	Green/purple leaves and lavender stems	Mild	10-15	\$11.00	\$35.75	\$32.00/lb	\$29.50/lb
2506-QMG Ruby Streaks Mustard	Green leaves with a mild spice and purple hues	Mild	10-15	\$27.00	\$89.00	\$75.00/lb	\$58.00/lb
1733-QMG Spicy Mix	Spicy blend of flavors and textures	Spicy	10-15	\$16.00	\$52.00	\$47.00/lb	\$38.00/lb
SHOOTS - SOLD BY SEED WEIGHT	DESCRIPTION		DAYS TO MATURITY	1/4 lb	1 lb	5 lb	25 lb*
1800 Pea	Crunchy, juicy texture and the same delicious flavor as fresh peas		7-14	\$2.95	\$4.45	\$3.10/lb	\$2.50/lb
1805 Popcorn	Sweet flavor and good crunch		7-14	\$5.65	\$14.00	\$12.00/lb	\$10.40/lb
1810 Sunflower	Black oil variety best for tender shoots with nutty flavor		7-14	\$4.15	\$10.25	\$8.60/lb	\$7.60/lb
1706 Wheatgrass	Great for wheatgrass juice, sprouted wheat bread, milling or short sprouts		7-14	\$3.50	\$5.55	\$3.50/lb	\$3.25/lb

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

Micros for Everyone

An interview with Anne and Brian Bates of Bear Creek Organic Farm on year-round microgreens production in Petoskey, Michigan

How did you determine that microgreens production was right for your farm?

Three years ago, we were brainstorming new products that would complement our existing year-round greens production. After we saw growers at other markets selling them successfully, we tried two flats at our own

market and sold out immediately. Two flats turned into 20 flats a week, and then 200+ flats, and the rest is history.

Microgreens are often considered a specialty item. What steps did you take to make microgreens work for your local markets?

The most important thing we did when we started was to carefully calculate costs of production, and listen to our customers. We decided to make these greens accessible to our everyday market goers – not just for sales to high-end markets. Because we price our greens economically, they now account for 20% of our overall farm business. Microgreens seem to do best with customers we can interact with. The concept is new to a lot of consumers, but once they try the product, see how easy it is to use and how reasonably it is priced, they're hooked. We sell direct at two year-round farmers markets. We also wholesale to local businesses, and even to the local schools (kids love them!).

What has surprised you the most about adding microgreens to your farm model?

Ironically, we first thought microgreens might just be a quick way to help pay the propane bill in the spring – but they've changed how we



Anne and Brian grow 18 different varieties of organic microgreens.

think about our whole business! Bringing them to market has really enhanced the customer experience in our wintry climate as we are able to provide fresh, organic greens of many flavors and colors all year long.

What is some advice you would give to farmers thinking about adding microgreens to their production plans?

Quality, consistency, and efficiency. Don't be afraid to charge a slightly lower price. Enabling your customers to feel empowered in their kitchen with elegant greens will translate to increased loyalty and trust.

What is next for Bear Creek microgreens?

We've started growing our greens a little larger and selling them as 'macrogreens.' We're showing people that they don't need to add micros to their salad, they *are* the salad!



Due to demand, Bear Creek Farm continues to expand their microgreen production every year.

Kale

Brassica spp.



The sales team with Darkibor F1 kale at Sandiwood Farm.

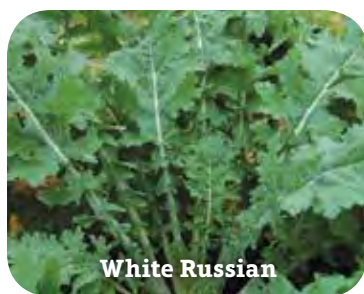
CULTURAL INFO: Days to maturity are from direct seeding. Kale is a hardy biennial that will overwinter in milder climates. Direct sow when daytime soil temps warm to 65-75°F or start 4-6 weeks before planting date. Optimal soil temperature for germination is 75°F. Seedlings can tolerate frost after they've hardened off. Mature plant leaves sweeten after light frosts. Prevent disease and recurrent pest pressure with crop rotation and cover cropping. Row covers are useful for preventing early season flea beetle damage.

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.

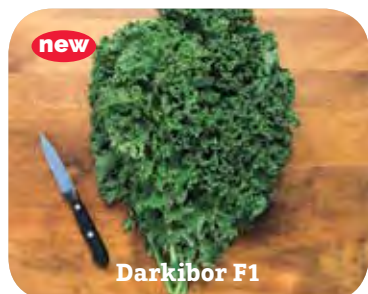
Please see **Planting Chart** on page 111 or go to highmowingseeds.com for more info.



Red Russian



White Russian



Darkibor F1



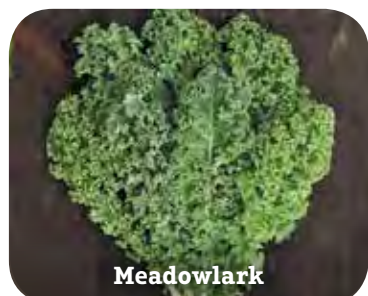
Dwarf Green Curled



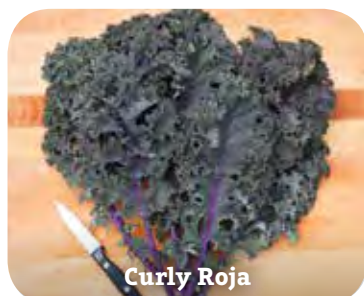
Scarlet



Westlander



Meadowlark



Curly Roja

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 • Open Source Seed • 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 blue green leaves and white ribs 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. *B. napus*

new 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 display high yields of densely curled greens. Vigorous plants hold well into cold weather and are suited to overwintering production in Southern climates. A rare hybrid kale variety 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. *B. oleracea*

new 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. *B. oleracea*

2542 Curly Roja 55 days

HEIRLOOM • Edible and ornamental • 16-18" plants

The first organically available curly red kale! Densely frilled leaf edges, stunning purple-sage color; deep purple stems and cold hardness 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*

2529 Nash's Green 55 days

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

Vigorous green curly type perfect for fall and winter. Stout, strong plants packed with high yields of curly leaves. Sweet and tender with some variability in height. Good resistance to powdery mildew in the damp winters of the Northwest. Bred by farmer-breeder Nash Huber of Nash's Organic Produce in Washington, with support from Organic Seed Alliance. *B. oleracea*

2525 Olympic Red 55 days

OP • Tall, open habit • Excellent for overwintering • 24-30" tall

Frosty blue-green leaves with contrasting magenta midribs. Not as frilly or dark in color as Redbor FI. Variable; up to 3.5% green off-types which can be removed at transplanting. Developed by Nash Huber of Nash's Organic Produce in Washington. *B. oleracea*

2521 Vates 30 days baby, 55 full size

OP • Excellent baby leaf variety • 24" tall

Dwarf curly kale with dark green leaves for baby leaf or compact full size plants. A favorite of Pete Johnson from Pete's Greens for late season salad mixes or overwintering. Good resistance to yellowing in cold and heat. Overall compact plants, but with some variability among full size plants. *B. oleracea*

new 2534 Dazzling Blue 60 days

OP • Open Source Seed • 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. Harvest as you would a rainbow chard for an attractive, varied bunch. Hardier than the traditional Lacinato. Ideal for raw kale salads. From the breeders at 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 with each frost. Also known as Dinosaur or Tuscan kale. Our strain is exceptionally large, vigorous and cold tolerant. *B. oleracea*

2524 Siber-Frill 60-70 days

OP • Open Source Seed • Specialty variety • Cold-hardy • 24" tall

Intensely cut and curled, lacy blue green leaves with tender texture. Stunning leaves are so frilly they barely require chopping. 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*

2535 Siberian 30 days baby, 60 full size

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

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

2527 Red Ursa 65 days

OP • Open Source Seed • Bolt resistant • 24-30" tall

Deeply lobed, frilly tender leaves with broad pink and purple midribs. A rainbow of showy frills and bright, contrasting stems. Colors intensify in cold weather and vary from emerald green with light pink midribs to dark blue-green leaves with magenta midribs. Tender texture and lobing similar to Red Russian. Similar cold hardiness to Siberian. From Frank Morton of Wild Garden Seeds and released under the Open Source Seed Initiative. *B. napus*



Nash's Green



Olympic Red



Vates



Dazzling Blue



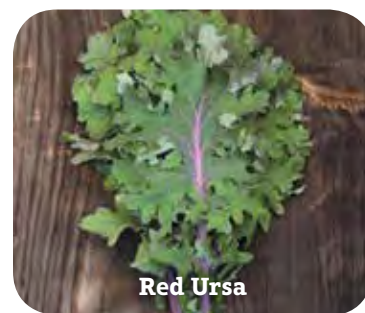
Lacinato



Siber-Frill



Siberian



Red Ursa

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	\$4.90	\$8.75	\$15.90	\$42.00	\$77.00	\$67.00/lb
2530 Red Russian	\$2.95	\$3.60	\$4.55	\$9.20	\$22.00	\$35.75	\$32.00/lb
2531 Scarlet	\$2.95	\$4.90	\$8.75	\$15.90	\$42.00	\$77.00	\$67.00/lb
2535 Siberian	\$2.95	\$4.50	\$9.00	\$17.00	\$32.00	\$49.00	\$39.00/lb
2521 Vates	\$2.95	\$3.60	\$4.55	\$9.20	\$22.00	\$33.75	\$32.00/lb
2528 White Russian	\$2.95	\$6.40	\$11.70	\$25.75	\$79.60	\$127.50	\$112.20/lb

KALE SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	50	250	1 M	5 M	25 M
2542 Curly Roja	\$2.95	\$3.25	\$6.50	\$3.40/M	\$2.72/M
2534 Dazzling Blue	\$2.95	\$3.25	\$6.50	\$3.40/M	\$2.72/M
2522 Dwarf Green Curled	\$2.95	\$9.50	\$11.75	\$7.35/M	\$5.68/M
2523 Meadowlark	\$2.95	\$9.50	\$11.75	\$7.35/M	\$5.68/M
2529 Nash's Green	\$2.95	\$4.00	\$8.00	\$6.00/M	\$3.88/M
2525 Olympic Red	\$2.95	\$3.25	\$4.00	\$2.40/M	\$2.08/M
2527 Red Ursa	\$2.95	\$3.25	\$6.50	\$3.40/M	\$2.72/M
2524 Siber-Frill	\$2.95	\$3.25	\$6.50	\$3.40/M	\$2.72/M
2526 Westlander	\$2.95	\$4.25	\$9.50	\$7.00/M	\$6.00/M

KALE SEED - HYBRID - SOLD BY SEED COUNT

	50	250	1 M	5 M	25 M
2533 Darkbor FI	\$4.50	\$10.75	\$24.00	\$19.60/M	\$18.00/M

Larger volumes available; please call for pricing.

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

Kohlrabi

Brassica oleracea
var. *gongylodes*

Kohlrabi growing in a High Mowing showcase field.

CULTURAL INFO: Days to maturity are from transplant; add 15-20 days if direct seeding. Kohlrabi is a delightful vegetable with mild flavor and the texture of a juicy radish. 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 *Plasmidiophora*. 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 are 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 covers in the early season. Control root maggots by applying beneficial nematodes or row cover.

RESISTANCE KEY: **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.



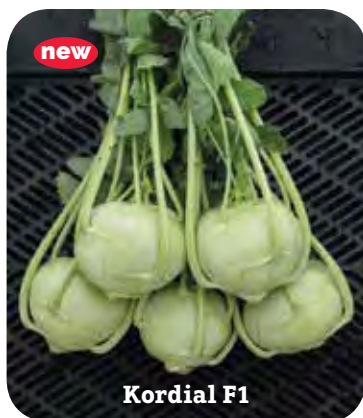
Azur Star



Kolibri F1



Lech F1



Kordial F1



Kossak F1

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 available through our farm and from our partners at Sativa Seeds, biodynamic breeders in Switzerland.

2307 **Kolibri F1** 50 days

HYBRID • 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 the violet skin. Intermediate resistance to black rot. From our friends at Bejo Seeds.

new 2538 **Kordial F1** 53 days

HYBRID • **FY** • 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. Intermediate resistance to black rot. From Bejo Seeds.

2541 **Lech F1** 60 days

HYBRID • Uniform size • Excellent commercial variety • 3-5" bulbs

Beautiful white kohlrabi with smooth skin, upright leaves and crunchy, juicy texture. Leaf attachment starts slightly higher up on the shoulder of the swollen stem, creating an overall cleaner appearance and allowing easier bunching without trimming. Named for the Danube tributary located in Austria and Germany.

2306 **Kossak F1** 80 days

HYBRID • Stores well • Huge 8-10" bulbs

White skinned with dense white flesh; big enough to feed an army! 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. Intermediate resistance to downy mildew.

KOHLRABI SEED - OPEN POLLINATED - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2304 Azur Star	\$2.95	\$11.85	\$19.00	\$18.20/M	\$16.00/M

KOHLRABI SEED - HYBRID - SOLD BY SEED COUNT

	25	500	1 M	5 M	25 M
2307 Kolibri F1	\$4.75	\$26.00	\$41.25	\$34.25/M	\$30.50/M
2538 Kordial F1	\$4.75	\$26.00	\$41.25	\$34.25/M	\$30.50/M
2306 Kossak F1	\$4.85	\$28.75	\$46.50	\$39.90/M	\$35.80/M
2541 Lech F1	\$2.95	\$16.00	\$29.00	\$26.00/M	\$21.60/M

Larger volumes available; please call for pricing.

Leeks

Allium porrum



Harvesting *Tadorna* leeks with the help of a bed lifter at Foote Brook Farm.

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 broadcast into flats. When seedlings reach 5", trim down to 1" above growing point 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 several months at just above 32°F with high humidity.

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.

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

Early summer leek with a long, white shaft. Improved for greater uniformity and height. Very versatile; harvest early for lithe bunching leeks. Not a winter hardy variety. Makes a delicious alternative to green onions either raw in salads or lightly cooked.

2701 **Chinook F1** 90-100 days

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

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

2693 **Striker F1** 95 days

HYBRID • Summer/fall crop • Uniform size

Get the look, color and girth of a winter leek without the wait! Large, uniform straight shaft with virtually no bulbing makes this variety easy to clean. Striker F1 will impress you with its early size and uprightness of its attractive blue-green leaves. A great variety from Bejo Seeds.

2697 **Bandit** 100 days

OP • Fall/winter crop • Upright habit

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

2695 **Takrima F1** 100 days

HYBRID • Fall crop • Tall and slim • No bulbing

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

2696 **Runner F1** 105 days

HYBRID • 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 resistance to leaf blights.



King Richard



Alto



Chinook F1



Striker F1



Bandit



Takrima F1



Runner F1



Tadorna

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	\$3.50	\$7.50	\$12.00	\$40.00	\$134.00	\$195.00
2699 King Richard	\$3.50	\$7.50	\$12.00	\$40.00	\$134.00	\$195.00
LEEK SEED - OPEN-POLLINATED - SOLD BY SEED COUNT						
	100	1 M	5 M	25 M	50 M	100 M
2697 Bandit	\$3.60	\$8.75	\$6.50/M	\$5.60/M	\$5.00/M	\$4.65/M
2694 Tadorna	\$2.95	\$7.00	\$5.80/M	\$5.20/M	\$4.80/M	\$4.45/M
LEEK SEED - HYBRID - SOLD BY SEED COUNT						
	100	1 M	5 M	25 M	50 M	100 M
2701 Chinook FI	\$5.75	\$40.00	\$29.00/M	\$24.80/M	\$22.00/M	\$20.40/M
2696 Runner FI	\$8.80	\$54.00	\$43.50/M	\$38.00/M	\$35.00/M	\$32.25/M
2693 Striker FI	\$8.80	\$54.00	\$43.50/M	\$38.00/M	\$35.00/M	\$32.25/M
2695 Takrima FI	\$5.75	\$40.00	\$29.00/M	\$24.80/M	\$22.00/M	\$20.40/M

Larger volumes available; please call for pricing.

Lettuce Innovation Starts Here

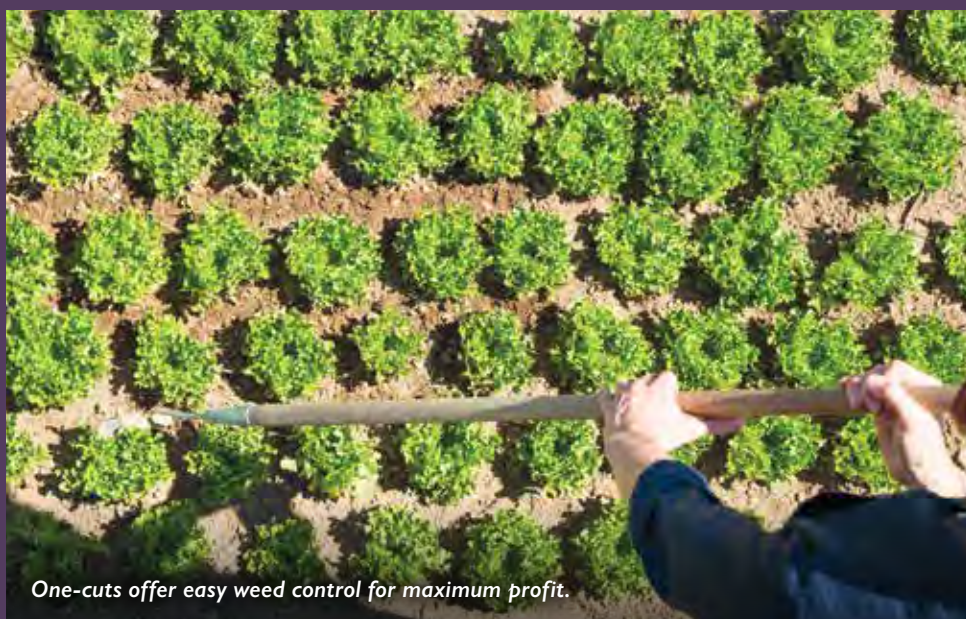
A staple crop for many commercial organic growers, lettuce mixes demand a worthy price in both retail and wholesale markets—but they also come with no shortage of production challenges. High Mowing now offers a competitive advantage in lettuce mix production for commercial growers, thanks to the Eazyleaf assortment of one-cut lettuces from our partners at Vitalis Organic Seeds.

Not Your Average Head Lettuce

One-cut lettuce varieties are grown as head lettuces but sold as loose mixes. Transplanting these unique cultivars into a weed-free space offers the heads a maturity advantage over weeds, unlike direct-seeded lettuce mixes. Their compact size allows them to grow at a tight 6" spacing, fully utilizing valuable real estate and effectively shading out weeds as they reach maturity ahead of germinating weed seed. With less cultivation and labor required overall, one-cuts offer a realistic, profitable lettuce mix option for farms with significant weed pressure or limited labor resources.

A Choice of Harvests

Heads reach full maturity after just 50-60 days, with impressive texture and loft. Simply harvest the entire plant with a single cut at the base and the result is a handful of perfectly sized, uniform leaves. Loose leaves can be mixed for a custom blend and processed as a lettuce mix. Empty beds can be easily flipped for succession plantings. Depending on production method, heads can



One-cuts offer easy weed control for maximum profit.

also be utilized as a cut-and-come again crop, or left as full heads and marketed for easy one-cut kitchen preparation.

Same Bed Space, Better Yields

Unlike baby lettuce leaves which are immature at harvest, one-cut types have been developed to reach full maturity when their leaves are salad-sized, offering higher nutrient-density, greater tolerance of handling, longer shelf life and additional weight in mixes – all characteristics that benefit a farm business's bottom line and customers' satisfaction. Yield comparisons show a greater return on investment for one-cut varieties than the traditional baby lettuce leaf harvests. High

Mowing's one-cut varieties have the added advantage of a full line of disease resistances, making them adaptable to various seasonal slots and regional climates. Try our expanded selection of one-cut lettuces this season!



A single cut yields plenty of uniformly sized leaves.



Lettuce

Lactuca sativa

Maggie harvesting one-cuts in a High Mowing showcase field.

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: 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**, **LNSV-Lettuce Necrotic Stunt Virus**, **LRA-Lettuce Root Aphid**, **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 III or go to highmowingseeds.com for more info.

ONE-CUT

2613P **Ezrilla** 52 days

OP • APH, DM (16-32), TB, TBSV, MTO-30

Unique one-cut green tango type. Outer leaves are dark green and highly incised, while inner leaves are sweet and slightly blanched. Adds excellent texture, loft and crunch to any mix. Has a strong disease package plus intermediate resistance to lettuce mosaic virus and is very slow to bolt. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.

2612P **Hampton** 55 days

OP • APH, DM (16-32), TB, TBSV, MTO-30

A voluminous, high leaf count one-cut oak leaf. Dark green shiny leaves with narrow attachment points. Has a strong disease package plus intermediate resistance to lettuce mosaic virus and is very slow to bolt. Cut and mix with other one-cuts for an attractive, hefty salad mix, or offer as full heads on its own. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.

new 2614P **Brentwood** 57 days

OP • APH, DM (16-32), FW

The glossy, lobed leaves on this one-cut red tango type offer plenty of loft. Attractive color contrast within leaves, with dark red upper foliage and a light green closer to the center. Cut and mix with other one-cuts for an attractive, hefty salad mix, or offer as full heads on its own. Good bolt tolerance. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.

2611P **Buckley** 57 days

OP • 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. Can be cut and mixed for baby leaf or sold as whole heads for easy-to-prepare salads. Cut and mix with other one-cuts for an attractive, hefty salad mix, or offer as full heads on its own. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.

new 2617P **Ezbruke** 57 days

OP • APH, DM (16-32), TBSV

A stunning mini romaine type with deep red outer leaves and bright green inner leaves. Ezbruke is an exciting addition to the Eazyleaf collection, offering lots of 7" leaves with a true romaine shape. Space at a tight 4" for a one-cut mix, or at 6" for marketing as mini romaine heads. The dual color of the leaves presents a unique contrast at market and on the plate! Performs well year-round. From the Eazyleaf collection developed by Vitalis Organic Seeds. Pelleted seed only.



Ezrilla



Hampton



Brentwood



Buckley



Ezbruke



Red Tide



Vulcan



Dark Lollo Rossa



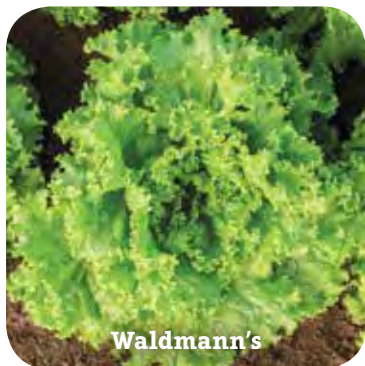
Red Sails



New Red Fire



Black Seeded Simpson



Waldmann's



Two Star



Green Star

RED LEAF

2593 **Galactic** 30 days babyOP • **DM (1-6), LD, MTO-10** • Baby leaf for salad mix • Uniform color

Glossy leaves with intense, uniform burgundy color and a bit of light green at the base. The ultimate leaf for salad mixes; adds gorgeous contrast and good loft with its heavily savoyed texture. Not commonly grown for full size heads due to its compact size. See baby leaf photo on page 53.

2604 **Red Tide** 28 days baby, 48 full sizeOP • **BR, TB, MTO-10** • Full size • 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 sizeOP • **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 sizeOP • **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.

2601 **Red Sails** 29 days baby, 55 full sizeOP • **MTO-10** • Versatile • Bolt resistant

A versatile, fast-growing red leaf for full size, teenage heads or baby leaf.

Bronze-tinged leaves have burgundy edges and bright green centers. An All-American Selection winner due to its fine texture and sweet flavor that doesn't become bitter in summer heat. Brittle stems need to be handled gently. See baby leaf photo on page 53.

GREEN LEAF

new 2547 **Celinet** 28 days babyOP • **APH, DM (16-32), TBSV, LMV** • Slow growing • Good for baby leaf

Slow growing variety offers a long harvest window and attractive leaves.

Celinet's beautiful dark green leaves are uniquely frilled and have a nice, crisp texture. Leaves are flexible for easy harvest as a baby leaf or at full size. A replacement for Lettoney. From Vitalis Organic Seeds. See baby leaf photo on page 53.

2550 **Black Seeded Simpson** 28 days baby, 45 full sizeOP • **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 sizeOP • **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. Available as raw or pelleted seed.

2567 **Two Star** 50 days full sizeOP • **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 sizeOP • **DM (1-18), 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 stand out in our green leaf trials! Available as raw and pelleted seed.

2568P Bergam's Green 55 days full size

OP • **CR, TBSV, MTO-10** • Heat tolerant • Pelleted seed only

Glossy, high quality green leaves with outstanding performance all season long.

Vibrant green color and some Batavian characteristics; slow to bolt and retains crispness and flavor throughout the season. A standout in our trials for its appearance and flavor. From Vitalis Organic Seeds. Available as pelleted seed only.

RED OAK LEAF

2603 Blade 30 days baby

OP • **APH, DM (16-32), TBSV, MTO-30** • Excellent fall crop • Upright habit

Beautiful deep-red oak leaf with a thin blade-like leaf shape for baby leaf production.

Works well all season long, with especially good performance in fall and winter thanks to strong downy mildew resistance and deep red color that holds well in low light conditions. Upright habit for easy harvest. From our partners at Vitalis Organic Seeds. See baby leaf photo on page 53.

2599 Red Salad Bowl 28 days baby, 55 full size

OP • **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.

2591 Oscarde 29 days baby, 55 full size

OP • **DM (1-16, 19, 21)** • Spring/fall crop • Compact

Luminous rose-gold oak leaf for salad mix or full size heads. Open heads are compact and filled with soft, rosy leaves. Better disease resistance than Red Salad Bowl and Red Oak Leaf with rounder leaf shape, softer lobes and speckled leaf centers.

Prefers cooler weather. See baby leaf photo on page 53.

new 2548 Cantarix 55 full size

OP • **APH, DM (16-26, 28, 32) TBSV** • 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 • **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

2572 Bolsachica 28 days baby

OP • **APH, DM (16-26, 28, 32), TBSV, MTO-30** • Baby leaf variety • Upright habit

Hefty dark green oak leaf with strong downy mildew resistance. Nicely serrated green leaves are unusually thick and hefty, with an upright habit and very small leaf attachment. Part of our DMR Mix, adding more texture to the blend and contributing deep green color. Intermediate resistance to lettuce mosaic virus. See baby leaf photo on page 53.

2549 Gaviota 28 days baby

OP • **DM (1-27), MTO-30** • Tango-type • Baby leaf variety

Improved, fast-growing variety with excellent uniformity and downy mildew resistance.

Finely serrated leaves are deeply lobed and ruffled, adding loft and contrast to mixes. Semi-erect growth habit makes harvest easy. Not recommended for full size production. See baby leaf photo on page 53.

2573 Sulu 29 days baby

OP • **DM (1-11, 13, 15, 17), MTO-30** • Versatile • Good fall crop • Baby leaf variety

Lime green leaves add great contrast to mixes all season long. Upright habit and downy mildew resistance for good fall performance; suitable for indoor or outdoor production. Larger lobes and brighter green color than Tango. Bred by the team at Tozer Seeds in the United Kingdom. See baby leaf photo on page 53.

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 • **TB** • Versatile • Bolt resistant • Formerly called Regal Oak

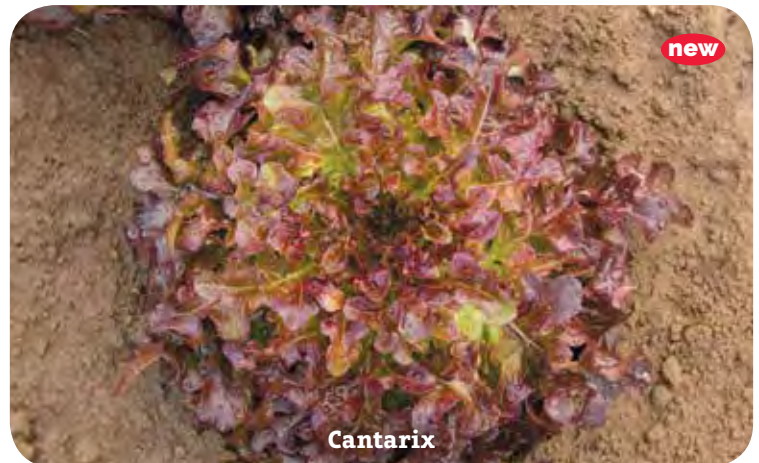
A gorgeous, versatile all-season variety with distinctive leaf shape. Bright green leaves are deeply lobed with pointed tips; produces striking full sized heads but also good for baby leaf or teenage heads. One of our California growers praises this variety for good resistance to tip burn, powdery mildew and bacterial leaf spot. The winner of an All-America Selections (AAS) vegetable award. See baby leaf photo on page 53.



Bergam's Green



Red Salad Bowl



Cantarix



Oscarde



Red Oak Leaf



Tango



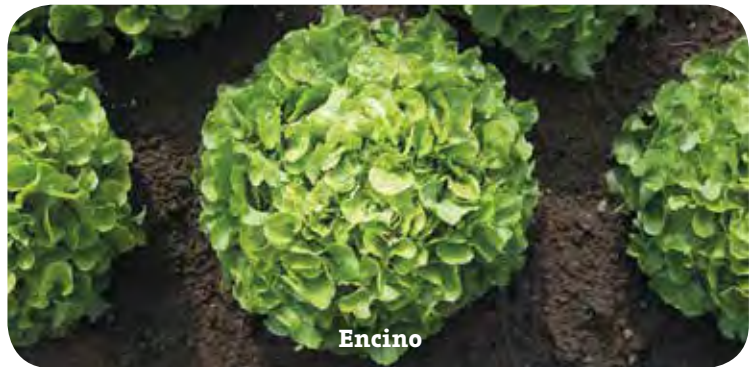
Sandy



Salad Bowl



Emerald Oak



Encino



Rhazes



Breen



Pomegranate Crunch



Outredgeous



Rouge d'Hiver

2605 Salad Bowl 28 days baby, 50 full size

OP • **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 for many years. Heat tolerant and bolt resistant.

2627 Encino 50 days full size

OP • **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 slightly less lobing than Ocate, which it replaces. 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.

2565 Emerald Oak 60 days full size

OP • **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!

RED ROMAINE

2571 Spock 28 days baby

OP • **DM (1-16, 19, 21, 23)** • For baby leaf

Disease resistant red romaine ideal for indoor or outdoor production of salad mix. Dark red leaves have a narrow leaf attachment and are bright green in the centers. Brighter red than Rouge d'Hiver and similar to Galactic with a narrow leaf. Not recommended for full size heads. Bred by Tozer Seeds in the United Kingdom. See baby leaf photo on page 53.

2623 Rhazes 42 days full size

OP • **DM (17)** • Little Gem-type • Spring/fall crops

Eye-catching garnet mini-lettuce forming dense, compact heads with lime green hearts. Inner color is a stunning contrast with glossy, nearly black outer leaves. Performed well in our winter high tunnel for early spring harvest of heart-winning heads. Pair with Spretnak or Newham for an eye-catching combination! From Vitalis Organic Seeds. Available as raw and pelleted seed. *Limited availability for pelleted seed.*

2570 Breen 21 days baby, 50 full size

OP • **DM (16-21, 23-26, 28-32), MTO-30** • Compact 8" heads

Mini red romaine with unique coloring and a great disease package suitable for all seasons. A stand out on all accounts! Beautiful contrasting red-bronze leaves with pronounced pale green mid ribs and veining. Produces very small, personal-sized heads excellent for CSA boxes. See baby leaf photo on page 53. Available as raw and pelleted seed.

2569 Pomegranate Crunch 50 days full size

OP • **DM (16-27, 29, 32), TBSV** • 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 raw or pelleted seed.

2592 Outredgeous 30 days baby, 55 full size

OP • **MTO-10** • Open Source Seed • Great baby leaf variety • Upright habit

Out-reds 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! See baby leaf photo on page 53.

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

HEIRLOOM • **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.

Why We
GROW

“It's exciting, educational and rewarding to grow a plant from seed. Seeds encourage people to interact directly with the natural world around them, and to learn where their food comes from. I learn something new and feel excited each time I plant a seed! More on p. 56.”
-Taylor, Variety Trials

2574 Defender 28 days baby

OP • **DM (1-16,19, 21, 23)** • For baby leaf

Upright, vigorous variety excellent for greenhouse or high tunnel production. Attractive green leaf with similar growth rate to Parris Island Cos, but darker in color and more rounded in leaf shape; lighter than Aerostar with a wider leaf. Not recommended for full size heads. Bred by the team at Tozer Seeds in the United Kingdom. See baby leaf photo on page 53.

2576 Newham 45 days full size

OP • **APH, DM (16-21, 23-26, 28-32), LRA, MTO-30** • Spretnak class

This one has it all—gorgeous color, numerous 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. Also has intermediate resistance to lettuce mosaic virus and corky root. From our partners at Vitalis Organic Seeds.

2581 Spretnak 45 days full size

OP • **DM (16-21, 23-26, 28-32), LRA, 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. Intermediate resistance to fusarium wilt. From our partners at Vitalis Organic Seeds. Available as raw and pelleted seed.

2606 Aerostar 21 days baby, 55 full size

OP • **DM (16-27, 29, 32), LMV, MTO-30** • Baby leaf or full size • Reliable

Mid sized 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.

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.

2596 Parris Island Cos 28 days baby, 55 full size

OP • **LMV** • 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, resists tip burn. See baby leaf photo on page 53.

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.

2580 Coastal Star 57 days full size

OP • **CR, MTO-30** • Ideal for hearts • 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 hearts or for packing in boxes. From our partners at Vitalis Organic Seeds. Available as raw and pelleted seed.

2587 Jericho 28 days baby, 57 full size

OP • **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.

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 • **DM (16-27, 29, 32), TBSV** • 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. Intermediate resistance to corky root. Bred by Vitalis Organic Seeds. Available as raw and pelleted seed.



Newham



Spretnak



Aerostar



Freckles



Parris Island Cos



Winter Density



Coastal Star



Jericho



Green Towers



Arroyo



Concept



Magenta



Lovelock



Nevada



Australe



Kweik



Mirlo



Optima



Pirat



Roxy



Crispino

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 2016 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 • **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.

2564 **Magenta** 48 days full size

OP • **DM (1-16, 19, 21), 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 • **DM, LMV, TB, 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 resistance while maintaining good texture and flavor in summer heat. Available as raw and pelleted seed.

BUTTERHEAD/BIBB

2554 **Australe** 50 days full size

OP • **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. Had excellent performance in our fall lettuce trials, but produces the nicest heads in spring.

2555 **Kweik** 50 days full size

OP • **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 • **APH, DM (16-28, 30-32), LMV, TBSV** • Spring/summer • Internal tip burn resistance

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.

2562 **Optima** 52 days full size

OP • **BR, 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. Available as raw and pelleted seed.

2597 **Pirat** 55 days full size

HEIRLOOM • **BR, DM, LD, TB** • 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 resistance to downy mildew, white mold, tip burn and bacterial head rot.

2566 **Roxy** 60 days full size

OP • **DM (16, 21, 23, 32), TBSV, 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. Another great variety from our partners at Vitalis Organic Seeds. Available as raw and pelleted seed.

ICEBERG

2545 **Crispino** 57 days full size

OP • Classic iceberg • Widely adaptable

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

Baby Leaf Lettuce



Jericho



Winter Density



Black Seeded Simpson



Aerostar



Defender



Parris Island Cos



Bolsachica



Sulu



Tango



Sandy



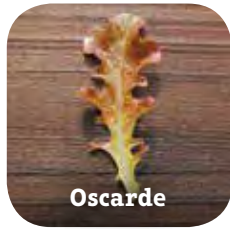
Freckles



Red Tide



Red Sails



Oscarde



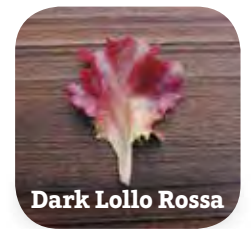
Red Oak Leaf



Red Salad Bowl



Blade



Dark Lollo Rossa



Galactic



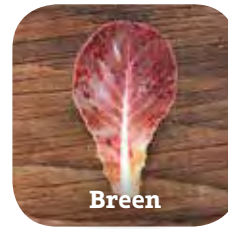
Spock



Outredgeous



Rouge d'Hiver



Breen

LETTUCE

PELLETED LETTUCE SEED - SOLD BY SEED COUNT

	100	1 M	5 M	25 M	50 M	100 M	500 M
2625P Arroyo Pelleted	\$2.95	\$6.95	\$5.52/M	\$4.05/M	\$3.60/M	\$3.20/M	\$3.06/M
2568P Bergam's Green Pelleted	\$2.95	\$6.95	\$5.25/M	\$4.05/M	\$3.60/M	\$3.20/M	\$3.06/M
2570P Breen Pelleted	\$4.75	\$13.00	\$10.60/M	\$9.60/M	\$8.50/M	\$7.50/M	\$6.90/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
2580P Coastal Star Pelleted	\$2.95	\$7.00	\$5.00/M	\$3.86/M	\$3.70/M	\$3.25/M	\$3.10/M
2627P Encino Pelleted	\$5.75	\$14.00	\$11.00/M	\$9.80/M	\$8.24/M	\$7.00/M	\$6.01/M
2617P Ezbruke Pelleted	\$3.95	\$10.25	\$8.20/M	\$7.40/M	\$6.50/M	\$5.95/M	\$5.80/M
2613P Ezrilla Pelleted	\$3.95	\$10.25	\$8.20/M	\$7.40/M	\$6.50/M	\$5.95/M	\$5.80/M
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	\$3.45	\$2.40/M	\$1.92/M	\$1.76/M	\$1.58/M	\$1.39/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	\$6.25	\$14.00	\$11.00/M	\$8.80/M	\$8.25/M	\$7.50/M	\$6.45/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	\$4.50	\$3.05/M	\$2.20/M	\$1.74/M	\$1.50/M	\$1.39/M
2562P Optima Pelleted	\$2.95	\$4.20	\$2.85/M	\$2.05/M	\$1.80/M	\$1.55/M	\$1.30/M
2569P Pomegranate Crunch Pelleted	\$5.75	\$10.25	\$8.20/M	\$7.40/M	\$6.50/M	\$5.95/M	\$5.80/M
2623P Rhazes Pelleted	\$6.20	\$13.00	\$10.40/M	\$9.75/M	\$8.20/M	\$7.85/M	\$7.50/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	\$13.00	\$10.40/M	\$9.75/M	\$8.20/M	\$7.85/M	\$7.50/M
2563P Waldmann's Pelleted	\$2.95	\$5.50	\$3.20/M	\$2.24/M	\$2.05/M	\$1.95/M	\$1.85/M

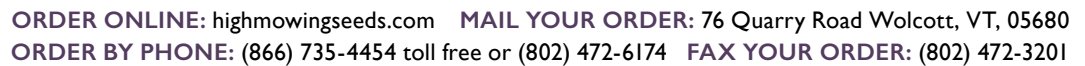
Larger volumes available; please call for pricing.

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	\$4.60	\$6.70	\$13.95	\$33.60	\$57.75	\$54.60/LB
2544 Concept	FULL	\$2.95	\$9.85	\$26.50	\$61.00	\$205.00	\$360.00	\$304.00/LB
2545 Crispino	FULL	\$2.95	\$9.85	\$26.50	\$61.00	\$205.00	\$360.00	\$304.00/LB
2590 Dark Lollo Rossa	BABY	\$2.95	\$5.00	\$8.50	\$26.00	\$72.00	\$135.00	\$128.00/LB
2574 Defender	BABY	\$2.95	\$6.95	\$10.15	\$32.00	\$88.00	\$165.00	\$150.00/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	\$90.00/LB
2587 Jericho	BOTH	\$2.95	\$4.70	\$10.20	\$25.80	\$73.50	\$133.00	\$126.00/LB
2555 Kweik	FULL	\$2.95	\$9.00	\$24.75	\$51.95	\$162.10		
2592 Outredgeous	BOTH	\$2.95	\$5.10	\$9.00	\$34.00	\$91.00	\$169.00	\$162.50/LB
2596 Parris Island Cos	BOTH	\$2.95	\$4.50	\$6.40	\$16.00	\$26.00	\$42.00	\$38.00/LB
2597 Pirat	FULL	\$2.95	\$8.50	\$12.50	\$39.45	\$140.85	\$255.60	
2598 Red Oak Leaf	BOTH	\$2.95	\$4.45	\$6.00	\$13.20	\$32.00	\$46.30	\$42.00/LB
2601 Red Sails	BOTH	\$2.95	\$7.00	\$9.00	\$23.25	\$59.75	\$100.00	\$97.50/LB
2599 Red Salad Bowl	BOTH	\$2.95	\$6.15	\$8.85	\$12.60	\$30.00	\$49.35	\$41.30/LB
2600 Rouge D'Hiver	BOTH	\$2.95	\$7.55	\$9.45	\$16.85	\$38.30	\$67.40	\$60.65/LB
2605 Salad Bowl	BOTH	\$2.95	\$6.15	\$8.85	\$12.60	\$40.00	\$68.00	\$58.00/LB
2540 Sandy	BOTH	\$2.95	\$6.15	\$8.85	\$12.60	\$40.00	\$68.00	\$58.00/LB
2571 Spock	BABY	\$2.95	\$6.95	\$10.15	\$32.00	\$88.00	\$165.00	\$150.00/LB
2573 Sulu	BABY	\$2.95	\$7.75	\$11.25	\$18.90	\$58.00	\$105.00	\$90.00/LB
2558 Tango	BABY	\$2.95	\$4.60	\$6.50	\$19.00	\$52.00	\$92.00	\$76.00/LB
2608 Vulcan	FULL	\$2.95	\$5.45	\$11.75	\$29.35	\$82.50	\$143.30	\$120.37/LB
2563 Waldmann's	BOTH	\$2.95	\$5.00	\$10.00	\$25.00	\$67.20	\$115.00	\$100.00/LB
2559 Winter Density	BOTH	\$2.95	\$7.90	\$12.25	\$26.40	\$62.40	\$102.00	\$88.80/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	\$1.69/M	\$1.32/M	\$1.07/M	\$0.99/M	\$0.89/M	
2625 Arroyo	FULL	\$2.95	\$5.80/M	\$5.13/M	\$4.75/M	\$4.58/M	\$4.32/M	
2603 Blade	BABY	\$2.95	\$1.75/M	\$1.35/M	\$1.07/M	\$0.99/M	\$0.89/M	
2572 Bolsachica	BABY	\$2.95	\$3.00/M	\$1.00/M	\$0.72/M	\$0.68/M	\$0.60/M	
2570 Breen	BOTH	\$6.00	\$9.00/M	\$7.80/M	\$7.18/M	\$6.80/M	\$6.50/M	
2548 Cantarix	BABY	\$8.00	\$10.50/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	\$3.52/M	\$3.20/M	\$3.00/M	\$2.77/M	
2627 Encino	FULL	\$7.00	\$10.25/M	\$8.60/M	\$7.00/M	\$6.00/M	\$5.00/M	
2593 Galactic	BABY	\$2.95	\$1.36/M	\$0.92/M	\$0.70/M	\$0.58/M	\$0.50/M	
2549 Gaviota	BABY	\$2.95	\$1.65/M	\$1.30/M	\$0.99/M	\$0.90/M	\$0.82/M	
2586 Green Towers	FULL	\$2.95	\$0.88/M	\$0.64/M	\$0.56/M	\$0.48/M	\$0.40/M	
2575 Lovelock	FULL	\$6.00	\$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	\$7.40/M	\$6.60/M	\$5.90/M	\$5.60/M	\$5.10/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	\$1.10/M	\$0.80/M	\$0.70/M	\$0.50/M	\$0.45/M	
2576 Newham	FULL	\$6.45	\$8.60/M	\$7.40/M	\$6.50/M	\$6.10/M	\$5.80/M	
2562 Optima	FULL	\$2.95	\$1.20/M	\$0.90/M	\$0.80/M	\$0.60/M	\$0.50/M	
2591 Oscarde	BOTH	\$4.95	\$4.00/M	\$3.88/M	\$3.70/M	\$3.40/M	\$3.10/M	
2569 Pomegranate Crunch	FULL	\$5.00	\$7.60/M	\$7.00/M	\$6.00/M	\$5.60/M	\$5.00/M	
2604 Red Tide	BOTH	\$2.95	\$1.40/M	\$1.15/M	\$1.10/M	\$1.05/M	\$0.85/M	
2623 Rhazes	FULL	\$5.95	\$9.40/M	\$8.00/M	\$7.50/M	\$7.00/M	\$6.75/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	\$9.60/M	\$8.40/M	\$7.80/M	\$7.50/M	\$7.25/M	
2567 Two Star	FULL	\$2.95	\$1.80/M	\$1.50/M	\$1.30/M	\$1.10/M	\$0.95/M	

Larger volumes available; please call for pricing.





Name _____

Farm/Company _____

Street _____

City _____ State _____ Zip _____

Phone _____

Email _____

Fax _____

If you are placing your first order with High Mowing Organic Seeds, please tell us how you found out about us _____

☐ <5 ac. ☐ 5-9 ac. ☐ 10-19 ac. ☐ 20-49 ac. ☐ 50-99 ac. ☐ 100+ac.

☐ Check here if you would like us to hold your order for pick up at our warehouse in Wolcott, VT.

☐ Check ☐ Money order

If you are ordering more than 1/4 oz of watermelon seed, sign and date here to acknowledge that you have read and agree to the watermelon waiver on our website: highmowingseeds.com/pdfs/watermelon_waiver.pdf. Signature _____ Date _____

ORDER TOTAL

We Believe in the Power of Seed.

“When people plant our seeds, I want them to feel like it is taking a step towards a healthier world. —Christy, Sales and Customer Service”

“Seeds are potential life; they make us both humble and powerful. Our impact goes beyond just growing organic seeds. We are modeling a new way to grow seeds that fits with our values in a changing world. —Molly, Seed Production”

“Seeds are the start of life; without them, we have no food. I believe it is important to keep healthy seeds available to all. At High Mowing, we work for the greater good of people and the planet. —Jamie, Quality Control”

“Working with organic seeds isn't just a job, it's a lifestyle. Passion and commitment are at the heart of what we do. We strive to give the best of ourselves to this mission, just as a seed gives the best of itself to the farmer. —Kristen, Commercial Grower Sales”

“Our values—for building healthy economies, communities and agricultural systems—are manifested in our seeds. —Patrick, Operations and Quality Control”

“I see seeds as a metaphor for my life. They are at the core of each beginning. If I want to see change in my world, it's up to me to 'be the seed' and initiate that change. —Monique, Variety Trials”



At High Mowing Organic Seeds, we have a vision: **It is our goal to leverage the power of seed to transform our world.** To participate in and interact with the natural world in ways which simultaneously sustain us and enrich us. By starting with the seed, the very foundation of our food system and our natural communities, we hope to inspire a fresh conversation, and we want to invite everyone to the table – starting with you.

This is why we grow.

“ At High Mowing, we get to participate positively in the evolution of organic food systems by addressing a part that is essential and universal: the seed. **–Jacob, Contract Seed Production and Product Development** ”

“ Seed is the basis of biodiversity and critical to the existence and perseverance of both wild ecosystems and human beings.” **–Maggie, Marketing** ”

“ The belief that we can change the world one seed at a time is very alive and in practice here at High Mowing. **–Susanne, Human Resources and Accounting** ”

“ Through our seeds, High Mowing is helping the growth of organic farming and promoting healthy food. **–Lee, Fulfillment** ”

“ I believe in High Mowing's philosophy that healthy environments, healthy economies, healthy communities and healthy bodies all start with the seed. **–Julie, Sales and Customer Service** ”

WE WANT TO KNOW **Why do you grow?**

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

Participants will have the chance to be featured on the High Mowing Organic Seeds Instagram feed and all compositions will be considered for inclusion in next year's seed catalog. Join the conversation today!

Don't forget to tag @highmowingorganicseeds
Facebook • Instagram • Twitter

Melons

Cucumis melo

Monique and Taylor tasting Divergent F1 melons in the trials field.

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: Melons are particularly susceptible to leaf blights that can be controlled by using disease-free seed, fungicidal sprays and crop rotations. Fruit rot is common under wet conditions and can be checked by organic fungicidal sprays. Striped cucumber beetles

cause feeding damage to the leaves and larvae feed on roots. They often transmit bacterial wilt season to season. Row covers can provide protection, but must be removed during flowering to allow pollination.

RESISTANCE KEY: **CA**-Cotton Aphid, **FW**-Fusarium Wilt (races indicated if known), **PM**-Powdery Mildew (races indicated if known), **R**-Rust, **WMV**-Watermelon Mosaic Virus

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.

CANTALOUPE / MUSKMELON

2633 First Kiss F1 71 days

HYBRID • HMOS EXCLUSIVE • **FW (2), PM (1&2)** • Cantaloupe • 1-2 lb
Exceptionally early melon with consistently high quality fruit. We were instantly lovestruck with this small, early cantaloupe! Every melon was filled with firm, wonderfully sweet flesh—unusual in such an early melon. A standout in our taste tests two years in a row, with strong disease resistance and an attractive, lightly netted rind. Bred by Dr. Brent Loy at the University of New Hampshire.

2647 Divergent F1 74 days

HYBRID • **FW (0,1,2)** • Widely adaptable and very sweet • 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° in most plantings. 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. Intermediate resistance to cotton aphid and powdery mildew. From Vitalis Seeds.



First Kiss F1



Divergent F1

A Class All Its Own: **DIVERGENT F1!**

This unique hybrid melon—part cantaloupe, part galia—exemplifies the pinnacle of our product standards at High Mowing: a top performer in organic production and—above all—flavor, flavor, flavor. Divergent F1 is among the first melons to ripen, and its juicy, sweet slices perfectly fulfill the expectations of the summer season. We are proud to offer this singular variety from our partners at Vitalis Organic Seeds.

- One of our **earliest maturing** varieties with uniform ripening
- Ideal for fresh market sales, with **Brix ratings averaging 15-18°**
- **A full line of disease resistances** for improved plant vigor
- **Strong, healthy vines and leaves** that protect fruit from scalding



2630 **PMR Delicious 51** 75 days

OP • **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.

2632 **Magnificenza F1** 78 days

HYBRID • **CA, FW (0, 1, 2), PM** • Italian netted-type • 3-4 lbs

Delicious bright orange flesh with juicy texture and incredible sweetness. Slightly oval, attractive fruit has green ribbing that turns bright yellow along its edge to indicate ripeness. A must-grow melon! Consistently high Brix ratings of 13 to 15°.

2634 **Orange Sherbet F1** 80 days

HYBRID • **FW (1&2), PM (2), WMV** • Eastern-type • 7-8 lbs

Extremely disease resistant melon with superb eating quality. Generally agreed to be one of the best hybrid cantaloupes available, and the hands-down winner in our 2014 taste tests! Well netted round to oval Tuscan melons slip easily from the vine. Consistently delicious aromatic flesh with high Brix is firm and ships well. Our first melon with watermelon mosaic virus resistance! Bred by our friends at Colorado Seeds.

2665 **Rocky Ford** 85 days

HEIRLOOM • **R** • Green fleshed muskmelon • 1-2 lbs

Prolific yields of sweet, petite melons for home or market. Looks like a cantaloupe with heavily netted, ribbed skin but reveals juicy green flesh inside that is sugary, very melony and complex with a hint of spice. For best quality, harvest at full slip. Firm flesh stores well. Also known as Eden's Gem. Highly rust resistant; dark green skin turns yellow-bronze when ripe.

2638 **Hale's Best** 86 days

HEIRLOOM • Eastern-type • 4-5 lbs

Heavy producer of oval-shaped fruits with old fashioned juicy flavor. Heavily netted and slightly ribbed with juicy salmon flesh. This great variety has stood the test of time and is still loved by many for its classic muskmelon flavor. Thin rinds do not hold up well to shipping. Selected for appearance and flavor by a Japanese market farmer in California and adopted for wide distribution by I.D. Hale in the 1920s.

SPECIALTY

2648 **Arava F1** 77 days

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

Green fleshed tropical melon with deliriously 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.'

2641 **Rona F1** 82 days

HYBRID • **FW (1&2), PM** • Galia-type • 3.5-5.5 lbs

Vigorous round, netted melon with sweet, aromatic green flesh. Larger fruit than Arava F1 with similar flavor and soft, juicy texture. Uniformly shaped melons have small seed cavities and good shelf life. Great for beginners with a built-in ripeness indicator: skin behind netting turns from green to yellow when ripe.

2655 **Sivan F1** 82 days

HYBRID • **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.

2653 **Haogen** 85 days

OP • Galia-type • 2-3 lbs

Unique green fleshed melon with refreshing, honeyed flavor. Flesh is smooth and juicy with a relatively thin, smooth rind. According to Dru at Full Belly Farm in Guinda, CA, Haogen is "one of the best melons we grow, with soft sweet flesh, dripping with sugar. The smaller size makes it perfect for market and retail stores, and the coloring is spectacular." Harvest promptly when skin turns yellow with green ribs.



PMR Delicious 51



Magnificenza F1



Orange Sherbet F1



Rocky Ford



Hale's Best



Arava F1



Emerald Gem



Rona F1



Sivan F1



Haogen

Why We
GROW

“ I love working with the team here at High Mowing to move towards a sustainable future built on organic seeds. —Tom F,
General Manager More on p. 56.”

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
2638 Hale's Best	\$2.95	\$7.40	\$13.70	\$28.40	\$93.50	\$78.00/lb
2653 Haogen	\$2.95	\$8.05	\$15.00	\$43.00	\$109.00	\$85.40/lb
2630 PMR Delicious 51	\$2.95	\$6.50	\$12.00	\$34.50	\$87.00	\$68.00/lb
2665 Rocky Ford	\$2.95	\$3.95	\$7.50	\$19.00	\$55.00	\$39.00/lb
MELON SEED - HYBRID - SOLD BY SEED COUNT	10	50	250	1 M	5 M	25 M
2648 Arava F1	\$2.95	\$7.00	\$15.00	\$55.00	\$35.00/M	\$30.00/M
2647 Divergent F1	\$9.40	\$20.00	\$60.90	\$195.00	\$158.00/M	\$133.88/M
2633 First Kiss F1	\$5.50	\$12.75	\$41.65	\$118.15	\$90.61/M	\$72.93/M
2632 Magnificenza F1	\$9.40	\$19.00	\$57.00	\$190.00	\$155.00/M	\$130.00/M
2634 Orange Sherbet F1	\$4.46	\$10.75	\$35.00	\$108.00	\$82.00/M	\$66.60/M
2641 Rona F1	\$2.95	\$8.40	\$19.10	\$56.70	\$52.50/M	
2655 Sivan F1	\$2.95	\$7.60	\$17.85	\$43.00	\$34.65/M	\$27.56/M

Larger volumes available; please call for pricing.



Okra *Abelmoschus esculentus*

Clemson Spineless 80 okra from Pitchfork Farm.

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

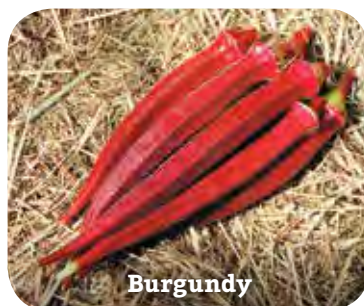
wilt (*Verticillium albo-atrum*) are the most common diseases that affect okra. Powdery mildew, *Cercospora* leaf spot and other common fungal disease can infect stems, leaves and pods. Okra is very susceptible to root knot nematodes. Do not plant in areas where nematode pressure is high. Major insect 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", thinning 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.



Clemson Spineless 80



Burgundy

2668 Clemson Spineless 80 55 days

OP • Productive • 3-4" pods

Spineless variety with beautiful emerald green pods. Improved variety is more productive and earlier than its 1939 All-American Selection-winning predecessor, Clemson Spineless. Plants reach 4-5' in height and have an open habit for easy harvesting. Developed by the breeding team at Clemson University in South Carolina and first released in 1980.

2667 Burgundy 65 days

OP • Ornamental and edible • 6-8" pods

Large tender crimson pods on vigorous plants with beautiful red stems and veining. Performed well in our hoophouse trials in northern Vermont offering good vigor and yields; widely adapted for different locations. In general, the reds are less productive than the greens, but Burgundy is the most productive of the red varieties. Plants grow 4-5' tall.

OKRA SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT	1/16 oz	1 oz	1/4 lb	1 lb	5 lb
2667 Burgundy	\$2.95	\$3.40	\$10.48	\$18.48	\$15.12/lb
2668 Clemson Spineless 80	\$2.95	\$3.40	\$10.48	\$18.48	\$15.12/lb

Larger volumes available; please call for pricing.

In Your Own WORDS

“Clemson Spineless 80 okra is a heavy producer that allows us to harvest the same plant 3 to 4 days weekly all the way until frost. It is consistent in appearance with a delicious flavor that keeps our customers coming back each week to our farmers market table. —John and Ann of Elmwood Stock Farm, Kentucky”

Onions

Allium cepa



The crew at Foote Brook Farm harvesting Cortland F1 onions.

CULTURAL INFO: Days to maturity 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 1" 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 are 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: BR-Basal Rot, DM-Downy Mildew, PR-Pink Root, T-Thrips

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. 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.

SWEET

2704 Zoey F1 95 days

HYBRID • Intermediate day • 4" bulbs

A widely adapted sweet onion with excellent quality. Beautiful with pale yellow skin, narrow necks and sweet, flavorful white flesh. High yielding, uniform and vigorous, with some tolerance to pink root and leaves that flop down without crimping, allowing bulbs to size up while creating a barrier against disease. Best planted early in the season to maximize size potential. From Vitalis Organic Seeds.

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 one month. Named for a perfectly round, solid rock island off the coast of Scotland.

2682 Gladstone 110 days

OP • 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.



Zoey F1



Ailsa Craig



Gladstone



Walla Walla



Valencia



Yellow Cipollini

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!



New York Early



Gabriella F1



Cortland F1



Sedona F1



Yankee F1



Calibra F1



Talon F1



Cabernet F1



Dakota Tears



Rossa di Milano



Monastrell F1

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 to long storage.

2684 Cortland F1 105 days

HYBRID • 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. Tolerant of fusarium and pink root. This solid variety comes from our partners at Bejo Seeds.

2677 Sedona F1 108 days

HYBRID • PR • 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. Good tolerance of thrips and basal rot.

2673 Yankee F1 108 days

HYBRID • DM • 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. Tolerant of pink root.

2675 Calibra F1 110 days

HYBRID • 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. Tolerant of pink root.

2692 Talon F1 110 days

HYBRID • 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. Tolerant of pink root. 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

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.

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, with good holding in the field, an upright habit, partial resistance to foliar disease, and tight necks. A real beauty from our partners at Vitalis Seeds.

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!

Why We GROW

“ I get to handle every batch of seeds that comes to High Mowing. Knowing that the work I do directly impacts the livelihood of organic farmers inspires me to do this work, and to do it well. More on p. 56. ”

- Heather, Quality Control

2688 Red Baron 115 days

OP • 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.



Red Baron



Red Carpet F1

new 2705 Red Long of Florence 115 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. Torpedo-types like Red Long of Florence are preferred by culinary enthusiasts for easy preparation and long, uniform bulbs. Mild, sweet flavor is great for pickling and using raw in salads.



Red Long of Florence

2681 Red Carpet F1 116 days

HYBRID • 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. Tolerant of pink root.

2687 Red Wing F1 118 days

HYBRID • Long day • Stores well • 3-4" bulbs

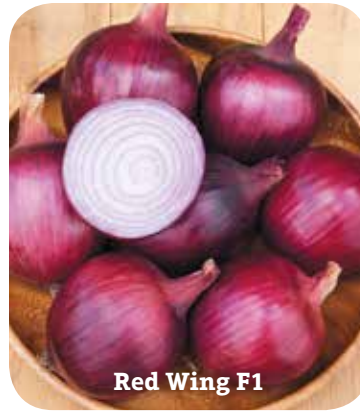
The ultimate sandwich onion with dark purple glossy skin and magenta interior rings. Uniform, large round globes are very hard, an indication of excellent storage potential. Deeper purple than Red Bull F1, with a rounder shape. Ring color continues to develop during storage. Tolerant of pink root. A market standard from our partners at Bejo Seeds.

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. Greater yield than Ambition F1 with less blocky shape; more like traditional French shallots.



Red Wing F1



Conservor F1

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

See Leeks, page 45.

2688 Red Baron

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 days

OP • 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*



Parade

Evergreen Hardy

Alto Leek

Red Baron

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	\$4.50	\$14.50	\$43.00	\$140.00	\$230.00	\$190.00/lb	\$174.00/lb
2678 Dakota Tears	\$2.95	\$4.50	\$14.50	\$43.00	\$140.00	\$230.00	\$190.00/lb	\$174.00/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	\$4.50	\$14.50	\$43.00	\$140.00	\$230.00	\$190.00/lb	\$174.00/lb
2705 Red Long of Florence	\$2.95	\$3.50	\$9.00	\$25.00	\$80.00	\$125.00	\$105.00/lb	\$96.00/lb
2674 Rossa di Milano	\$2.95	\$6.00	\$15.00	\$45.00	\$150.00	\$280.00	\$250.00/lb	\$216.00/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	\$150.00	\$280.00	\$250.00/lb	\$216.00/lb
2671 Yellow Cipollini	\$2.95	\$4.25	\$13.00	\$40.00	\$120.00	\$180.00	\$160.00/lb	\$152.00/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	\$4.40	\$3.90/M	\$3.76/M	\$3.36/M	\$3.20/M	\$3.10/M	\$3.00/M
2672 Parade Bunching	\$2.95	\$3.10	\$1.85/M	\$1.56/M	\$1.36/M	\$1.28/M	\$1.14/M	\$0.99/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	\$6.45	\$4.80/M	\$4.12/M	\$3.96/M	\$3.75/M	\$3.65/M	\$3.57/M
2675 Calibra FI	\$3.95	\$9.75	\$7.90/M	\$4.98/M	\$4.85/M	\$4.53/M	\$4.23/M	\$4.05/M
2679 Conservor FI Shallot	\$6.35	\$20.00	\$17.00/M	\$14.70/M	\$13.50/M	\$13.25/M	\$12.75/M	\$12.25/M
2684 Cortland FI	\$3.75	\$6.15	\$4.30/M	\$3.80/M	\$3.57/M	\$3.40/M	\$3.30/M	\$3.10/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
2686 Monastrell FI	\$3.95	\$10.25	\$6.60/M	\$5.66/M	\$5.25/M	\$5.04/M	\$4.90/M	\$4.82/M
2681 Red Carpet FI	\$4.30	\$9.00	\$6.40/M	\$5.40/M	\$5.00/M	\$4.70/M	\$4.55/M	\$4.45/M
2687 Red Wing FI	\$4.50	\$8.25	\$6.43/M	\$5.52/M	\$5.14/M	\$4.74/M	\$4.60/M	\$4.50/M
2677 Sedona FI	\$3.95	\$10.25	\$8.25/M	\$5.60/M	\$5.15/M	\$5.05/M	\$4.70/M	\$4.48/M
2692 Talon FI	\$3.95	\$10.25	\$8.30/M	\$5.66/M	\$5.25/M	\$5.15/M	\$4.90/M	\$4.82/M
2673 Yankee FI	\$4.20	\$9.00	\$7.60/M	\$5.80/M	\$5.30/M	\$4.50/M	\$4.31/M	\$3.96/M
2704 Zoey FI	\$4.20	\$9.00	\$7.60/M	\$5.80/M	\$5.30/M	\$4.50/M	\$4.31/M	\$3.96/M

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



Peas

Pisum sativum

Paul and Taylor evaluating early yields on a pea trial.

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. Regular harvesting increases yields.

RESISTANCE KEY: DM- Downy Mildew, FW- Fusarium Wilt, PEMV- Pea Enation Mosaic Virus, PLR- Pea Leaf Roll, 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.



Karina



Laxton's Progress #9

ENGLISH / SHELLING

2737 **Karina** 50 days

OP • Earliest shell pea • Doesn't require support • 3" pods

A dwarf shell pea that gets in and out quick with beautiful dark green pods.

Plants are 24-30" tall and appreciate staking but don't require it. Gives high yields of 3" pods with 4-6 peas. Ripens with Sugar Ann in early summer. Excellent sweet flavor.

2760 **Laxton's Progress #9** 60 days

OP • **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 high resistance to wilt.

2735 **Green Arrow** 68 days

OP • **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 stuffed 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 • **FW, PM, PEMV** • 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.

new 2763 **SS 141** 60 days

OP • Tight harvest window • Jumbo 4" pods

An exciting release that was well worth the wait. 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 PureLine Seeds, this strongly improved snap pea offers very high yield potential. Suitable for multiple succession plantings.

2764 **Sugar Daddy** 60 days

OP • **PLR, PM** • Determinate vines • 2.5-3.5" pods

A first-rate stringless snap pea with thick, juicy flesh for main season crops. Determinate 24-30" vines need little support, producing stringless double pods at each node of the plant's top for easy picking. Developed during 25 years of research by Dr. Calvin Lamborn at Gallatin Valley Seed Co. High tolerance of pea enation mosaic virus.

SNOW

2736 **Dwarf Grey Sugar** 57 days

OP • Versatile • 2.5" pods

Early variety bearing petite pods with sweet flavor and crisp texture. Dwarf Grey Sugar is a classic favorite loved for its pretty purple flowers and twirling tendrils commonly used in stir-fries, salads and garnishes. Plants are not as dwarf as their name implies, often reaching 4-5' in height.

2750 **Oregon Sugar Pod II** 62 days

OP • **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 • **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.



Green Arrow



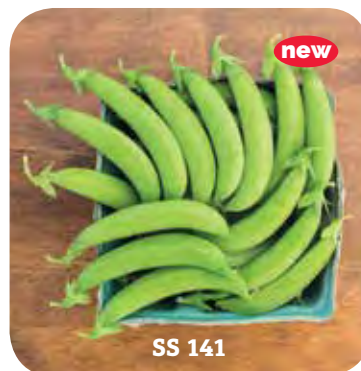
Sugar Ann



Cascadia



Sugar Daddy



SS 141



Dwarf Grey Sugar



Oregon Sugar Pod II



Mammoth Melting

GARDEN COMBO INOCULANT FOR PEAS

94535 Guard-N (Treats 8 lbs)	\$5.50
94536 Guard-N (Treats 50 lbs)	\$6.95

PEA 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	\$11.75	\$9.80/lb	\$8.40/lb
2736 Dwarf Grey Sugar Snow	\$2.95	\$7.85	\$11.75	\$9.80/lb	\$8.40/lb
2735 Green Arrow Shell	\$2.95	\$7.85	\$11.75	\$9.80/lb	\$8.40/lb
2737 Karina Shell	\$2.95	\$9.30	\$13.90	\$12.00/lb	\$11.50/lb
2760 Laxtons Progress #9 Shell	\$2.95	\$9.30	\$13.90	\$12.00/lb	\$11.50/lb
2740 Mammoth Melting Snow	\$2.95	\$8.35	\$12.50	\$10.85/lb	\$10.35/lb
2750 Oregon Sugar Pod Snow	\$2.95	\$7.85	\$11.75	\$9.80/lb	\$8.40/lb
2763 SS 141 Snap	\$2.95	\$7.85	\$11.75	\$9.80/lb	\$8.40/lb
2766 Sugar Ann Snap	\$2.95	\$7.85	\$11.75	\$9.80/lb	\$8.40/lb
2764 Sugar Daddy Snap	\$2.95	\$7.85	\$11.75	\$9.80/lb	\$8.40/lb

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

Peppers *Capsicum annuum*

Pepper seedlings from High Ledge Farm at the Capital City Farmers Market in Montpelier, Vermont.

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 diseases and recurrent pest pressure with correct sanitation techniques, crop rotation and cover cropping. SHU = Scoville Heat Units

RESISTANCE KEY: BLS-Bacterial Leaf Spot (races indicated if known), CMV-Cucumber Mosaic Virus, PM- Powdery Mildew, PVY-Potato Virus Y, TEV-Tobacco Etch Virus, TMV-Tobacco Mosaic Virus, TSWV-Tomato Spotted Wilt Virus

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 III or go to highmowingseeds.com for more info.

GREEN TO RED BELLS



King Crimson



Sprinter F1



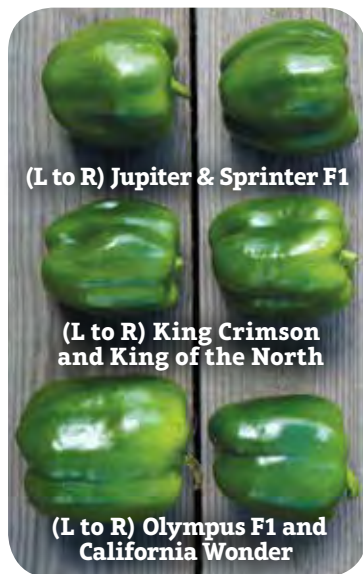
King of the North



California Wonder



Dashen F1



(L to R) Jupiter & Sprinter F1

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

(L to R) Olympus F1 and California Wonder

2777 King Crimson 57 days green, 65 red
OP • HMOS EXCLUSIVE • 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 later than King of the North, with superior quality, uniformity and intermediate resistance to cucumber mosaic virus. Developed by High Mowing in partnership with Cornell University.

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 • 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 • TMV • Good leaf cover • Ideal for stuffing and freezing • 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. High resistance to tobacco mosaic virus.

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.

2793 Olympus F1 65 days green, 85 red
HYBRID • BLS (1-3) • Good leaf cover • 4" fruits
High yielding jumbo peppers for long seasons or unheated tunnels. Plants are vigorous and bushy, providing plenty of coverage all season. Slightly elongated blocky bell shape. Plants can set fruit under a wide range of conditions. Comparable to Orion F1. *Unavailable in 2018.*

new 2813 Dashen F1 70 days green, 90 red
HYBRID • BLS (1-5), TMV (0) • Good leaf cover • 3-4" fruits
Vigorous plants offer plenty of leaf cover and are well adapted for long seasons. Produces high yields of extra-large, blocky shaped peppers. Best suited to harvesting green with beautiful, dark color and crisp walls. Matures midseason, ripening to red. Intermediate resistance to tomato spotted wilt virus (race 0).

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 very 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 • **PVY, TMV (0-3)** • Heat tolerant • 1/2 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. Upright plants are sturdy, with good performance in greenhouse, unheated tunnel or open field. Strong virus resistance. Intermediate resistance to tobacco etch virus and tomato spotted wilt virus (race 0).



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

2805 **Madonna F1** 75-85 days

HYBRID • **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. Performs best in the field but can also produce in unheated high tunnels.



Madonna F1

2769 **Abay F1** 85 days green, 95 yellow

HYBRID • **BLS (1-5), TMV (0)** • Widely adapted • 4" fruits

Jumbo sized blocky gold 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.



Abay F1

SPECIALTY

2797 **Topepo Rosso** 55 days green, 70 red

HEIRLOOM • Pimiento-type for stuffing • Flattened 2" fruits

An early, flattened pimiento with sweet, succulent flavor. Rounded fruits have smooth skin and extra thick, meaty walls characteristic of pimientos. Scarlet, ridged fruit resembles a tomato (hence the name combining tomato and pepper). Good upright habit and leaf cover; superior to other pimientos in our trials.



Topepo Rosso

2788 **Oranos F1** 60 days green, 75 orange

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

Eye-catching vivid gold 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.



Oranos F1

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. Pepper lore has it that the occasional fruit will display heat. Typically harvested and used green, but eventually turns orange and red with sweeter flavor. Prolific!



Shishito

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 for hors d'oeuvres or pickle for a festive winter treat. Large seed cavity is perfect for stuffing. Upright 18-24" plants are excellent for decorative containers. Each plant produces a single color of pepper. *Limited availability in 2018.*



Bangles Blend



Belcanto F1



Stocky Red Roaster



Corno di Toro



Lively Italian Yellow



Picnic Orange



Picnic Yellow



Xanthi F1



Feher Ozon



Lively Italian Orange



Picnic Red



Picnic Pepper Blend

2781 Belcanto F1 60 days green, 83 redHYBRID • **TMV (0-3)** • Kapia-type • Compact habit • 6-8" fruits

Productive with thick, juicy walls and delectable sweetness. Exceptionally sweet, heavy cone-shaped fruits are versatile and delicious fresh, stuffed, grilled or dried for paprika. Kapia-type fruits are native to the Adriatic and have smooth skin that is easy to roast and peel. Suitable for field or high tunnel production; abundant producer even in short seasons.

2804 Xanthi F1 65 days green, 85 yellowHYBRID • **TMV (0)** • Good leaf cover • 6-8" long fruits

Sunshine-yellow Italian sweet pepper on uniform, upright plants. Sturdy, uniform, elongated fruits that turn from deep green to bright yellow at maturity. Tall, upright plants with good leaf cover. Mix with Belcanto F1 and Oranos F1 for an amazing tri-color display! Good field resistance to blossom end rot in our trials. From our partners at Vitalis Organic Seeds. *Limited availability in 2018.*

2798 Stocky Red Roaster 65 days green, 85 red

OP • Open Source Seed • Italian-type • 4-6" long fruits

Outstanding variety with juicy, sweet fruit; competes well with hybrids. Among the best tasting peppers in our trials! Attractive, smooth-skinned fruits with thick walls. Tall plants with upright habit are covered in fruit. Italian peppers are delicious traditionally fried in olive oil and sprinkled with shredded parmesan cheese. Open Source variety bred by Frank Morton.

2803 Feher Ozon 65 days white, 95 red

OP • Compact, great for containers • Tapered 4" fruits

High yields of stout conical peppers with sweet and juicy pepper crunch when ripe. Fruits start out white, ripening to yellow, orange and finally bright red for a variety of colors on each plant! Unripe fruit is mild and slightly tangy; ripe fruit is delicious fresh or traditionally dried and ground for Hungarian paprika. Compact plants are loaded with fruit.

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. Versatile and great for eating raw, stuffed, grilled or traditionally fried in olive oil and sprinkled with parmesan. 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 Stocky Red Roaster and 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.

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 harvesting ripe ones 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.

2811 Picnic Yellow 60 days green, 84 yellow

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

Vivid bright yellow with a bright, 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.

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 fruits great for eating fresh, dried or powdered. *Limited availability in 2018.*

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.

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 • BLS (0-3, 7,8), PVY • Green jalapeño • SHU 5,000

High quality hybrid jalapeño that cranks out bushels of nearly perfect fruit.

We've been waiting a long time for a strong hybrid jalapeño to offer as organic seed, and we think you'll be delighted we finally found one. Triunfo F1 was a standout in our trials, with an upright frame and heavy set of midsize jalapeños with minimal checking. Also has intermediate resistance to tobacco etch virus.

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. Well adapted variety; good yields in cool conditions.

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.

2784 **Maya** 70 days green, 90 red

OP • Red habanero • SHU 150,000 • 3-4" fruits

Bright red, glossy fruits with outstanding appearance, flavor and burn in our taste tests. Peppers are lantern-shaped, longer and more slender than a typical habanero. Extremely hot fruits are abundant and average 3-4" long, with early maturity and good productivity in cool climates. *C. chinese. Unavailable in 2018.*

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. chinese*



Ring-O-Fire



Hungarian Hot Wax



Bastan F1



Early Jalapeño



Triunfo F1



Ancho Poblano



NuMex Joe E. Parker



Maya



Magnum



Candlelight

ORNAMENTAL

2801 **Candlelight** 65 days green, 80 color

OP • 12-16" plants • SHU 50,000+ • 1" fruits

Brightly colored fruits emerge from dense green foliage like flames. Upright clusters of narrow 1" fruits ripen from yellow to orange to fire engine red, putting on an incredible display all season. Compact, bushy plants covered with very spicy fruit are excellent for containers. An All-America Selections (AAS) winner; perfect for 6-pack sales.

PEPPER SEED - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1/64 oz	1/16 oz	1/4 oz	1 oz	1/4 lb	1 lb
2782 Ancho Poblano Hot	\$2.95	\$8.10	\$26.50	\$71.70	\$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	\$6.60	\$13.70	\$37.80	\$131.30	\$435.00
2801 Candlelight Hot	\$2.95	\$9.00	\$28.50	\$85.00	\$300.00	\$825.00
2778 Corno di Toro Sweet	\$2.95	\$8.50	\$27.85	\$75.30	\$183.00	\$597.00
2780 Early Jalapeño Hot	\$2.95	\$5.75	\$11.80	\$29.50	\$77.00	\$190.00
2803 Feher Ozon Sweet	\$2.95	\$12.00	\$38.00	\$120.00	\$310.00	\$889.00
2776 Golden California Wonder Sweet	\$2.95	\$8.00	\$24.60	\$54.80	\$128.00	\$295.00
2790 Hungarian Hot Wax Hot	\$2.95	\$5.85	\$12.00	\$41.50	\$127.00	\$340.00
2789 Iko Iko Sweet	\$3.95	\$8.95	\$27.50	\$73.00	\$210.00	\$739.00
2774 Jupiter Sweet	\$2.95	\$8.95	\$27.50	\$73.00	\$210.00	\$739.00
2777 King Crimson Sweet	\$3.95	\$11.25	\$37.50	\$129.75	\$299.50	\$855.00
2800 King of the North Sweet	\$2.95	\$11.00	\$33.35	\$80.00	\$260.00	\$819.00
2806 Lively Italian Orange Sweet	\$2.95	\$10.00	\$31.00	\$103.00	\$310.00	\$889.00
2807 Lively Italian Yellow Sweet	\$2.95	\$10.00	\$31.00	\$103.00	\$310.00	\$889.00
2783 Magnum Habanero Hot	\$2.95	\$9.65	\$27.45	\$79.45	\$206.00	\$560.00
2784 Maya Habanero Hot (unavailable in 2018)	\$2.95	\$9.50	\$26.85	\$77.80	\$202.00	\$550.00
2785 NuMex Joe E. Parker Hot	\$2.95	\$5.25	\$10.25	\$18.25	\$37.80	\$131.25
2814 Purple Beauty Sweet	\$2.95	\$9.70	\$31.80	\$86.00	\$209.00	\$618.00
2786 Ring-O-Fire Cayenne Hot	\$2.95	\$8.50	\$25.00	\$70.00	\$180.00	\$525.00
2794 Shishito	\$3.95	\$8.95	\$27.50	\$73.00	\$210.00	\$739.00
2815 Sweet Chocolate Sweet	\$2.95	\$6.25	\$18.55	\$50.25	\$160.00	\$525.00
2797 Topepo Rosso Sweet	\$3.95	\$8.95	\$27.50	\$73.00	\$210.00	\$739.00

PEPPER SEED - HYBRID - SOLD BY SEED COUNT

	10	100	250	500	1 M	5 M	25 M
2769 Abay F1 Sweet	\$6.80	\$35.00	\$57.00	\$87.00	\$135.00	\$113.00/M	\$94.00/M
2795 Bastan F1 Hot	\$3.70	\$13.50	\$25.50	\$46.50	\$85.50	\$75.75/M	\$70.00/M
2781 Belcanto F1 Sweet	\$8.25	\$40.00	\$85.00	\$137.00	\$255.00	\$242.00/M	\$224.00/M
2813 Dashen F1 Sweet	\$3.70	\$17.00	\$32.00	\$56.00	\$105.00	\$95.00/M	\$84.00/M
2805 Madonna F1 Sweet	\$6.95	\$38.00	\$78.00	\$122.00	\$202.00	\$178.00/M	\$164.00/M
2771 Milena F1 Sweet	\$9.40	\$71.00	\$154.00	\$218.00	\$398.00	\$370.00/M	\$342.00/M
2793 Olympus F1 Sweet (unavailable in 2018)	\$3.70	\$13.50	\$25.50	\$46.50	\$85.50	\$75.75/M	\$70.00/M
2788 Oranos F1 Sweet	\$8.25	\$40.00	\$85.00	\$137.00	\$255.00	\$242.00/M	\$224.00/M
2779 Sprinter F1 Sweet	\$9.40	\$71.00	\$154.00	\$218.00	\$398.00	\$370.00/M	\$342.00/M
2773 Triunfo F1 Hot	\$3.70	\$13.50	\$25.50	\$46.50	\$85.50	\$75.75/M	\$70.00/M
2804 Xanthi F1 Sweet	\$8.25	\$40.00	\$85.00	\$137.00	\$255.00	\$242.00/M	\$224.00/M

PEPPER SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	10	100	250	500	1 M	5 M	25 M
2810 Orange Picnic	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M	\$18.00/M
HCPP Picnic Pepper Blend	\$7.50 for 3 seed packets with 10 seeds each						\$18.00/M
2809 Red Picnic	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M	\$18.00/M
2798 Stocky Red Roaster	\$2.95	\$9.95	\$18.45	\$31.75	\$56.75	\$49.80/M	\$39.40/M
2811 Yellow Picnic	\$2.95	\$8.00	\$13.00	\$19.50	\$28.00	\$22.00/M	\$18.00/M

Larger volumes available; please call for pricing.

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 after January 15, 2018

Potatoes

Solanum tuberosum

Paul planting Burbank Russet and Reba potatoes at High Ledge Farm.

CULTURAL INFO: A hardy cool season crop. Classified by early, mid and late 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 burlap, boxes, or crates in a dark, moist area at 38-40°F.

DISEASE & PESTS: Utilize crop rotations and cover cropping for effective preventative practices. The two most difficult potato diseases are scab and late blight. Scab is most severe in dry weather. Select scab resistant varieties and maintain good soil moisture. Late blight is severely destructive, with the potential of total crop loss.

Symptoms of late blight 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: **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: To avoid freezing in transit, we will begin shipping potatoes on or before April 15th, 2018.

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

WHITE FLESH

84092 **Dark Red Norland** *Early season*

OP • **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, hollow heart and early blight. The original Norland potato was developed by the North Dakota Agricultural College and released in 1957.

84025 **Purple Viking** *Early season*

OP • 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. Good scab resistance.

84005 **Katahdin** *Mid season*

OP • Drought tolerant • Stores well

Delicious, widely adaptable large round tubers with white flesh and thin buff skin. One of the best-known Maine potatoes and a North American standard, Katahdin is prized for its adaptability, consistent performance and waxy flesh that is delicious boiled or in potato salad. The gold standard of storage potatoes! High yielding, adaptable big plants. Shows moderate resistance to scab. Developed and released by the United States Department of Agriculture in 1932.

84035 **Red Chieftain** *Mid season*

OP • **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 • 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. Some resistance to blackleg, fusarium, scab 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.

new 84030 **Reba** *Late season*

OP • **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 set Reba apart from Elba, which it replaces. A go-to for taste and dependability, Reba is suitable for roasting, boiling or baking and makes stellar mashed potatoes. An excellent storage variety.



Dark Red Norland



Purple Viking



Katahdin



Red Chieftain



Burbank Russet



Reba



All Red



Adirondack Blue



Yukon Gem



Yukon Gold



AmaRosa



Rose Finn Apple



Russian Banana

COLORED FLESH

84040 All Red *Early season*

OP • Gourmet variety • Drought resistant • High yielding

Gorgeous cranberry-red skin and white flesh with rosy tie-dye swirls. Uniquely patterned flesh holds its color during cooking; best boiled or steamed. Early and high yielding. Shows some resistance to scab and drought.

new 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!

84130 Yukon Gem *Mid season*

OP • **LB, SCAB** • 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.

84020 German Butterball *Late season*

HEIRLOOM • **SCAB** • 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 midsize potatoes, a little waxier than dry, amazing roasted, a good boiler...one of my favorites," says Paul Betz of High Ledge Farm. Some late blight resistance.

FINGERLING

84075 AmaRosa *Mid season*

OP • **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.

new 84140 French Fingerling *Late season*

OP • 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.

84110 Rose Finn Apple *Late season*

HEIRLOOM • **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. Needs fertility and water. High field resistance to scab.

84120 Russian Banana *Late season*

HEIRLOOM • **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.

Why We
GROW

“Getting quality seeds into the hands of organic growers to produce nutritious food is of the utmost importance. At High Mowing, we're working to secure a healthy food system.”
—Sara, Commercial Grower Sales More on p. 56.

SEED POTATOES - OPEN-POLLINATED - SOLD BY SEED WEIGHT

	1 lb	2.5 lb	25 lb*	50 lb*
84002 Adirondack Blue		\$11.75	\$55.75	\$93.00
84040 All Red		\$11.75	\$55.75	\$93.00
84075 AmaRosa Fingerling	\$10.65	\$14.00	\$88.25	\$144.50
84010 Burbank Russet		\$11.75	\$55.75	\$93.00
84092 Dark Red Norland		\$11.75	\$55.75	\$93.00
84140 French Fingerling	\$10.65	\$14.00	\$88.25	\$144.50
84020 German Butterball		\$11.75	\$55.75	\$93.00
84005 Katahdin		\$11.75	\$55.75	\$93.00
84025 Purple Viking		\$11.75	\$55.75	\$93.00
84030 Reba		\$11.75	\$55.75	\$93.00
84035 Red Chieftain		\$11.75	\$55.75	\$93.00
84110 Rose Finn Apple Fingerling	\$10.65	\$14.00	\$88.25	\$144.50
84120 Russian Banana Fingerling	\$10.65	\$14.00	\$88.25	\$144.50
84130 Yukon Gem		\$11.75	\$55.75	\$93.00
84100 Yukon Gold		\$11.75	\$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.

Finding the Best

by Paul Betz, Commercial Grower Sales
and Product Development

Our endless—and endlessly satisfying—work

Finding the right varieties for the catalog happens in the field. We keep our growers in mind when we make our selections, ensuring the varieties we add bring value to professional and home growers alike.

While our Early Jalapeño works well as an open-pollinated variety, we had been given the task of finding a hybrid variety that would bring *more*: more uniformity, more robust plants, and more peppers. As Taylor, the leader of the High Mowing Trials program, and I walked up to the pepper trials we were reserved. We had been down this road before. We gushed over plants that we were using as our comparable varieties. They had everything that we were looking for, except they weren't available organically. We also looked at some beautiful varieties that were in development, but we really wanted this pepper now. And then we came up to the last one in the trial: strong, sturdy, and loaded with beautiful, glossy fruit. We checked the stake twice to make sure. Organic? Check. Available? Check. As soon as we could contain our excitement, we added Triunfo F1 to the list that we would bring to the Product Development team (PD) for the upcoming catalog.

Finding varieties that perform and bring the most benefit to our growers has always been central to the work at High Mowing Organic Seeds. It is also work that doesn't end. After compiling feedback from our growers on the phone and in their fields, PD comes together in the fall to review the current catalog and see where we have room to add new varieties, or slots. These slots might include a disease resistance,

specific size or color of fruit, or the ability to perform in a particular season. Once the slots are identified, Taylor starts working on the upcoming season's trials plan.

By reaching out to our partner seed companies, as well as independent and public breeders, Taylor spends the early winter gathering samples and building the trials for the upcoming season. As the season progresses her crew gathers quantitative data on the varieties, including color, size and yields. When the time is

right for each slot, Taylor and I walk the fields, using a grading system to rate the varieties on appearance, vigor, taste, appeal. We then choose which varieties make the cut, bringing our whole PD team to the field where we make our recommendations. It is through this work, often started years ago, that we are able to identify and bring to our growers the varieties that have allowed us to become the whole farm catalog you hold today.



Paul and Taylor evaluating winter squash for size, yield and fruit quality.

Pumpkins *Cucurbita* spp.

Monique and Katie harvest Baby Pam pie pumpkins in our trials field.

CULTURAL INFO: Days to maturity are from direct seeding. Pumpkins are long season tender annuals that prefer fertile, well-drained soil. Direct sow after last frost. Tighter spacing results in smaller, more numerous fruit. Plastic mulch and floating row covers heat soil and help ward off pests; remove row cover when flowering to allow pollination. Harvest before temperatures reach below 50° F. Move to a warm, dry, shaded area to cure.

RESISTANCE KEY: **PM**-Powdery Mildew

SEED SPECS: *C. pepo*, 140-250 (195 avg) seeds/oz, 2.3-4M (3.1M avg) seeds/lb. *C. moschata*, 280-375 (327 avg) seeds/oz, 4.5-6M (5M avg) seeds/lb. *C. maxima*, 90-160 (125 avg) seeds/oz, 1.5-2.6M (2M avg) seeds/lb. M=1,000. **1/8 oz approx. 25 seeds.** Direct seeding rate: 2 seeds every 18-36" in rows 5-6' apart. Transplants: 18-36" apart in rows 5-6' apart.

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

PIE - *C. pepo*

2818 Baby Pam 99 days

OP • Uniform size • Reliable harvest • 3-4 lb fruit

Commercial standard for pie pumpkins with long handles and dry, bright orange skin. Stringless, sugary flesh cooks down to a smooth, superior pie filling. Smaller and more uniform than New England Pie. Great for painting and carving, too!

2830 Long Pie 100 days

HEIRLOOM • Stores well • 5-8 lb fruit

The absolute best pie pumpkin for cooking, with virtually stringless, smooth orange flesh. Also known as Nantucket Pie. Harvest green with an orange spot on the bottom, as Long Pie ripens in storage, turning completely orange outside as flesh sweetens inside.

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 even 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 • **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.

2841 Jack Straw 100 days

OP • BRED BY HIGH MOWING • **PM** • 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. Powdery mildew and scab tolerant, ripening late in the season just in time for Halloween sales!

2825 Owl's Eye F1 100 days

HYBRID • HMOS EXCLUSIVE • 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.

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.



Baby Pam



Long Pie



New England Pie



Winter Luxury



Cider Jack F1



Jack Straw



Owl's Eye F1



Howden

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 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*

2819 Casper 100 days

OP • PM • 8-10 lb fruit

Smooth, ghostly white pumpkin for Halloween displays with sweet interior flesh for baking. Round to oblong fruits with completely smooth, minimally ribbed skin – great for painting! Harvest at maturity to avoid spotting. Stout handles are corky and straw-colored. Exhibited field resistance to powdery mildew in our trials. *C. maxima*

2837 Kakai Hulless 100 days

OP • Semi-bush habit • Hulless seeds • 5-8 lb fruit

Endearing Japanese pumpkin with orange and green stripes and hulless seeds for snacking! Creates a beautiful display, but is most valued for its scrumptious seeds packed with healthy oils. Addictive, nutty flavor when toasted. There are 2-3 medium size fruits per plant. Widely adapted and tolerant of poor conditions. *C. pepo*

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*

2827 Long Island Cheese 110 days

HEIRLOOM • Edible • Stores well • 8-10 lb fruit

Buff, butternut-like skin, tasty deep orange flesh and flat, round appearance. Beautiful edible and ornamental; could be mistaken for a wheel of cheese! Selected for inclusion in the Slow Food Ark of Taste for its flavor profile and regional significance. Plants have vigorous vines and heavy leaf cover. *C. moschata*

2836 Valenciano 110 days

OP • Uniform fruit • 8-10 lbs

Creamy, white skinned beauties are round and slightly flattened in shape. Dense, high quality sweet flesh. Vigorous vines bear uniform fruit with thick handles. A unique pumpkin that can be eaten or used ornamentally. Not as rugged as orange pumpkins; harvest right away and keep protected for best quality off the vine. *C. maxima*

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*

**Jack Be Little****Cinderella,
Rouge vif d'Etampes****Casper****Kakai Hulless****Black Futsu****Long Island Cheese****Valenciano****Musque de Provence**

PUMPKIN SEED - OPEN-POLLINATED - 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	\$8.00	\$15.50	\$35.00	\$58.00	\$49.00/lb	\$44.00/lb
2822 Black Futsu	\$3.25	\$7.50	\$16.00	\$38.00	\$70.00	\$65.00/lb	\$59.00/lb
2819 Casper	\$4.50	\$12.00	\$28.00	\$62.00	\$110.00	\$90.00/lb	\$79.92/lb
2845 Cinderella, Rouge vif d'Etampes	\$3.95	\$11.00	\$24.00	\$60.00	\$95.00	\$85.00/lb	\$74.00/lb
2820 Howden	\$2.95	\$6.60	\$15.40	\$32.60	\$54.60	\$50.40/lb	\$45.00/lb
2832 Jack Be Little	\$2.95	\$4.59	\$14.28	\$33.92	\$55.00	\$45.00/lb	\$38.00/lb
2841 Jack Straw	\$3.95	\$8.50	\$20.25	\$47.25	\$82.00	\$73.00/lb	\$64.60/lb
2837 Kakai Hulless	\$3.70	\$8.25	\$21.00	\$50.00	\$83.00	\$75.00/lb	\$66.00/lb
2827 Long Island Cheese	\$2.95	\$9.75	\$21.45	\$58.50	\$107.90	\$100.10/lb	\$89.70/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	\$6.00	\$11.25	\$23.00	\$35.75	\$32.00/lb	\$28.92/lb
2836 Valenciano	\$2.95	\$6.00	\$16.00	\$38.00	\$62.50	\$54.50/lb	\$50.00/lb
2828 Winter Luxury	\$4.50	\$11.00	\$35.00	\$75.00	\$130.00	\$108.00/lb	\$102.00/lb
PUMPKIN SEED - HYBRID - SOLD BY SEED COUNT	10	50	250	1 M	5 M	25 M	
2826 Cider Jack F1	\$3.50	\$11.50	\$28.00	\$78.00	\$65.00/M	\$55.20/M	
2825 Owl's Eye F1	\$2.95	\$9.00	\$21.00	\$62.00	\$50.00/M	\$42.00/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

Monique and Taylor harvest our new and improved strain of White Icicle radishes.

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. 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.

DISEASE & PESTS: Like other crucifers, radishes can be subject to fungal diseases in

wet seasons, such as Alternaria leaf spot and white mold (*Sclerotinia*). Flea beetles can present a problem, particularly for young plants, by chewing small holes in the leaves. Use floating row cover after seeding to prevent insect damage.

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.

RADISHES



D'Avignon



Sora



Celesta F1



Cherry Belle



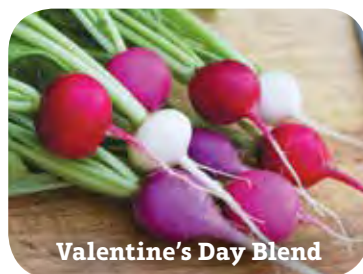
Pearl



Purple Plum



Rudolf



Valentine's Day Blend

2846 D'Avignon 21 days

HEIRLOOM • Fresh market specialty • 3-4" long roots

The traditional French Breakfast radish with rose-pink roots and mild flavor. Long cylindrical pink roots with bright white tips are eye-catching at farmers markets. Vigorous and fast growing, performing best in rich soil. Excellent for spring and fall crops. Originally from the South of France where they are traditionally eaten fresh with butter.

new 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

The first organically available hybrid radish! Beautiful scarlet skin, bright white flesh and juicy crunch. Vigorous with good bolt tolerance. The highest rated variety in our trials across all seasonal slots, with very little splitting even when overgrown and strong, upright, compact foliage for easy harvest.

2850 Cherry Belle 25 days

OP • Easy to grow • Uniform .75-1" round roots

Classic, smooth red bunching radish with attractive crispy white flesh. Uniform roots are much less subject to pithiness than other radishes. Easy and fast to grow, with strong, widely adaptable tops. An All-America Selections (AAS) winner.

2851 Pearl 25 days

OP • Vigorous growth • Strong crack resistance • 1" round roots

Pearl-white smooth round radish with improved uniformity and strong tops. With vigorous growth and strong crack resistance, Pearl is a workhorse white radish. Beautiful in a mix. Strong tops are especially suited to bunching. From our partners at Vitalis Organic Seeds.

2863 Purple Plum 25 days

OP • Specialty variety • Resists cracking • 1-1.5" round roots

Bright purple skin covering firm white flesh with crisp, juicy texture. Mild, sweet flavor all season long! Roots hold well in the field and do not crack easily. Hardy and adaptable; very resistant to pithiness. Released by Alf Christianson Seed Company. *Unavailable in 2018.*

2873 Rudolf 25 days

OP • Spring/fall crop • Uniform 1" round roots

All the vigor and uniformity of a hybrid in this highly selected open-pollinated variety with deep red roots. Rudolf makes a crisp, nicely rounded radish with little to no pithiness. Good for spring and fall production. Short foliage. From our partners at Bejo Seeds.

2875 Valentine's Day Blend 25 days

OP • HMOS EXCLUSIVE • Eye-catching blend for market

Well balanced blend makes a sweet impression! An eye-catching blend sure to create a heartfelt sensation. Includes round red, pink, purple and white radishes for an early shot of color in an irresistible mixed bunch.

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 regularly; may become pithy if harvested late.



French Breakfast



Pink Beauty

2870 Pink Beauty 27 days

OP • Uniform shape • 1-1.5" long 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.

2866 White Icicle 27 days

OP • Mild, pointed roots • Improved vigor and uniformity • 3-4" long roots

Bright white radish for striking salads. Our new and 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.



White Icicle



White Beauty

2865 White Beauty 30 days

OP • Strong tops • 1.5" round roots for spring or fall

Pure white, round to slightly flattened roots. Bright white, smooth roots make a beautiful contrast with strong green tops great for bunching. Bunch with Purple Plum and Pink Beauty for a colorful display. Best grown in spring or fall.

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.



Ostergruss



Miyashige Daikon

2862 Miyashige 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. Strong taproots often used as a cover crop to break up hardpan and lighten heavy soils.

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.



Schwarzer Runder



Watermelon

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, similar to Daikon.

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	\$4.50	\$6.30	\$13.00	\$38.00	\$34.00/lb	\$30.50/lb
2846 D'Avignon	\$2.95	\$6.25	\$10.30	\$19.80	\$65.00	\$60.00/lb	\$56.00/lb
2860 French Breakfast	\$2.95	\$4.50	\$6.30	\$16.30	\$38.90	\$35.70/lb	\$31.00/lb
2862 Miyashige Daikon	\$2.95	\$7.95	\$11.85	\$23.85	\$79.35	\$71.40/lb	\$64.00/lb
2861 Ostergruss	\$2.95	\$7.62	\$11.33	\$22.70	\$75.60	\$68.00/lb	\$61.00/lb
2870 Pink Beauty	\$2.95	\$3.50	\$5.30	\$12.00	\$36.00	\$33.00/lb	\$29.56/lb
2863 Purple Plum (unavailable in 2018)	\$2.95	\$4.50	\$8.40	\$17.90	\$51.50	\$48.30/lb	\$42.00/lb
2848 Schwarzer Runder	\$2.95	\$7.60	\$11.30	\$22.70	\$75.60	\$68.00/lb	\$61.00/lb
2875 Valentine's Day Blend	\$2.95	\$8.00	\$12.35	\$23.80	\$61.75	\$57.00/lb	\$53.00/lb
2847 Watermelon	\$2.95	\$7.60	\$11.30	\$22.70	\$75.60	\$68.00/lb	\$61.00/lb
2865 White Beauty	\$2.95	\$6.30	\$10.50	\$18.75	\$58.80	\$55.86/lb	\$51.45/lb
2866 White Icicle	\$2.95	\$4.60	\$6.95	\$18.00	\$50.00	\$45.00/lb	\$43.60/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	\$11.30	\$6.90/M	\$4.76/M	\$3.55/M	\$2.97/M	\$2.65/M
2873 Rudolf	\$2.95	\$4.25	\$1.97/M	\$1.42/M	\$1.28/M	\$1.19/M	\$1.10/M
2855 Sora	\$2.95	\$4.00	\$1.95/M	\$1.36/M	\$1.15/M	\$1.05/M	\$0.93/M

RADISH SEED - HYBRID - SOLD BY SEED COUNT

	100	1 M	5 M	50 M	100 M	500 M	1000 M
2874 Celesta FI	\$3.75	\$9.50	\$5.60/M	\$3.70/M	\$3.10/M	\$2.52/M	\$2.26/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

Spinach

Spinacia oleracea

Monique and Jesse planting spinach in a High Mowing showcase field in preparation for our open field day.

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.

RESISTANCE KEY: CMV-Cucumber Mosaic Virus, DM-Downy Mildew

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.

SPINACH



Verdil



Corvair F1



Shelby F1



Renegade F1



Matador



Regiment F1



Butterflay

SMOOTH LEAF

2869 Verdil 37 days

OP • Field variety • Spring • Strong emergence

Very cold tolerant, fast growing large leaf variety with pleasant aromatic flavor. An excellent choice for overwintering and early spring crops, this medium green leaf is ideal for steaming or salads. Verdil stood out with the best emergence of any variety in our spring 2014 trials. From biodynamic German breeders Kultursaat.

2887 Corvair F1 40 days

HYBRID • 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 • 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 2014 trials. From Vitalis Organic Seeds. Precision sized.

2878 Matador 43 days

OP • Field/tunnel • Fall/overwinter • Winter hardy

Open-pollinated variety with strong cold tolerance and high yield potential. One of the top three highest yielding varieties out of nineteen in our 2015-16 winter spinach trials. Slower growth makes it suitable for baby leaf production, with nice smooth leaves and rounded spoon shape. Easy to wash. From biodynamic German breeders Kultursaat.

2884 Renegade F1 43 days

HYBRID • DM (I-7, 11, 13) • 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. From Bejo Seeds. Precision sized.

SEMI-SAVOYED LEAF

2881 Regiment F1 37 days

HYBRID • DM (I-7, 11, 13) • 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. Works well in all seasonal slots; 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 2013 trials, exhibiting better vigor and emergence than any other variety, as well as unmatched intense green color.

2871 Escalade F1 43 days

HYBRID • **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 • **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 2015-16 trials and is slow to bolt in all seasons. Adaptable to spring, summer 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 developed the original Bloomsdale spinach in the 1800s.

2889 Winter Bloomsdale 45 days

HEIRLOOM • **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.

2872 Abundant Bloomsdale 45 days

OP • Tunnel/field • Spring/fall • Open Source Seed • 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.



Escalade F1



Acadia F1



Bloomsdale Longstanding



Winter Bloomsdale



Abundant Bloomsdale



Giant Winter

Why We
GROW

“Organic seeds are the backbone of healthy bodies and healthy communities. More on p. 56.”
—Emily, Wholesale Sales

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	\$5.70	\$16.50	\$38.00	\$25.80/lb	\$18.36/lb	\$15.00/lb	
2868 Butterfly	\$2.95	\$5.70	\$16.50	\$40.00	\$32.00/lb	\$24.00/lb	\$18.00/lb	
2885 Giant Winter	\$2.95	\$3.75	\$9.00	\$25.00	\$20.00/lb	\$15.60/lb	\$13.00/lb	
2878 Matador	\$2.95	\$5.70	\$16.50	\$38.00	\$25.80/lb	\$18.36/lb	\$13.59/lb	
2869 Verdil	\$2.95	\$5.70	\$16.50	\$38.00	\$25.80/lb	\$18.36/lb	\$13.59/lb	
2889 Winter Bloomsdale	\$2.95	\$9.00	\$24.00	\$75.00	\$66.00/lb	\$60.40/lb	\$53.00/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	\$4.50	\$2.34/M	\$1.70/M	\$1.45/M	\$1.22/M	\$1.11/M	\$1.07/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	\$3.25	\$1.44/M	\$0.93/M	\$0.82/M	\$0.72/M	\$0.68/M	\$0.63/M
2887 Corvair F1	\$2.95	\$3.25	\$1.44/M	\$0.93/M	\$0.82/M	\$0.72/M	\$0.68/M	\$0.63/M
2871 Escalade F1	\$2.95	\$3.25	\$1.44/M	\$0.93/M	\$0.82/M	\$0.72/M	\$0.68/M	\$0.63/M
2881 Regiment F1	\$2.95	\$3.75	\$1.86/M	\$1.76/M	\$1.12/M	\$0.95/M	\$0.90/M	\$0.85/M
2884 Renegade F1	\$2.95	\$3.75	\$1.86/M	\$1.76/M	\$1.12/M	\$0.95/M	\$0.90/M	\$0.85/M
2867 Shelby F1	\$2.95	\$3.25	\$1.44/M	\$0.93/M	\$0.82/M	\$0.72/M	\$0.68/M	\$0.63/M

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

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

SPINACH

Summer Squash

Cucurbita pepo

Andrea and Muse washing summer squash at The Farm at the Vermont Youth Conservation Corps.

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 and 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 covers 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: **CMV**-Cucumber Mosaic Virus, **PM**-Powdery Mildew, **PR5**-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.



Create a Hybrid



Green Machine F1



Dunja F1



Dark Green



Desert F1



Goldy F1

ZUCCHINI

HC-CH Create a Hybrid: Cha-Ching F1 Zucchini Kit

HYBRID • HMOS EXCLUSIVE • Excellent school garden & kids activity

Everything you need to grow your own hybrid seeds! Hybridization is a classic breeding technique that has been used purposefully and accidentally for thousands of years. This kit invites you to learn how hybrids are made - simply plant Cha-Ching F1's male and female parents, cross-pollinate their flowers, and harvest Cha-Ching F1 seeds! Cha-Ching F1 is a productive, disease resistant hybrid zucchini created by High Mowing for organic growers. Easy instructions included. Cha-Ching F1 seeds included for comparison. **PRICE:** \$8.25

new 2890 Green Machine F1 45 days

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

Aptly named for cranking out uniform fruits of exceptional quality over a long season. This vigorous variety produces nearly flawless cylindrical 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 • **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 • **PM, PRS, WMV, ZYMV** • Compact habit • 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, single-stemmed and spineless.

2915 Goldy F1 50 days

HYBRID • 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 F1 and Gold Rush F1, with less greening than Gold Rush F1. Powdery mildew tolerant.

2899 **Yellowfin F1** 50 days

HYBRID • **PM** • Compact, open habit • Harvest at 6-8"

The first 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. Strong resistance to powdery mildew and intermediate resistance to cucumber mosaic virus for a reliable harvest even in challenging field conditions. From Vitalis Organic Seeds.



Yellowfin F1



Cha-Ching F1

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 with light green and slightly tapered with a small blossom. Plants are very open in habit, making for easy harvest and increased airflow to keep down disease. Bred 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. Great picked at 6" or smaller and fried whole with the flower still attached.



Costata Romanesco



Dario F1

2897 **Dario F1** 55 days

HYBRID • **PM** • Cocozelle-type • Upright, single-stemmed • Harvest at 10-12"

Improved with more defined striping, open plant habit, disease resistance and attractive fruit. Eye-catching variety with lime green stripes won us over in our trials with long, slender fruit that hold well after harvest. Open habit for easier picking. Sweeter flavor than most Cocozelle-types.

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 in our trials. 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.



Midnight Lightning



Dark Star

2907 **Midnight Lightning** 55 days

OP • BRED BY HIGH MOWING • Open Source Seed • 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 Dario F1, but has more contrast 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.



Cocozelle

YELLOW SUMMER SQUASH

new 2914 **Smooth Operator F1** 50 days

HYBRID • **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 Pick® series carrying the gl-2 glabrous gene developed by Dr. Brent Loy at the University of New Hampshire.

2908 **Success PM Straightneck** 50 days

OP • **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.



Smooth Operator F1



Success PM Straightneck

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.



Yellow Crookneck



Segev F1

SPECIALTY

2906 **Segev F1** 47 days

HYBRID • Parthenocarpic • Open habit • Harvest at 6-8"

Light green squash also known as Lebanese summer squash or kusa. Slight taper; extra long stems for easy harvesting. Open habit with single stem and nearly spineless. High yield potential, producing late into the season when other varieties slow down. Oversized kusa are prepared like winter squash. *Limited availability in 2018.*

**Benning's Green Tint****Ronde de Nice****G-Star F1****Y-Star F1****2912 Benning's Green Tint** 52 days

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

Easy-to-grow pale green fruits that mature to a creamy white. Bushy plants provide good yields of saucer-shaped fruits with scalloped edges. No formally noted virus resistance, but has shown field resistance in our trials.**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!**2891 G-Star F1** 55 days

HYBRID • Patty pan-type • Compact habit • Harvest at 2-4" diameter

Attractive, dark green glossy skin and characteristic saucer shape with scalloped edges. A complement to our Y-Star F1, with abundant yields of delicious nutty squashes. Compact plants are very productive and work well in containers.**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. Offer with G-Star F1 for an eye-catching market display!**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	\$7.45	\$19.20	\$30.90	\$51.40	\$40.80/lb	\$37.20/lb
2896 Coccozelle Zucchini	\$2.95	\$7.65	\$20.60	\$32.70	\$52.50	\$45.00/lb	\$39.00/lb
2895 Costata Romanesco Zucchini	\$2.95	\$8.65	\$24.75	\$52.00	\$76.00	\$73.60/lb	\$68.96/lb
2900 Dark Green Zucchini	\$2.95	\$4.70	\$8.20	\$20.00	\$33.00	\$28.00/lb	\$23.56/lb
2916 Ronde de Nice Specialty	\$2.95	\$7.45	\$21.50	\$34.20	\$52.50	\$47.25/lb	\$40.80/lb
2908 Success PM Straightneck Summer	\$2.95	\$6.10	\$10.00	\$25.00	\$36.00	\$29.00/lb	\$26.40/lb
2910 Yellow Crookneck Summer	\$2.95	\$6.00	\$10.00	\$25.00	\$36.00	\$31.00/lb	\$26.00/lb

SUMMER SQUASH SEED - OPEN-POLLINATED - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2911 Dark Star Zucchini	\$3.95	\$9.25	\$19.00	\$61.00	\$47.00/M	\$39.00/M
2907 Midnight Lightning Zucchini	\$3.95	\$6.75	\$11.00	\$36.00	\$27.80/M	\$22.36/M

SUMMER SQUASH SEED - HYBRID - SOLD BY SEED COUNT

	10	50	250	1 M	5 M	25 M
2894 Cha-Ching F1 Zucchini	\$4.50	\$14.90	\$37.10	\$95.60	\$87.60/M	\$70.16/M
2897 Dario F1 Zucchini	\$4.65	\$16.50	\$38.50	\$105.00	\$95.00/M	\$87.00/M
2909 Desert F1 Zucchini	\$4.65	\$16.50	\$38.50	\$105.00	\$95.00/M	\$87.00/M
2892 Dunja F1 Zucchini	\$4.00	\$15.50	\$29.00	\$102.00	\$90.00/M	\$82.00/M
2891 G-Star F1 Specialty	\$6.50	\$21.00	\$40.00	\$125.00	\$108.00/M	\$99.96/M
2915 Goldy F1 Zucchini	\$7.60	\$27.30	\$62.00	\$175.00	\$135.00/M	\$118.00/M
2890 Green Machine F1 Zucchini	\$4.00	\$15.00	\$31.00	\$102.00	\$89.80/M	\$80.00/M
2906 Segev F1 Specialty	\$7.60	\$27.30	\$51.10	\$142.10	\$115.00/M	\$107.96/M
2914 Smooth Operator F1 Summer	\$3.95	\$10.00	\$27.00	\$78.00	\$57.00/M	\$40.60/M
2917 Y-Star F1 Specialty	\$7.30	\$17.00	\$40.00	\$127.50	\$99.70/M	\$86.50/M
2899 Yellowfin F1 Zucchini	\$7.30	\$17.00	\$40.00	\$127.50	\$99.70/M	\$86.50/M

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

Distinctive & Delicious: **HONEY BOAT**

Touted as "the sweetest squash in existence," Honey Boat lives up to its name. Plants produce reliably uniform fruits with an autumn-y, copper skin complemented by green stripes. We recommend it sliced and fried! Developed by Jim Baggett of Orgeon State University, we are thrilled to add Honey Boat to our organic winter squash selection.

- Vigorous plants grow in an easy-to-manage **upright habit**
- Exceptional **eating quality**—10-20% higher Brix levels than other Delicatas
- Unusual and **attractive copper-colored skin** with green stripes



Winter Squash

Cucurbita spp.

The High Mowing seed production crew transplanting Burgess Buttercup winter squash.

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: 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 • 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" tall and wide with a small interior 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 High Mowing's seed farm.

2920 Sweet REBA 90 days

OP • 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.

2921 Table Queen 92 days

OP • Stores well • 1.5-3 lbs

Very popular, vigorous acorn variety with prolific yields of delicious fruit. Flesh is thick and light orange with excellent flavor. Vigorous and prolific, can withstand poor soil conditions and keeps very well. Not as uniform or well-shaped as Sweet REBA, but higher overall yields. Compact 3-4' vines.



Sugarbush F1



Sweet REBA



Table Queen



Havana F1

BUTTERNUT - *C. moschata*

new 2949 Havana F1 90 days

HYBRID • PM tolerant • 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. Intermediate resistance to powdery mildew and zucchini yellow mosaic virus. 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.

2948 Tiana F1 95 days

HYBRID • Vigorous and productive • 2-2.5 lbs

The first available organic hybrid butternut! 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 New York and Oregon trials, showing strong resistance to mildew. Intermediate resistance to zucchini yellow mosaic virus.



Nutterbutter



Tiana F1



Waltham

Tiana F1

Nutterbutter

Honeynut



Waltham



Honeynut



Bush Delicata



Sugar Dumpling F1



Festival F1



Delicata



Honey Boat



Bagheera F1



Orange Summer F1



Red Kuri



Green Hokkaido

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 fruits 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 • .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.

DELICATA & DUMPLING - *C. pepo***2951 Bush Delicata** 80 days

OP • PM tolerant • 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 days

OP • HMOS EXCLUSIVE • 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 specifically 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 our farm in Hyde Park.

2953 Festival F1 90-100 days

HYBRID • Semi-bush habit • Stores well • 1-2 lbs

Delightful multi-colored squash with superior eating quality. Attractive personal-sized squashes topped our dumpling trials in both flavor and yield! Deeply ribbed and striped fruits with a wide, slightly rounded bottom. Flesh is peach-colored, similar to an acorn squash but with superior sweet flavor and texture.

2950 Delicata 95 days

OP • Uniform fruit • 1-1.5 lbs

Superbly sweet, tender flesh unique to Delicata. The only winter squash commonly eaten with skin on, after baking or boiling. Our strain has been selected since 2001 for uniformity of size, shape and color as well as yield of sweet, soft-shelled fruit.

new 2952 Honey Boat 100 days

OP • Exceptional flavor • 1-1.5 lbs

Taste Honey Boat and you'll think you're truly eating a spoonful of honey! Many claim that this refined Delicata is the "sweetest squash in existence." Long fruits have the traditional green striping of Delicatas, but with coppery skin instead of the classic yellow. Holds well and keeps its sweetness through storage. Developed by Oregon State University vegetable breeder Jim Baggett.

KURI/KABOCHA - *C. maxima***2947 Orange Summer F1** 90 days

HYBRID • Bush habit • 3-4 lbs

Vibrant tangerine color and great uniformity of size and shape. An improved Uchiki Kuri hybrid with early maturity and consistently higher yields than similar varieties. Fruits measure about 6.5" tall and wide. Field resistance to powdery mildew.

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 the outstanding winter squash breeding program of Dr. Brent Loy at University of New Hampshire.

new 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.

2960 Red Kuri 95 days

OP • Reliable in short seasons • 3-4 lbs

Teardrop shaped, striking red-orange squash from Japan. Also known as Baby Red Hubbard or Orange Hokkaido, this delectable variety has smooth, sweet, dry orange flesh. Very reliable yield even in cool climates with short growing seasons. Improved HMOS strain with greater uniformity than others.

OTHER

new 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. *C. pepo*

2945 Spaghetti 88 days

OP • Kid friendly • 3-5 lbs

Fork over the squash pasta! Oblong, medium-large sized light yellow fruits have very sweet flesh. Bake or boil this unusual vegetable and the flesh separates into long noodles resembling spaghetti. A fun treat for the family with kid friendly vegetable appeal—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 our seed 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. *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, improving the strain to better reflect its original characteristics. *C. maxima*

2827 Long Island Cheese 100 days

See Pumpkins, page 75.



Orangeti F1



Spaghetti



Burgess Buttercup



Baby Blue Hubbard



Long Island Cheese



Crown Pumpkin



Ornamental Gourd Mix

GOURDS - *C. pepo*

2923 Ornamental Gourd Mix 95 days

OP • Decorative • Fun for kids

A fun variety of shapes, colors and sizes just in time for fall festivities! Decorative mix of small sized gourds that are slightly earlier to mature than traditional gourd varieties.

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	\$7.80	\$13.65	\$41.40	\$65.00	\$55.00/lb	\$46.00/lb
2930 Burgess Buttercup	\$2.95	\$4.50	\$11.50	\$23.00	\$40.00	\$33.00/lb	\$28.36/lb
2951 Bush Delicata	\$2.95	\$7.00	\$19.25	\$65.00	\$118.00	\$97.00/lb	\$90.00/lb
2839 Crown Pumpkin	\$2.95	\$7.00	\$15.00	\$43.00	\$65.00	\$59.00/lb	\$56.00/lb
2950 Delicata	\$2.95	\$7.25	\$17.00	\$43.00	\$72.00	\$64.00/lb	\$58.00/lb
2935 Green Hokkaido Kuri	\$3.50	\$6.50	\$17.00	\$51.00	\$81.00	\$68.00/lb	\$58.00/lb
2952 Honey Boat Delicata	\$3.85	\$7.00	\$19.00	\$60.00	\$95.00	\$81.00/lb	\$70.00/lb
2942 Honeynut Butternut	\$3.85	\$7.00	\$19.00	\$60.00	\$95.00	\$81.00/lb	\$70.00/lb
2923 Ornamental Gourd Mix	\$2.95	\$4.50	\$10.00	\$23.10	\$37.80	\$35.70/lb	\$32.70/lb
2960 Red Kuri	\$2.95	\$6.50	\$15.00	\$35.00	\$50.00	\$44.00/lb	\$36.00/lb
2945 Spaghetti	\$2.95	\$4.50	\$13.00	\$35.00	\$51.00	\$45.00/lb	\$40.00/lb
2920 Sweet REBA Acorn	\$2.95	\$6.50	\$17.75	\$43.50	\$74.00	\$64.50/lb	\$54.00/lb
2921 Table Queen Acorn	\$2.95	\$6.90	\$18.70	\$38.00	\$54.90	\$47.00/lb	\$41.30/lb
2940 Waltham Butternut	\$2.95	\$4.50	\$11.50	\$23.00	\$40.00	\$33.00/lb	\$28.35/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	\$20.25	\$46.75	\$40.60/M	\$37.39/M	
WINTER SQUASH SEED - HYBRID - SOLD BY SEED COUNT	10	50	250	1 M	5 M	25 M	100 M
2946 Bagheera F1 Kabocha	\$4.95	\$12.25	\$25.50	\$81.00	\$69.00/M	\$63.00/M	\$58.00/M
2953 Festival F1 Dumpling	\$3.90	\$9.00	\$15.75	\$36.00	\$31.40/M	\$28.76/M	\$25.50/M
2949 Havana F1 Butternut	\$4.50	\$15.00	\$42.00	\$125.00	\$112.00/M	\$100.00/M	\$94.50/M
2947 Orange Summer F1 Kuri	\$5.15	\$19.15	\$49.00	\$132.00	\$126.00/M	\$123.00/M	\$119.75/M
2944 Orangeti F1 Spaghetti	\$5.00	\$16.00	\$45.00	\$130.00	\$119.00/M	\$114.00/M	\$105.00/M
2955 Sugar Dumpling F1 Dumpling	\$3.25	\$9.00	\$21.00	\$68.00	\$57.00/M	\$44.00/M	\$41.00/M
2926 Sugarbush F1 Acorn	\$4.65	\$11.50	\$24.00	\$80.00	\$68.00/M	\$62.40/M	\$57.50/M
2948 Tiana F1 Butternut	\$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, Katie and Taylor harvesting greenhouse tomatoes to evaluate for size, yield and fruit quality.

CULTURAL INFO: Days to maturity are from transplant. Tomatoes are warm-season tender annuals in the Solanaceae family. Indeterminate varieties 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 at 95% relative humidity.

DISEASE & PESTS: Early blight, problematic in the Northeast, Mid-Atlantic, and Midwest, 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 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: ASC-*Alternaria Stem Canker*, CR-*Corky Root*, EB-*Early Blight*, FCR-*Fusarium Crown & Root Rot*, FW-*Fusarium Wilt*, LB-*Late Blight*, LM-*Leaf Mold*, PM-*Powdery Mildew*, NEM-*Root Knot Nematodes*, SLS-*Septoria Leaf Spot*, TMV-*Tobacco Mosaic Virus*, TNSV-*Tomato Necrotic Stunt Virus*, TSWV-*Tomato Spotted Wilt Virus*, TYLCV-*Tomato Yellow Leaf Curl Virus*, VW-*Verticillium Wilt*

SEED SPECS: Cherry & Saladette, 280-420 (350 avg) seeds/gram, 8-12M (10M avg) seeds/oz. Full size, 225-335 (280avg) 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.

TOMATOES



Cherokee Purple



Pruden's Purple



Damsel F1



German Johnson



Skyway 687 F1

BEEFSTEAK - 12-16 oz

3052 Cherokee Purple 72 days

HEIRLOOM • Indeterminate • Field or greenhouse • 12-16 oz

Large beefsteak fruits with mauve-purple skin, green shoulders and red flesh.

The most popular of the "black" tomatoes for its outstanding flavor and texture. Widely grown by gardeners and market growers alike. A popular heirloom for the greenhouse. Believed to trace back over 100 years to the Cherokee tribe.

3090 Pruden's Purple 72 days

HEIRLOOM • Indeterminate • 12-16 oz

Rivals Brandywine as the best flavored heirloom tomato with silky texture.

Pruden's is not really purple, but rather a deep pink with slight shoulder ribbing. Fruits are large, often close to 1 lb each, but smaller and with a more refined fruit shape than Brandywine and without the hard core. Plants have potato-shaped leaves.

3008 Damsel F1 73 days

HYBRID • LB, NEM, VW • Indeterminate • Field or greenhouse • 12 oz

Heirloom color and flavor in a late blight resistant pink tomato! Our customers across many regions have been consistently impressed with the flavor of this tomato and as a strong seller at markets. We feel confident this variety represents that Holy Grail- performing like a hybrid but tasting 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.

3063 German Johnson 75 days

OP • Indeterminate • 8-16 oz

Deep pink Brandywine-type fruits with excellent flavor on vigorous, high yielding plants. A standout in our trials! Medium sized fruits with rich tomato flavor and tender, smooth texture. Earlier, more uniform, higher yielding and slightly smaller than Brandywine.

3007 Skyway 687 F1 78 days

HYBRID • FW (0, 1, 2), VW • Semi-determinate • Heat tolerant • 12 oz

Our first heat-set field tomato! Heavy, high quality field tomatoes with good flavor for vine ripening on vigorous, semi-determinate plants. Particularly well adapted to organic conditions in the Southeastern U.S., setting fruit well over 90°F and offering strong virus and nematode resistance. Prune ground suckers early in the season. Tolerant of bacterial spot, with intermediate resistance to root knot nematodes, tomato yellow leaf curl virus and tomato spotted wilt virus.

3171 **Caiman F1** 80 days

GREENHOUSE • **LM, FW, TMV, TSW, VVW** • 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. Intermediate resistance to root knot nematodes.

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 foliage.

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.

MIDSIZE - 4-12 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.

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.

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.

3173 **Roni F1** 70 days

GREENHOUSE • **FCR, TMV, VW** • Indeterminate • 4 oz

Perfectly uniform, round slicing tomato with excellent flavor! Roni F1 is consistently a standout in our greenhouse tomato trials for well-balanced flavor that achieves that perfect harmony of acid and sweetness. A go-to greenhouse performer for many growers!

3062 **Iron Lady F1** 75 days

HYBRID • **EB, FW (1,2), LB, SLS, VVW** • 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.



Caiman F1



Brandywine



Yellow Brandywine



Copia



Moskvich



Crimson Sprinter



Cosmonaut Volkov



Indigo Apple



Mountain Princess



Iron Lady F1



Roni F1



Rose de Berne



Rutgers



Green Zebra



Lola F1



Sunkist F1



Arbason F1



Medford



Tang



Glacier



Red Racer F1



Yellow Perfection



Blush

3056 Rose de Berne 75 days

HEIRLOOM • Indeterminate • Resists cracking • 4-8 oz

Dark rose-pink hue and well-loved heirloom flavor that is a perfect blend of sweet and tart. Tops our tomato taste tests. Round fruits with meaty flesh perfect for slicing. Soft skinned, but not overly fragile and holds up well against cracking.

3105 Rutgers 75 days

OP • **FW (1), VW** • Determinate • 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.

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 • **FW (1,2), TMV** • 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.

3165 Sunkist F1 78 days

HYBRID • HMOS EXCLUSIVE • **FW, VW** • Indeterminate • 8-10 oz

Finally, an orange slicer as sweet as the reds! 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.

3102 Arbason F1 80 days

GREENHOUSE • **FW (0,1), VW, TMV** • 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 Vitalis Organic Seeds.

3076 Medford 80 days

OP • **FW (1), VW** • Determinate • Good leaf cover • 8 oz

Big, round, crack-resistant field tomatoes with good disease resistance. Perfectly rounded, solid uniform fruits with rich tomato flavor prized by Oregon growers. Plants have good leaf cover and prefer a cage rather than being staked or trellised. Bred by the late Dr. Tex Frazier of Oregon State University. *Limited availability.*

3057 Tang 85 days

OP • HMOS EXCLUSIVE • Indeterminate • Drought tolerant • 8-10 oz

Drought tolerant, flavorful orange slicer packed with beta carotene for a nutritional boost. A tasty improved open-pollinated variety perfect for dry farming and the Southwest! A bit later than Sunkist F1 with slightly smaller size and darker orange color. From the same orange field tomato breeding program as Sunkist F1 at the University of New Hampshire.

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.

new 3009 Red Racer F1 57 days

HYBRID • **FW, NEM, TMV, VW** • Determinate • 2-3 oz

Don't be fooled by these compact plants with cocktail-sized fruits – Red Racer has been declared "small in size but big in taste!" An All-American 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.

3170 Yellow Perfection 70 days

HEIRLOOM • Indeterminate • Prolific • 2-3 oz

Small yellow fruits with sensational flavor! The top ranked open-pollinated yellow tomato in our trials. Round fruits average 1.5-2". One of the first to set fruit with heavy yields through late summer. Thin skin; pick early to avoid cracking. Potato-leaf foliage.

2979 Blush 75 days

OP • Indeterminate • 2" fruit

Elongated sunset-colored variety widely sought for its exceptionally sweet, juicy, tropical flavor. Beloved by chefs for their artistic coloring, excellent flavor and ease of slicing. Prolific fruits are ripe when a pink blush appears over the golden yellow skin; ripens off the vine without compromising flavor. Artisan™ tomatoes were developed by Baia Nicchia Farm in Sunol, California.

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 in salads or 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! From the Wild Boar series; bred by famer/breeder Brad Gates. Offers great performance in the challenging climates of northern California.

3058 **Indigo Rose** 75-80 days

OP • Semi-determinate • Good container variety • 2-2.5 oz

Stunning edible and ornamental jet-black tomato with purple-tinged foliage. Clusters of 6-8 firm glossy fruits shine like ornaments from these gorgeous plants. Allow fruits to fully ripen for complex aromatic flavor; fruits are usually ready later in the season when they turn from shiny black to matte purple. Vigorous and disease resistant. Bred by Dr. Jim Myers through the high-flavonoid breeding program at Oregon State University. PVP.

3054 **Wapsipinicon Peach** 80 days

HEIRLOOM • Indeterminate • Disease resistant • 2 oz

Vigorous and prolific sweet novelty with fuzzy skin. Slightly fuzzy pale yellow skin and fruity, balanced flavor. Firm fruits have a blush tint when ripe and hold well on and off the vine. Named by Dennis Schlicht after the Wapsipinicon River in northeast Iowa. Outperformed Garden Peach in our trials. Field blight resistance. *Limited availability.*

CHERRY / GRAPE - 1/4-2 oz

2970 **Matt's Wild** 55 days

OP • **EB** • 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 • **FW (0), TMV** • Indeterminate • Field or greenhouse • Truss harvest • .5 oz

Santa-type red grape tomato with sweet-as-candy flavor. One of our first cherry tomatoes to ripen and also one of the last, with 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 • **LM (1-5), FW (0,1), TMV** • Indeterminate • Truss harvest • .75 oz

Orange cherry with sensational juicy, sweet flavor. Finally an organic rival for the beloved Sungold F1! A medium sized orange cherry with slightly thicker skin than Sungold F1. Perfect for high tunnels but tends to crack in the field if not harvested regularly. Showed good field tolerance to late blight in our trials.

3006 **Bartelly F1** 60 days

GREENHOUSE • **LM (1-5), TMV** • Indeterminate • Truss harvest • .75 oz

Delicious, disease resistant cherries for unheated greenhouses and high tunnels, but also performs well in the field. Knocks 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 with strong resistance to tobacco mosaic virus and leaf mold. From our partners at DeBolster Organic Seeds.

2981 **Esterina F1** 60 days

HYBRID • **TMV, VW** • Indeterminate • Resists cracking • Truss harvest • .5-1 oz

A star in our trials with additive sweetness and good disease resistance. An excellent organic alternative to Sungold F1, with sweeter flavor; excellent crack resistance and brighter yellow color. Strong disease resistance makes this variety a versatile standout.

2977 **Gold Nugget** 60 days

OP • Determinate • Resists cracking • Suitable for truss harvest • 1 oz

Bright yellow cherries produce early and abundantly on compact plants. One inch fruits are juicy with mild, non-acidic flavor. Skin is thinner than similar varieties in our trials, yet more resistant to cracking. Developed by Dr. James Baggett at Oregon State University.

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.



Jaune Flamme



Pink Boar



Wapsipinicon Peach



Indigo Rose



Matt's Wild



Montesino F1



Toronjina F1



Bartelly F1



Esterina F1



Black Cherry



Gold Nugget



Bing



Sweetie



Pink Bumblebee



Purple Bumblebee



Sunrise Bumblebee



Red Pear



Yellow Pear



Sakura F1



Peacevine



Bellstar



Roma VF



Granadero F1

2972 Bing 65 days

OP • BRED BY HIGH MOWING • Indeterminate • Exceptional flavor • .5-l oz
Earned an accelerated release from our breeding program for its exceptional rich flavor. What sets Bing apart is that every single plant has exceptional flavor, not only the occasional one. One of our customers who sold it as seedlings said every customer the next year wanted nothing but Bing cherry plants! Fruity and sweet with perfectly balanced acid, in clusters of 1" fruit. Does best in hot and dry conditions, as the thinner skin will crack with sudden rains. Harvest more frequently in wetter conditions.

2975 Sweetie 65 days

OP • Indeterminate • Vigorous • .5-l 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!

2986 Pink Bumblebee 70 days

OP • Indeterminate • .7-l oz
Strikingly pretty rose-colored fruits with gold striping. Juicy and sweet with rich flavor perfect with basil and mozzarella. Versatile in the kitchen and sure to be a hit at CSAs and markets! Resists cracking; well suited to field or greenhouse culture. Artisan™ tomatoes come from Baia Nicchia Farm in Sunol, California. PVPAF.

2987 Purple Bumblebee 70 days

OP • Indeterminate • .7-l oz
Lovely burgundy fruits with olive green stripes and superb rich flavor. Incredibly pretty with other Artisan™ tomatoes in mixed pints - an instant hit at CSAs and markets. Versatile in the kitchen; great for fresh eating. Resists cracking; well suited to field or greenhouse culture. An Artisan™ variety. PVPAF. *Limited availability.*

2988 Sunrise Bumblebee 70 days

OP • Indeterminate • .7-l 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. Irresistible with Purple and Pink Bumblebees in mixed pints. Resists cracking; well suited to field or greenhouse culture. Another excellent Artisan™ variety. PVPAF.

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.

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 • **FW (0,1), LM (1-5), TMV** • 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 more trusses (10-12 fruits/truss) than Suzanne F1. Intermediate resistance to several species of root knot nematode.

2980 Peacevine 78 days

OP • Indeterminate • Resists cracking • .5-l 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

3021 Bellstar 65 days

OP • Determinate • Compact habit • 4-5 oz
Dwarf, early variety perfect for short seasons and concentrated harvests. Plants are covered with round fruit measuring 2-2.5" in diameter. Smooth, fleshy interior is great for sauce, processing or slicing for fresh eating. Stems are jointless, leaving behind the flower calyx for ease of harvest. Resists cracking. Great for containers!

3043 Roma VF 65 days

OP • **ASC, FW, VW** • 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. *Limited availability in 2018.*

3172 Granadero F1 73 days

HYBRID • **FW, PM, TMV, VW** • Indeterminate • 4-5 oz
High yielding and perfectly shaped plum tomato with a disease resistant punch! Unblemished and uniform with oval shape, smooth skin and bright red color. Best variety for heavy yields of sauce tomatoes. Performs well in open field, unheated tunnel or heated greenhouse. Intermediate resistance to root knot nematode and tomato spotted wilt virus.

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 • FCR, FW (0,1,2), LM, TMV, VW

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. Intermediate resistance to root knot nematodes and tomato spotted wilt virus.

2991 Fortamino F1

HYBRID • FCR, FW (0-2), LM, TMV, VW

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. Intermediate resistance tomato spotted wilt virus, root knot nematodes and corky root.

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.



Amish Paste



San Marzano



Gilbertie



Toma Verde Tomatillo



Goldie Ground Cherry



Purple Tomatillo



Side Grafting Clips



Top Grafting Clips



Trellis Clips

GRAFTING CLIPS - SOLD BY COUNT

	10	25	100
94938 Side Grafting Clips	\$2.50	\$5.00	\$15.00
94928 Top Grafting Clips - 1.5mm	\$2.00	\$3.50	\$8.00
94929 Top Grafting Clips - 2mm	\$2.25	\$4.00	\$9.00
TRELLIS CLIPS - SOLD BY COUNT			
	100	500	1 M
94925 Trellis Clips	\$9.25	\$25.50	\$130.00

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	\$13.20	\$22.50	\$60.50	\$200.00
	3053 Copia	\$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	\$48.00	\$133.00
	3055 Yellow Brandywine	\$2.95	\$7.50	\$14.25	\$24.50	\$53.75	\$187.50
	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
MIDSIZE	3065 Green Zebra	\$2.95	\$4.10	\$6.80	\$15.80	\$47.30	\$139.70
	3076 Medford	\$2.95	\$5.80	\$11.00	\$18.90	\$50.40	\$168.00
	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
	3105 Rutgers	\$2.95	\$5.30	\$8.80	\$20.50	\$61.40	\$181.00
	3057 Tang	\$2.95	\$6.50	\$15.00	\$45.00	\$85.00	\$220.00
	3140 Glacier	\$2.95	\$8.70	\$17.40	\$44.00	\$75.60	\$252.00
SALADETTE	2974 Jaune Flamme	\$2.95	\$7.00	\$15.95	\$42.00	\$70.00	\$200.65
	3054 Wapsipinicon Peach	\$2.95	\$6.00	\$13.65	\$32.00	\$78.00	\$200.00
	3170 Yellow Perfection	\$2.95	\$5.80	\$11.00	\$18.90	\$50.40	\$168.00
	2972 Bing	\$2.95	\$6.75	\$15.50	\$40.50	\$68.00	\$195.00
CHERRY	3004 Black Cherry	\$2.95	\$4.45	\$7.35	\$17.20	\$51.60	\$152.40
	2977 Gold Nugget	\$2.95	\$4.25	\$9.75	\$25.50	\$60.00	\$165.00
	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
	3020 Amish	\$2.95	\$7.50	\$14.30	\$24.50	\$65.50	\$218.00
PASTE	3021 Bellstar	\$2.95	\$6.00	\$13.65	\$32.00	\$78.00	\$200.00
	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 Cherry	\$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	\$11.50	\$33.50	\$98.50
TOMATO SEED - OPEN-POLLINATED - SOLD BY SEED COUNT		10	25	100	500	1 M	5 M
MS	3064 Indigo Apple	\$2.95	\$4.00	\$9.00	\$28.00	\$46.00	\$37.80/M
	2979 Blush	\$2.95	\$3.75	\$6.00	\$20.00	\$35.00	\$30.00/M
	3058 Indigo Rose	\$2.95	\$4.50	\$10.25	\$32.00	\$52.50	\$43.20/M
	3059 Pink Boar	\$2.95	\$3.50	\$5.00	\$13.50	\$19.00	\$17.60/M
CHERRY	2986 Pink Bumblebee	\$2.95	\$4.00	\$9.00	\$28.00	\$46.00	\$37.80/M
	2987 Purple Bumblebee	\$2.95	\$4.00	\$9.00	\$28.00	\$46.00	\$37.80/M
	2988 Sunrise Bumblebee	\$2.95	\$4.00	\$9.00	\$28.00	\$46.00	\$37.80/M
TOMATO SEED - HYBRID - SOLD BY SEED COUNT		10	25	100	500	1 M	5 M
BS	3171 Caiman F1	\$8.70	\$17.00	\$49.00	\$165.00	\$275.00	\$219.00/M
	3008 Damsel F1	\$7.00	\$12.00	\$32.00	\$135.00	\$250.00	\$230.00/M
	3007 Skyway 687 F1	\$4.95	\$7.25	\$17.50	\$72.00	\$129.00	\$107.00/M
MIDSIZE	3102 Arbason F1	\$6.00	\$9.20	\$24.00	\$95.00	\$175.00	\$173.80/M
	3062 Iron Lady F1	\$3.95	\$6.25	\$20.40	\$73.65	\$123.55	\$99.50/M
	3101 Lola F1	\$5.40	\$8.25	\$21.25	\$75.00	\$135.00	\$97.80/M
	3173 Roni F1	\$4.60	\$7.20	\$21.00	\$73.50	\$120.00	\$97.80/M
	3165 Sunkist F1	\$2.95	\$4.00	\$11.00	\$40.00	\$70.00	\$60.00/M
SD	3009 Red Racer F1	\$6.20	\$9.50	\$28.40	\$105.00	\$198.00	\$188.00/M
	3006 Bartelly F1	\$8.70	\$18.00	\$62.50	\$265.00	\$514.50	\$499.00/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	\$94.00	\$177.00	\$160.00/M
	2971 Toronjina F1	\$7.50	\$14.00	\$45.00	\$200.00	\$350.00	\$300.00/M
P	3172 Granadero F1	\$8.70	\$14.00	\$25.85	\$90.00	\$170.00	\$159.00/M
RS	2990 Estamino F1 Rootstock	\$9.75	\$12.75	\$36.00	\$165.00	\$290.00	\$266.00/M
	2991 Fortamino F1 Rootstock	\$9.75	\$12.75	\$36.00	\$165.00	\$290.00	\$266.00/M

Larger volumes available; please call for pricing.

Turnips & other roots

Monique harvesting Tokyo Market turnips.

CULTURAL INFO: Days to maturity are from direct seeding. Turnips are a cold hardy biennial grown as an annual crop. Some varieties can be grown in the spring while others prefer the late summer and fall. Turnips are commonly grown for their roots but some are also grown for their 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 long storage, harvest before hard frost. Use gloves when handling parsnips as foliage may provoke an allergic reaction. 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.

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*

3183 Des Vertus Marteau 35 days

HEIRLOOM • Fresh eating • 4-6" roots

Sweet, mild, crisp flavor and unique shape excellent for salads and crudités. Creamy cylindrical roots were a standout in our fresh market turnip trials. The name translates poetically to "Hammer of Virtue." Dates back to 1800s Vertus, a city in northeast France.

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!

3184 Scarlet Ohno Revival 50 days

OP • 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 best 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.



Des Vertus Marteau



Tokyo Market



Hinona Kabu



Scarlet Ohno Revival



Golden Globe



Purple Top White Globe



Joan Rutabaga



Halblange Parsnip



Lancer Parsnip

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 2015 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 & ROOTS SEED - OPEN POLLINATED - SOLD BY SEED WEIGHT

	1/32 oz	1/8 oz	2 oz	1 lb	5 lb	25 lb*
3183 Des Vertus Marteau Turnip	\$2.95	\$4.50	\$16.00	\$68.00	\$45.00/lb	\$34.00/lb
3186 Golden Globe Turnip	\$2.95	\$3.95	\$12.00	\$45.00	\$37.00/lb	\$25.00/lb
3188 Halblange Parsnip	\$2.95	\$5.50	\$34.25	\$140.00	\$110.00/lb	\$102.00/lb
3190 Hinona Kabu Turnip	\$2.95	\$5.25	\$28.00	\$114.00	\$95.00/lb	\$70.00/lb
3187 Joan Rutabaga	\$2.95	\$6.60	\$26.00	\$108.80	\$102.40/lb	\$92.00/lb
3189 Lancer Parsnip	\$2.95	\$5.00	\$34.25	\$140.00	\$110.00/lb	\$102.00/lb
3185 Purple Top White Globe Turnip	\$2.95	\$3.75	\$4.50	\$13.20	\$9.60/lb	\$9.40/lb
3184 Scarlet Ohno Revival Turnip	\$2.95	\$7.05	\$36.20	\$167.50	\$143.50/lb	\$124.50/lb
3191 Tokyo Market Turnip	\$2.95	\$5.25	\$28.00	\$114.00	\$95.00/lb	\$70.00/lb

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

Watermelon

Citrullus lanatus

High Mowing staff members participate in a watermelon taste test as part of our trials program.

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 watermelon darkens, ground spot turns yellow, blossom end softens slightly and tendril next to the stem is dry.

DISEASE & PESTS: Due to the prevalence and severity of Bacterial Fruit Blotch (BFB), *Acidovorax avenae* subsp. *citrull*, customers wishing to purchase over ¼ ounce of watermelon

seed must 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.



Baby Doll F1



Sugar Baby

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 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 • 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 • 4-10 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!

3230 **Triple Crown F1** 82 days

HYBRID • Triploid • High yielding • 15-18 lbs

Seedless melon with sweet, bright red flesh and dark green striping. High yields of oval to oblong fruit with fine-grained, crisp texture. Seedless (triploid) watermelons require a normal (diploid) variety as a pollen source; interplant every 3-5 plants in row. Diploid Sugar Baby seeds included. Use heat mat for optimal germination.

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, sweet flesh. The highest Brix (sugar) reading of any variety in our trials, with fruits averaging 10" long.

3201 **OrangeGlo** 90 days

OP • Resists splitting • 20-25 lbs

Beautiful melon with very crisp, sweet and tropical orange flesh. Good yields of large melons with dark green stripes, a thin outer shell, and orange flesh with sugary, bright tropical flavor. A clear winner in our orange watermelon taste tests! Seeds are white at maturity. Thin rinds; handle with care.

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 the 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!



Blacktail Mountain



Tom F1



Triple Crown F1



Crimson Sweet



Klondike Blue



OrangeGlo



Moon and Stars



Ali Baba

Why We
GROW

“ I am motivated by the exponential power of seeds. High Mowing's commitment to organic seeds is promoting a safe and healthy agricultural system. **-Stephen, Seed Production** More on p. 56. ”

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	\$8.00	\$16.00	\$48.50	\$96.00	\$90.00/lb
3205 Crimson Sweet	\$2.95	\$5.80	\$7.00	\$14.00	\$35.00	\$29.80/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	\$90.00/lb
3201 OrangeGlo	\$2.95	\$7.90	\$16.50	\$52.00	\$141.80	\$120.00/lb
3200 Sugar Baby	\$2.95	\$4.50	\$5.30	\$12.00	\$28.50	\$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	\$7.75	\$11.00	\$35.25	\$49.50	\$41.60/M	\$35.60/M
3235 Tom F1	\$5.25	\$13.25	\$22.00	\$96.00	\$170.00	\$150.00/M	\$136.00/M
3230 Triple Crown F1	\$8.70	\$40.85	\$71.75	\$237.00	\$440.00	\$408.00/M	\$377.00/M

Larger volumes available; please call for pricing.

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

Herbs

Potted basil plants for wholesale at Shenandoah Growers.

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 Fl basil, resistant to Fusarium wilt and slow to bolt, and Eleonora basil with downey 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.

HERBS



Greek



Lemon



Sweet Thai



Cinnamon



Elidia



Eleonora

BASIL - *Ocimum basilicum*

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: **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.

Captured our hearts with the cutest, most uniformly rounded habit of any mini basil in our 2015 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.

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.

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.

5001 **Cinnamon** 65 days

OP • Compact habit • Suitable for containers

Emerald green leaves with beautiful purple stems and intoxicating aroma.

Intensely flavorful, richly aromatic leaves are wonderful in Thai and Vietnamese recipes or dried. Delicate, fragrant pink flowers attract bees and are beautiful in arrangements. Average height is 12". 17M seeds/oz.

5004 **Elidia** 65 days

OP • Slow to bolt • Compact habit • Ideal for containers

Compact, high yielding plants with strong disease resistance. Large, shiny dark green leaves on thick, sturdy stems with short internodes; shorter than Keira. Well suited to containers and field production, with intermediate resistance to Fusarium. High yielding and very slow to bolt. From our partners at Vitalis Organic Seeds. 18M seeds/oz.

5002 **Eleonora** 65 days

OP • Disease resistant • Upright habit

Growers rejoice! The first organically available "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 our partners at Vitalis Organic Seeds. 18M seeds/oz.

Interested in steam treated basil seed for greater disease control? Read more about steam treatment on p. 19

Call us to find out more. 866-735-4454

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.



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.

5030 **Sweet** 65 days

OP • Excellent for processing • Versatile • Field or containers

Traditional Italian favorite used fresh, in vinegars and as the main ingredient for pesto. This very popular and heavy yielding variety produces large aromatic leaves that delight the taste buds as well as the nose. Leaves are deep green and slightly cupped. Average height is 10-12". 28M seeds/oz.



Genovese



Sweet

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.

5003 **Keira** 68 days

OP • Ships and stores well • Cold tolerant

The first available organic Genovese-type bred to tolerate colder temperatures post harvest to facilitate longer shipping times! Medium sized, shiny dark green leaves with nice cupping have excellent shelf life, taking much longer to turn black in refrigeration than standard varieties. Suitable for shipping longer distances. Field or container production. Not as bolt tolerant. From our partners at Vitalis Organic Seeds. 18M seeds/oz.



Aroma 2 F1



Keira

5036 **Aroma 2 F1** 70 days

HYBRID • 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. Average height is 20-24" tall. Superior characteristics to replace Aroma I. From our partners at Genesis Seeds. 18.5M seeds/oz.

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*



Italian Large Leaf



Sacred

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. A great selection for pesto and Italian cuisine, perfect for when you need a large amount of basil on hand. Sweeter fragrance and flavor than Genovese. Large plants reach 24-30" tall. 18M seeds/oz.

CATNIP - *Nepeta cataria*

6010 **Catnip** 80 days

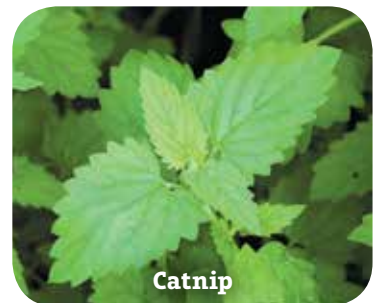
OP • Medicinal and ornamental • Tea plant • Perennial

Beloved by cats but also an ornamental and medicinal with relaxing properties.

Dry leaves for a year-round cat treat, leaving flowers as a treat 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.



German Chamomile



Catnip

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.

CHERVIL - *Anthriscus cerefolium*

1941 **Brussels Winter Chervil** 18 days micro, 40 baby, 60 full size

OP • Gourmet specialty • Very cold tolerant

Winter hardy flat, lacy leaves with anise-parsley flavor for early salad greens. Strongly resembles parsley and often called gourmet parsley. A classic French *herbes fines* and European standard. Direct seed in early spring for summer crop or fall for spring crop. Sow seeds 1" deep. Grow as baby leaf or full size using 6 seeds/ft in rows 12-18" apart. 13M seeds/oz.



Brussels Winter Chervil



Chives



Garlic Chives



Caribe



Santo



Bouquet



Greensleeves



Lemon Balm



Sweet Marjoram

Why We GROW

“I appreciate that High Mowing pushes the envelope for organic seed and has led the way for the industry. With organic seed, we're helping revitalize local economies.”
—Adam, Seed Packing and Inventory More on p. 56.

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. 6.25M seeds/oz. *Allium schoenoprasum*

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. *Allium tuberosum*

CILANTRO - *Coriandrum sativum*

CULTURAL INFO: Days to maturity are from direct seeding. An easy-to-grow annual often used in Mexican, Asian and Mediterranean cooking. Coriander, another commonly used spice, is produced from the seeds. Cilantro prefers direct sun and is tolerant of cool conditions. Direct sow spring into fall. M=1,000.

5051 Caribe 55 days

OP • Good greenhouse crop • Bolt tolerant

Dense bunches of aromatic dark green leaves on long-standing, bolt tolerant plants.

Compared to Santo, Caribe has a slightly thinner stem, higher vigor and seed emergence and better bolt tolerance in the field. A great choice for greenhouse growers, or anyone who wants a long-standing cilantro. From our partners at Bejo Seeds. 2.2M seeds/oz.

5050 Santo 55 days leaf, 95 seed

OP • Upright habit • Fast growing

The commercial standard for field bunching. Very bolt resistant variety with good flavor and excellent upright habit for easy harvesting. Fast growing variety great for cut-and-come-again. Bred by Alf Christenson. 2.2M seeds/oz.

DILL - *Anethum graveolens*

5044 Greensleeves 45 days

OP • Slow to bolt • Good container variety

A compact, high yielding dill for leaf production. Slow to bolt; ideal for leaf production over a long harvest window. Excellent for market growers and planting in containers. Dark green leaves are aromatic and pleasingly sweet eaten fresh or dried. 15M seeds/oz.

5060 Bouquet 45-55 days leaf, 95 seed

OP • Great for pickling • 30" tall

The most widely grown organic dill for fresh eating, flowers and seed heads. A versatile, early maturing variety used for fresh leaves, seedhead production and cut flowers. Produces seed heads well ahead of others and right in time for summer pickles. Flowering umbels average 6" wide. 15M seeds/oz.

LEMON BALM - *Melissa officinalis*

6090 Lemon Balm 70 days to flower

OP • Attracts bees • Vigorous spreading habit • Perennial

Strongly aromatic herb with lemony fragrance and excellent medicinal and culinary qualities. Shiny green leaves on full plants up to 2' tall. Harvest before flowering as leaf quality declines as flower stalks mature. Start transplants 6-8 weeks before last frost, seeds 1/4" deep; transplant seedlings 18" apart or direct sow after all danger of frost is past. 45M seeds/oz.

MARJORAM - *Origanum majorana*

5090 Sweet Marjoram 85 days to flower

OP • Good container plant • Tender perennial

A mild, sweet relative of oregano excellent fresh or dried; essential for pizza sauce! Can be overwintered outdoors successfully or potted up in fall for fresh herbs all winter. Easy to dry, just harvest stems and hang in bundles. Leaves can be easily stripped off when dry. 120M seeds/oz.

MINT - *Agastache rugosa*

new 6050 **Superior Licorice Mint** 80 days

OP • Aromatic • Medicinal • Attracts pollinators

Large mint-anise flavored leaves bluish purple and are preferred for use in Korean cuisine. Plants are erect, sturdy and compact, growing in clumps instead of spreading by runners or self-sowing. Flowering stage produces beautiful purple spikes that are irresistible to pollinators. Cut flowers hold their color and smell when dried. Hardy perennial cousin of Anise Hyssop. 72M seeds/oz.

OREGANO - *Origanum heracleoticum*

5106 **Greek Oregano** 80 days

OP • Excellent fresh or dried • Hardy perennial

Excellent culinary oregano with pungent, mouth-watering fragrance and flavor. This is the traditional full-flavored oregano for pizza and tomato sauces. Low growing plants have slightly furry dark green leaves with white flowers. Easy to dry, just harvest stems and hang in bundles. 300M seeds/oz.

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, soups and salads. Excellent for freezing, drying and fresh eating. From our friends at Sakata Seed. 12.5M seeds/oz.

5120 **Moss Curled II** 75 days

OP • Great fresh • 10" tall

Standard early variety with rapid regrowth and excellent uniformity. The leaves are deeply cut and very tightly curled, resembling verdant forest moss. Curled leaf parsley is a more subtle seasoning than Italian flat leaf and makes for an attractive, nutritious garnish. 20M seeds/oz.

5109 **Peione** 75 days

OP • **Intermediate DM** • Bolt tolerant • Container or field

Vigorous, high yielding flat leaf with intermediate downy mildew resistance! A Gigante D'Italia-type with extra large, dark green glossy leaves and mild, sweet flavor. Plants are highly uniform and early to mature with thick, sturdy stems. High yielding with strong regrowth suitable for containers, fresh market bunching or processing. Performs best with selective cutting rather than harvesting of the entire plant. 16M seeds/oz.

5107 **Wega** 75 days

OP • Double moss curled • Container or field production • Upright habit

A refined curly parsley with excellent uniformity and upright habit. Finely cut and curled, dark green leaves with mild flavor on sturdy, upright stems. One of the most attractive curly varieties we've seen, with lots of branching and an excellent upright habit for ease of harvest. Produces a uniform stand great for selective or mechanical harvest. Versatile and well suited to containers as well as field production for fresh market or processing. 16.5M 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, meat dishes, gravies and stuffing. Sturdy, woody stems can be used as ornamental branches in floral wreaths. Beautiful lavender flowers in summer. 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.



Superior Licorice Mint



Greek Oregano



Giant Italian



Italian Flat Leaf



Moss Curled II



Peione



Wega



Fanni Common Sage



Summer Savory



Sorrel



Thyme



Candy Stevia

SORREL - *Rumex acetosa*2497 **Sorrel** 45 days baby

OP • Gourmet ingredient • Perennial

Lemony, tangy leafy greens delicious in soups and stews, in salad, or as a braising green. Bright green, slender leaves up to 8" with long stems. Excellent overwintered gourmet spring green. Can be spring sown but better in fall for harvest in early spring, when leaves are most tender and mild. 34M seeds/oz.

STEVIA - *Stevia rebaudiana*6030 **Candy® Stevia** 100 days

OP • Great in containers • Tender perennial

Grow your own sweetener! Close to 300 times sweeter than sugar, this herbal alternative can be used fresh or dried, as a powder or a liquid. A tender perennial that can winter outside in zones 9 – 11 or be brought inside in pots to keep for winter use in colder climates. Bushy plants with strong yields of dried leaves. Transplant outdoors in spring after low temperatures are above 45°F. From our partners at Genesis Seeds. 75M seeds/oz.

THYME - *Thymus vulgaris*5140 **Thyme** 90 days

OP • Attracts bees • Perennial

Tiny aromatic leaves cover slender woody stalks ending in sweet white flowers. Makes a beautiful low-growing border along herb and flower beds, growing only 6-10" high. A versatile culinary staple. Our strain is hardy to Zone 4. 99M seeds/oz.

HERB SEED - 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	\$4.40	\$8.80	\$15.20	\$18.40	\$16.80/lb	\$15.20/lb	\$14.50/lb
1941 Brussels Winter Chervil		\$2.95	\$5.00	\$8.50	\$17.50	\$25.00	\$41.00	\$33.00/lb		
5051 Caribe Cilantro			\$2.95	\$6.10	\$11.80	\$38.00	\$62.00	\$57.00/lb	\$44.00/lb	\$35.00/lb
6010 Catnip	\$2.95		\$6.95	\$9.95	\$23.00	\$84.00	\$156.50	\$145.80/lb	\$135.80/lb	
5040 Chives		\$2.95	\$4.35	\$10.00	\$24.00	\$75.00	\$132.00	\$123.80/lb	\$115.00/lb	
5001 Cinnamon Basil		\$2.95	\$3.60	\$6.30	\$17.90	\$50.00	\$82.00	\$77.00/lb	\$71.00/lb	
5130 Fanni Common Sage		\$2.95	\$8.00	\$12.40	\$39.50	\$89.50	\$170.00	\$157.00/lb	\$144.00/lb	
5080 Garlic Chives		\$2.95	\$4.00	\$9.00	\$21.00	\$55.00	\$85.00	\$79.00/lb	\$74.60/lb	
5000 Genovese Basil		\$2.95	\$3.50	\$4.50	\$7.50	\$23.10	\$36.50	\$32.00/lb	\$27.56/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	\$7.00	\$13.50	\$28.00	\$40.00	\$37.00/lb	\$34.00/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	\$35.00	\$56.00	\$52.50/lb	\$48.50/lb	
6090 Lemon Balm		\$2.95	\$4.60	\$8.15	\$26.00	\$85.00	\$163.00	\$156.40/lb		
5010 Lemon Basil		\$2.95	\$4.90	\$8.00	\$18.50	\$60.75	\$75.50	\$66.00/lb	\$54.80/lb	
5120 Moss Curled II Parsley		\$2.95	\$3.50	\$5.75	\$9.10	\$29.65	\$54.00	\$45.90/lb	\$41.80/lb	\$40.30/lb
5109 Peione Parsley		\$2.95	\$3.35	\$4.50	\$11.50	\$34.00	\$47.00	\$39.00/lb	\$35.60/lb	\$34.50/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	\$8.10	\$16.00	\$21.00	\$15.80/lb	\$12.50/lb	\$10.98/lb
2497 Sorrel		\$2.95	\$7.45	\$19.15	\$39.50	\$120.00	\$190.00	\$167.00/lb		
5030 Sweet Basil		\$2.95	\$5.90	\$9.65	\$22.10	\$40.45	\$64.35	\$62.15/lb	\$59.16/lb	
5031 Sweet Thai Basil		\$2.95	\$3.85	\$6.55	\$15.00	\$60.00	\$100.00	\$85.00/lb	\$66.00/lb	
5107 Wega Parsley		\$2.95	\$3.35	\$5.25	\$14.00	\$37.00	\$61.00	\$52.00/lb	\$48.56/lb	\$43.56/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	\$11.00	\$37.00	\$64.00	\$59.00/M				
5002 Eleonora Basil		\$2.95		\$4.50	\$1.80/M	\$0.80/M	\$0.61/M	\$0.50/M	\$0.40/M
5004 Elidia Basil		\$2.95		\$4.50	\$1.80/M	\$0.80/M	\$0.61/M	\$0.50/M	\$0.40/M
5003 Keira Basil		\$2.95		\$4.50	\$1.80/M	\$0.80/M	\$0.61/M	\$0.50/M	\$0.40/M

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	\$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
6050 Superior Licorice Mint	\$3.75	\$8.75	\$33.00	\$68.00	\$185.00	\$625.00		
6130 Sacred Basil	\$2.95	\$5.50	\$9.50	\$17.90	\$69.00	\$254.00	\$232.00/lb	
5135 Summer Savory	\$2.95	\$3.95	\$5.00	\$7.50	\$16.50	\$49.00	\$43.00/lb	\$35.60/lb
5090 Sweet Marjoram	\$2.95	\$6.50	\$22.00	\$65.00	\$180.00	\$620.00	\$595.40/lb	\$557.00/lb
5140 Thyme	\$2.95	\$6.00	\$9.50	\$28.00	\$87.00	\$276.00	\$260.00/lb	\$227.16/lb

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 FI Basil	\$3.80	\$6.95	\$25.90	\$89.00	\$149.00	\$145.60/lb	\$141.00/lb

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

Why They Grow *The story behind our cover*

While all of the growers featured on our cover use High Mowing seeds in their operations, more than seed ties them together. What they're growing extends well beyond great vegetables: they grow healthier families, future leaders and new models for organic distribution. These nontraditional crops exemplify a shared dedication to nourishing our community, a value High Mowing equally shares. We are honored to work with these growers and to share their stories with our greater community of growers.

Planting a Seed for Food Security *with the Family Room Garden*

The **Family Room Garden** in Burlington, VT. is part of the Janet S. Munt Family Room parent child center. The garden offers free access to healthy food for children and adults and promotes physical, social, emotional, and linguistic development while nurturing a vibrant and diverse community. The Family Room Garden is one of nearly 400 community-based gardens supported by the Vermont Community Garden Network. Each year, VCGN distributes thousands of seed packets donated by High Mowing, and provides technical assistance and hands-on garden education to groups around Vermont.

Visit thefamilyroomvt.org to learn more. For more info about High Mowing's donation program, visit highmowingseeds.com/blog/donations.



Tending a Crop of Young Farmers *with Vermont Youth Conservation Corps*



The **Vermont Youth Conservation Corps** uses conservation and agriculture work as a platform for cultivating the next generation of leaders. Guided by passionate, trained crew leaders, youth corps members develop the skills necessary to be more employable, independent, civic-minded and responsible young adults – and their work results in significant community improvement. VYCC Farm Crews grow and distribute vegetables for the Health Care Share, a project that provides families in need with a weekly share of fresh produce at their doctor's office, free of charge. This important experience shapes the lives of both Health Care Share families and VYCC corps members, and positively impacts our world and our communities as we work towards a more sustainable food system.

Visit vycc.org to learn more.

Harvesting the Bounty with Partners *Foote Brook Organic Farm & Deep Root Organic Co-op*

Tony and Joie Lehouillier own and operate **Foote Brook Organic Farm**, a 100-acre certified organic vegetable farm and member farm of **Deep Root Organic Co-op**. Deep Root is a collective of organic farmers who serve greater New England markets through a co-operative distribution effort. In addition to giving growers access to a broader market, the co-op places an emphasis on growers helping growers by acting as a classroom and learning forum for farmers. Over the course of three decades, Deep Root's longstanding member farms like Foote Brook have acted as mentors to new farm operations, nurturing independent growers in our region and supporting collective efforts in organic agriculture.

Visit footebrookfarm.com and deeprootorganic.coop to learn more.



Flowers



Monique decorating tables with vases of Zohar FI sunflowers, cosmos, snapdragons, zinnias and more at a Sandiwood Farm to Fork Sunset Dinner.

FLOWERS

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.



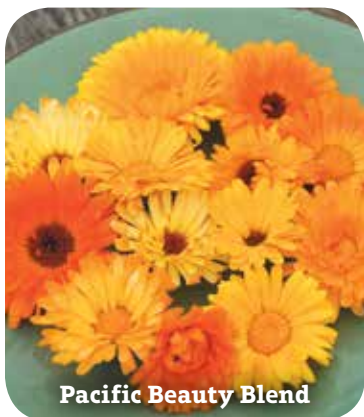
Sweet Alyssum



Polka Dot Blend



Maayan



Pacific Beauty Blend



Resina

ALYSSUM - *Lobularia maritima*

new 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. 200 seeds/oz.

1/64 oz: \$2.95, 1/8 oz: \$3.95, 1/2 oz: \$7.00, 2 oz: \$15.00, 1/2 lb \$24.00

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. 6,250 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*

7023 Maayan 55 days

OP • Edible, ornamental and medicinal • 24" tall • Annual

A true deep orange calendula with bright flame-colored flowers and a variety of uses. Mostly double blooms give the petals a full, ruffled appearance. Long 18-20" stems well suited to cutting for bouquets on productive and vigorous plants. Continual blooms throughout the season. Approx. 3,400 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$5.25, 1/2 oz: \$13.00, 2 oz: \$35.00

7021 Pacific Beauty Blend 60 days

HEIRLOOM • Prefers cool conditions • 12-24" tall • Annual

An early and bright medley of single and double orange, gold, yellow and cream-colored flowers. Well-branched plants with tall, straight stems great for cutting, with continuous blooms all summer. Fresh petals are beautiful in salads and as cake decorations. Also known as pot marigold. Approx. 4,500 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$6.85, 1/2 oz: \$20.50, 2 oz: \$72.00

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. 2,800 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 • 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. 2,000 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. 6,500 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 hardiest cultivar to grow in northern climates. Seeds must be cold-treated before germination. Approx. 7,500 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$4.70, 1/2 oz: \$8.25, 2 oz: \$22.50, 1/2 lb: \$61.00, 1 lb: \$113.00, 5 lb: \$101.00/lb, 25 lb*: \$88.00/lb

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

COSMOS

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 beginning gardeners. *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. 3,750 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

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. 10,000 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

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. 4,300 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. 4,000 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$5.85, 1/2 oz: \$16.50, 2 oz: \$55.12, 1/2 lb: \$132.30

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. 11,400 seeds/oz.

1/64 oz: \$2.95, 1/8 oz: \$9.70, 1/2 oz: \$15.80, 2 oz: \$43.00



Strawberry Blonde



Violet Queen Cleome



Echinacea purpurea



Bright Lights Blend



Sensation Blend



Double Click Blend



Sea Shells Blend



Galilee Blend Larkspur



Pink Lavatera



Crackerjack



Dark Orange



Dwarf Jewel Blend



Jasmine Scented Nicotiana



Crackerjack



Mexican Sunflower



Alaska Mix



Candlelight Peppers

LAVATERA - *Lavatera trimestris*7016 **Pink** 60 days

OP • Bedding plant • 3-4' tall • Annual

Tall, sturdy spires of pink blooms set off by glossy dark green foliage. Prolific large, smooth pink flowers on tall, upright stems. A garden classic with cupped flowers ideal for borders, cottage gardens and cutting for bouquets. Similar habit to hollyhocks with attractive glossy foliage; more tolerant of Japanese Beetles than other mallows. Seed should be barely covered with soil and takes 15-20 days to germinate. Carefully transplant 12-18" apart into full sun and poor soil with good drainage. Approx. 4,000 seeds/oz.

1/64 oz: \$2.95, 1/8 oz: \$16.00, 1/2 oz: \$44.00, 2 oz: \$109.00, 1/2 lb: \$279.00, 1 lb: \$539.00

MARIGOLD - *Tagetes erecta*7072 **Crackerjack** 80 days

OP • Attracts beneficial insects • 3' tall plants • Annual

Big, brightly colored blooms on large plants. Wide 4" blossoms are ruffled and lofty; cheerful pompons in various shades of sunshine with characteristic marigold fragrance. Flowers are also beautiful when dried. Often planted for a natural pest deterrent; known to repel deer, soil nematodes and many insect pests. Approx. 6,180 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$5.00, 1/2 oz: \$10.00, 2 oz: \$30.00, 1/2 lb: \$98.00

7074 **Dark Orange** 85 days

OP • Pest deterrent • 16" tall plant • Annual

Uniformly dark orange, fully double blooms for borders, beds or cut flowers. Broad, 2.5" wide flowers are full of ruffles. Sturdy, bushy plants 10" wide. Provides lasting color, especially in mass plantings and in containers. A natural deterrent for deer, soil nematodes and many insect pests. Approx. 6,000 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$9.35, 1/2 oz: \$17.10, 2 oz: \$57.35

MEXICAN SUNFLOWER - *Tithonia rotundifolia***new** 7110 **Mexican Sunflower** 85 days

OP • Heat and drought tolerant • Attracts butterflies • 4-6' tall • Annual

Gorgeous tall plants with bright orange, 3" daisy-like blooms are stunning both in the field and in bouquets. 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. 2,800 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$8.00, 1 oz: \$35.00, 1/4 lb: \$101.00

NASTURTIUM

new 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. *Tropaeolum minus*. Approx. 71,000 seeds/oz.

1/8 oz: \$2.95, 1/2 oz: \$6.00, 2 oz: \$15.00, 1/2 lb: \$40.00, 1 lb: \$55.00, 5 lb: \$45.00/lb

7160 **Dwarf Jewel Blend** 60 days

OP • Spreading habit • Edible flowers and foliage • 12-24" tall • Annual

Brilliant red, orange, salmon 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. *Tropaeolum majus*. Approx. 200 seeds/oz.

1/8 oz: \$2.95, 1/2 oz: \$9.00, 2 oz: \$19.00, 1/2 lb: \$50.00, 1 lb: \$75.00, 5 lb: \$64.00/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. *Tropaeolum 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 wonderful fragrance to the night. Pollinated by moths. Very easy to grow; plants will re-seed if left in the garden. Direct sow seeds by scattering lightly on soil surface or start transplants 6-8 weeks ahead of planting date. Plant out after last frost date. Approx. 271,000 seeds/oz.

1/64 oz: \$2.95, 1/8 oz: \$8.30, 1/2 oz: \$13.28, 2 oz: \$45.25

ORNAMENTAL PEPPERS

2801 **Candlelight**

See peppers, p. 69.

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 after last frost 1/4" deep; transplant carefully and thin to a final spacing of 6" apart. *Eschscholzia californica*. Approx. 18,800 seeds/oz.
1/64 oz: \$2.95, 1/16 oz: \$3.60, 1/4 oz: \$8.50, 1 oz: \$25.00



California Orange



Pierrot

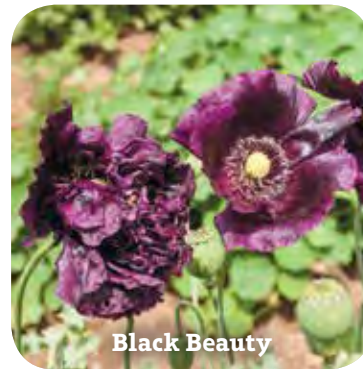
7093 Pierrot 65 days

OP • Prefers poor soil • 2-3' tall • Re-seeding annual

Striking, intensely 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. 142,000 seeds/oz.
1/64 oz: \$2.95, 1/16 oz: \$5.00, 1/4 oz: \$11.00, 1 oz: \$38.00



Planète Rouge du Jura



Black Beauty

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. 28,000 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. 18,000 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. 100,000 seeds/oz.
1/64 oz: \$2.95, 1/16 oz: \$9.00, 1/4 oz: \$28.00, 1 oz: \$85.00



Zohar F1

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. Approx. 600 seeds/oz.
25 seeds: \$2.95, 100 seeds: \$9.00, 1M seeds: \$35.00, 5M seeds: \$30.00/M, 25M seeds: \$27.60/M



Lion's Mouth Blend



Teddy Bear

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. 1,300 seeds/oz.
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: \$6.15, 1 oz: \$7.95, 1/4 lb: \$17.00, 1 lb: \$55.00



Lemon Queen



Goldy Double

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 children and just about everyone else. 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: \$29.00, 1/4 lb: \$85.00, 1 lb: \$225.00



Hella Sonnenblume



Soraya



Evening Colors Blend



Hopi Black Dye



Autumn Beauty Blend



Velvet Queen



Mammoth



Royal Family



Painted Lady

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 recent trials! From our friends at Swiss biodynamic seed company Sativa Seeds. Approx. 2,000 seeds/oz.

1/16 oz: \$3.95, 1/4 oz: \$9.00, 1 oz: \$27.00, 1/4 lb: \$69.00, 1 lb: \$195.00

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. 1,700 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. 1,100 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 • Tall 7' plants • 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. 1,100 seeds/oz.

1/16 oz: \$2.95, 1/4 oz: \$9.75, 1 oz: \$12.50, 1/4 lb: \$27.25, 1 lb: \$84.50

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 cool cat 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.

1/16 oz: \$2.95, 1/4 oz: \$8.30, 1 oz: \$25.00, 1/4 lb: \$82.00, 1 lb: \$275.00

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

SWEET PEA - *Lathyrus odoratus***7088 Royal Family** 80-90 days

OP • Good cut flower • Climbs 5-6'

Spectacular mix of large pink, purple, blue, lavender and white blooms on long stems for bunching. Great fragrance! Early to flower with bigger, frillier blooms than Painted Lady. Wonderful, unusual colors including navy blue, black, maroon, salmon and rose. Superior quality for bunching and mixed bouquets. Approx. 300 seeds/oz. *Limited availability.*

1/32 oz: \$2.95, 1/8 oz: \$6.00, 1/2 oz: \$9.00, 2 oz: \$17.00

7089 Painted Lady 85 days

HEIRLOOM • Early flowering • Vigorous vines • Annual

Lovely bi-colored blooms in pink, purple and burgundy with incredible fragrance. Two-toned flowers with bright pink banners and light pink wings or burgundy banners with purple wings. Densely clustered flowers for excellent ornamental quality. This variety dates to 1737 and was planted by Thomas Jefferson at Monticello in the early 1800s. Approx. 300 seeds/oz.

1/16 oz: \$2.95, 1/4 oz: \$7.50, 1 oz: \$17.30, 1/4 lb: \$37.70

SWEET WILLIAM - *Dianthus barbatus*

7067 **Electron Blend** 100-120 days

OP • Pollinator-attractant • Excellent cut flower • 18-24" tall • Biennial

Electrifying mix of red, pink and white bi-color blossoms, each with bright white highlights. Clusters of up to 30 flowers fill bouquets and borders with its spicy clove-like scent. Start transplants 10-12 weeks before last frost, setting out in cold weather for same year blossoms; or direct sow in early to mid-summer for next years' blooms. Approx. 28M seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$7.40, 1/2 oz: \$18.40, 2 oz: \$63.00

ZINNIA - *Zinnia elegans*

7150 **County Fair Blend** 75-90 days

OP • 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. 2,700 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$5.00, 1/2 oz: \$12.00, 2 oz: \$34.00

7147 **Giant Coral** 75-90 days

OP • Excellent cut flower • Attracts butterflies • 40-50" plants • Annual

Large, fully double red-coral blooms ideal for cut flowers or bright borders. Lovely salmon-pink to coral flowers on long, sturdy stems. Huge 4" blooms. Disease and heat tolerant, and holds up well in the vase. Change water often for longest life. Direct seed or start transplants 3-4 weeks before last frost date. Approx. 3,400 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$10.00, 1/2 oz: \$22.00, 2 oz: \$44.00

7148 **Giant Purple** 75-90 days

OP • Excellent cut flower • Attracts butterflies • 40-50" plants • Annual

Big, fully double magenta blooms for a sophisticated statement in borders and bouquets. Huge, 4-6" purple blooms on long, sturdy stems. Disease and heat tolerant, and holds up well in the vase. Change water often for longest life. Approx. 3,400 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

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. 3,900 seeds/oz.

1/32 oz: \$2.95, 1/8 oz: \$13.25, 1/2 oz: \$33.00, 2 oz: \$62.00

FLOWER MIXES

7045 **Beeline Pollinator Mix** 55 days

OP • Attracts bees, butterflies and other pollinators • 24-36" tall • Annual

Give your bees a support group 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. 7,900 seeds/oz. Seeding rate: 1 oz/200 square feet or 1 lb for 3,200 sq ft.

1 oz: \$14.50, 1/4 lb: \$35.00, 1 lb: \$79.00, 5 lb: \$57.00/lb, 25 lb*: 44.00/lb

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



Electron Blend



County Fair Blend



Giant Coral



Giant Purple



Red Scarlet



Golden Yellow



Beeline Pollinator Mix



Cover Crops

Stephen turns in a cover crop of field peas and oats on our seed production farm in Vermont.

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

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

OP • 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 and beans! *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 N-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.

8040 Yellow Sweet Clover

OP • Drought tolerant • Sow spring to summer • Biennial

Excellent yellow flowered green manure and honey plant. Rugged plant with long taproots that mine nutrients from deep in the soil, becoming 8' tall and graceful with yellow flowers in its second year. May winter-kill without snow cover. Sow with 50 lbs of oats as a nurse crop. Fixes 100-170 lbs of N per acre. *Melilotus officinalis*. Seeding rate: 15 lbs/acre, 1/2 lb/1,000 sq ft.

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 N-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.

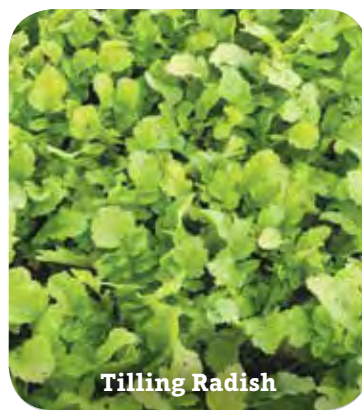
8090 Winter Rye/Hairy Vetch Mix

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.



Tilling Radish



Field Peas



Crimson Clover



Hairy Vetch



Field Peas/Oats Mix



Yellow Sweet Clover

COVER CROPS



INOCULANTS

94535 Guard-N: for Peas/Vetch (Treats 8 lbs)	\$5.50
94536 Guard-N: for Peas/Vetch (Treats 50 lbs)	\$6.95
94538 N-Dure: for Alfalfa/Clover (Treats 50 lbs)	\$6.50

COVER CROP SEED - SOLD BY SEED WEIGHT

	1 lb	5 lb	25 lb*	50 lb*
8085 Annual Ryegrass	\$10.65	\$5.71/lb	\$3.24/lb	\$2.64/lb
8111 BMR Sorghum-Sudangrass F1	\$8.00	\$3.80/lb	\$2.92/lb	\$2.60/lb
8010 Common Buckwheat		\$3.00/lb	\$1.72/lb	\$1.50/lb
8112 Crimson Clover	\$12.95	\$9.00/lb	\$7.08/lb	\$6.22/lb
8070 Field Peas		\$3.80/lb	\$2.80/lb	\$2.55/lb
8100 Field Peas/Oats Mix		\$2.64/lb	\$1.28/lb	\$1.09/lb
8110 Field Peas/Oats/Vetch Mix		\$3.60/lb	\$2.12/lb	\$1.90/lb
8060 Hairy Vetch	\$9.45	\$7.00/lb	\$3.64/lb	\$3.40/lb
8080 Medium Red Clover	\$9.80	\$7.40/lb	\$6.00/lb	\$5.50/lb
8020 Oats		\$2.40/lb	\$1.00/lb	\$0.92/lb
8115 Phacelia	\$16.50	\$12.50/lb	\$10.00/lb	\$7.80/lb
8000 Tilling Radish	\$16.00	\$10.80/lb	\$8.80/lb	\$6.50/lb
8113 White Clover	\$25.00	\$19.00/lb	\$17.40/lb	\$13.96/lb
8030 Winter Rye		\$2.30/lb	\$0.86/lb	\$0.77/lb
8090 Winter Rye/Hairy Vetch Mix		\$2.95/lb	\$1.68/lb	\$1.35/lb
8040 Yellow Sweet Clover	\$11.00	\$7.60/lb	\$5.40/lb	\$4.50/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 provide 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 planted 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 planted 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 to maintain garden health without harmful chemicals.

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-OS **Open Source** (5 packets) \$13.75

As a response to the increasing privatization of seed resources, the Open Source Seed Initiative (OSSI) was created to "free the seed" and ensure that some seed breeding material remains in the public domain, available for all to use.

INCLUDES: Stocky Red Roaster Sweet Pepper • Abundant Bloomsdale Spinach • Emerald Oak Lettuce • Siber-Frill Kale • Midnight Lightning Zucchini

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	Avg. Seeds/Unit, M=1,000	Initial Spacing for direct seeding	Final Spacing for DS or TP	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	1-2'	same	1/4"	5'	TP	60-80°	10-12 weeks	After last frost
Bean, Bush, Dry	145/oz	1-2"	same	1-2"	18-30"	DS	60-80°	n/a	After last frost
Bean, Bush, Snap	145/oz	2-3"	same	1-2"	18-30"	DS	60-80°	n/a	After last frost
Bean, Pole	145/oz	1-2"	same	1-2"	5'	DS	60-80°	n/a	After last frost
Bean, Soy	90/oz	6 seeds/ft	same	1-2"	12-30"	DS	70-90°	n/a	After last frost
Beet	2M/oz	15 seeds/ft	2-3"	1-2"	18-24"	DS	60-85°	n/a	As soon as soil can be worked
Broccoli	7.5M/oz	8-12"	same	1/4-1/2"	18"	DS or TP	65-85°	4-6 weeks	After last hard frost
Broccoli, Sprouting	7.5M/oz	3 seeds/ft	6-12"	1/2"	18"	DS	50-65°	n/a	After last frost or in late summer
Brussels Sprouts	9.3M/oz	18"	same	1/4-1/2"	18-30"	DS or TP	65-75°	4-6 weeks	As soon as soil can be worked
Cabbage, Chinese/Napa	7.3M/oz	2-4 seeds/ft	12"	1/2"	18-30"	DS or TP	70-95°	4-6 weeks	When nights are at least 50°F
Cabbage, Fresh Market	7.3M/oz	2-4 seeds/ft	12"	1/2"	18-30"	DS or TP	55-95°	4-6 weeks	After last hard frost
Cabbage, Storage	7.3M/oz	2-4 seeds/ft	12"	1/2"	18-30"	DS or TP	55-95°	4-6 weeks	10 weeks before first frost
Carrot	18M/oz	30 seeds/ft	1-2"	1/4-1/2"	12-18"	DS	60-85°	n/a	As soon as soil can be worked
Cauliflower	6.3M/oz	2-4"	12"	1/4-1/2"	18-30"	DS or TP	55-80°	4-6 weeks	After last hard frost
Celery/Celeriac	67.8M/oz	8"	same	1/8"	18-24"	TP	60-70°	10-12 weeks	2-3 weeks before last frost
Chard, Bunching	1.5M/oz	6 seeds/ft	8-12"	1/2"	18-30"	DS or TP	65-85°	4-6 weeks	After last hard frost
Chard, Baby	1.5M/oz	40 seeds/ft in 2" band	same	1/2"	2-6"	DS	65-85°	n/a	After last hard frost
Collards	7.5M/oz	3 seeds/ft"	12-18"	1/4-1/2"	18-30"	DS or TP	70-95°	4 weeks	As soon as soil can be worked
Corn, Early Season	100-250/oz	2-4"	8-10"	1-2"	30-36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F
Corn, Mid-Late Season	100-250/oz	2-4"	8-12"	1-2"	30-36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F
Cucumber, Greenhouse	1.1M/oz	3 seeds/ft	12"	1/2"	5-6'	TP	75-90°	3-4 weeks	When temps in GH reach at least 55°F
Cucumber, Pickling	1.1M/oz	3 seeds/ft	12"	1/2"	5-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
Cucumber, Slicing	1.1M/oz	3 seeds/ft	12"	1/2"	5-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
Eggplant	6.5M/oz	12-18"	12-18"	1/4"	24-36"	TP	75-90°	8-12 weeks	When nights are at least 50°F
Fennel	6.4M/oz	6 seeds/ft	6"	1/4-1/2"	12-24"	DS or TP	60-65°	4-5 weeks	After last hard frost
Garlic, Softneck	50 cloves/lb	2 cloves/ft	same	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Garlic, Hardneck	40 cloves/lb	2 cloves/ft	same	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Greens, Baby Leaf/Salad	20M/oz	60 seeds/ft in 2-4" bands	same	1/8"	2-6" between bands	DS	55-85°	n/a	As soon as soil can be worked
Greens, Arugula, Full Size	15M/oz	10 seeds/ft	4-6"	1/4"	18"	DS	65-85°	n/a	As soon as soil can be worked
Greens, Asian, Baby	12M/oz	60 seeds/ft in 2-4" bands	same	1/4"	3-4" between bands	DS	70-95°	n/a	As soon as soil can be worked
Greens, Beet	1500/oz	40 seeds/ft in 2-4" bands	same	1-2"	2-4" between bands	DS	60-85°	n/a	As soon as soil can be worked
Greens, Cress, Garden	10M/oz	1/2" apart in 2-4" bands	same	1/4"	2-4" between bands	DS	65-85°	n/a	As soon as soil can be worked
Greens, Cress, Upland	19M/oz	1"	4"	1/4"	12-18"	DS	65-85°	n/a	After last frost
Greens, Endive, Baby	17-20M/oz	30 seeds/ft in 2-4" bands	same	1/8"	3-4" between bands	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked
Greens, Endive, Belgian	13M/oz	6 seeds/ft	4-6"	1/8"	18-24"	DS	65-85°	n/a	As soon as soil can be worked
Greens, Escarole, Full Size	12-16M/oz	2"	10-12"	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/ft in 2-4" bands	same	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked

CROP TYPE	Avg. Seeds/Unit, M=1,000	Initial Spacing for direct seeding	Final Spacing DS or TP	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	1/2"	4-6"	1/4"	16-20"	DS	68-74°	n/a	After last frost
Greens, Radicchio	14M/oz	8 seeds/ft	8-12"	1/4"	24"	DS or TP	68-85°	4-6 weeks	After last frost
Greens, Radish	1-2M/oz	60 seeds/ft in 2-4" bands	same	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"	same	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	same	1/4-1/2"	18-24"	DS or TP	60-70°	10-12 weeks	After last hard frost
Herbs, Cilantro	2M/oz	2"	4"	1/4"	12"	DS or TP	50-80°	4-6 weeks	After last hard frost
Herbs, Dill	15M/oz	10 seeds/ft	2-4"	1/4"	18-24"	DS	50-80°	n/a	After last hard frost
Herbs, Parsley	12-20M/oz	1/4"	12-18"	1/4"	18-24"	DS or TP	50-80°	6-8 weeks	After last hard frost
Kale, Baby	7.5M/oz	60 seeds/ft in 2" bands	same	1/4-1/2"	2-6"	DS	70-95°	n/a	As soon as soil can be worked
Kale, Full Size	7.5M/oz	3 seeds/ft	12"	1/4-1/2"	18-36"	DS or TP	70-95°	4 weeks	After last hard frost
Kohlrabi	6.5M/oz	8 seeds/ft	4-10"	1/4-1/2"	12-18"	DS or TP	65-85°	4-6 weeks	As soon as soil can be worked
Leek	10.5M/oz	6 seeds/ft"	6"	1/4"	18-30"	TP	60-80°	10-12 weeks	As soon as soil can be worked
Lettuce, Baby Leaf	25M/oz	60 seeds/ft in 2" bands	same	1/8"	2-6" between bands	DS	40-80°	n/a	After last hard frost
Lettuce, Full Size	25M/oz	12 seeds/ft	6-16"	1/8"	12-18"	DS or TP	40-80°	3-4 weeks	After last hard frost
Lettuce, One-cuts	20-30M/oz	3"	4-6"	1/8"	4-6"	TP	40-80°	3-4 weeks	After last hard frost
Melon	1.12M/oz	12-18"	12-18"	1/2"	5-6'	DS or TP	75-95°	4 weeks	After last frost
Okra	450/oz	6-12"	12-18"	1"	3'	DS or TP	75-95°	6 weeks	After last frost
Onions/Shallots	7M/oz	20 seeds/ft	3-4"	1/8-1/4"	12-18"	TP	50-95°	8-12 weeks	After last hard frost
Onions, Bunching/Scallions	12.5M/oz	50 seeds/ft in 2" bands	same	1/4-1/2"	12-18"	DS	50-95°	n/a	As soon as soil can be worked
Parsnip	6-7M/oz	20 seeds/ft in 2" bands	2-3"	1/2"	18-24"	DS	50-65°	n/a	After last frost
Peas, Dwarf	130/oz	1-1 1/2"	same	1-2"	18-24"	DS	50-75°	n/a	As soon as soil can be worked
Peas, Trellising	130/oz	1-1 1/2"	same	1-2"	4-6'	DS	50-75°	n/a	As soon as soil can be worked
Pepper	4M/oz	12-18"	same	1/4"	18-30"	TP	68-95°	6-8 weeks	After last frost
Potatoes, Full Size	8-10 pieces/lb	10-12"	same	3-6"	30-36"	DS	50-75°	n/a	1-2 weeks before last frost
Potatoes, New/Fingerling	12-16 pieces/lb	10-12"	same	3-6"	30-36"	DS	50-75°	n/a	1-2 weeks before last frost
Pumpkin, Bush/Semi-Bush	123-327/oz	2-3 seeds/18"	18"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
Pumpkin, Vining	123-327/oz	2-3 seeds/36"	24-36"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
Radish, Winter	2.7M/oz	6-8 seeds/ft	same	1/4-1/2"	6-12"	DS	55-85°	n/a	As soon as soil can be worked
Radish, Garden	2.7M/oz	20 seeds/ft	same	1/4-1/2"	6-12"	DS	55-85°	n/a	As soon as soil can be worked
Rutabaga	11M/oz	2"	6"	3/4"	18-24"	DS	60-95°	n/a	Spring/early summer
Spinach, Baby Leaf	2.6M/oz	40 seeds/ft in 2" bands	same	1/8-1/4"	4-12" between bands	DS	45-65°	n/a	As soon as soil can be worked until early fall
Spinach, Full Size	2.6M/oz	10 seeds/ft	2"	1/8-1/4"	8-12"	DS	45-65°	n/a	As soon as soil can be worked until early fall
Squash, Summer	315/oz	6-12"	18-24"	1/2-1"	5'	DS or TP	70-90°	3-4 weeks	After last frost
Squash, Winter, Bush	105-470/oz	6-12"	18-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
Squash, Winter, Vining	105-470/oz	6-12"	18-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
Tomato, Indeterminate	280-350/gm	16-36"	same	1/4"	5-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Determinate	280-350/gm	12-24"	same	1/4"	5-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Greenhouse	280-350/gm	16-24"	same	1/4"	5-6'	TP	60-85°	6-8 weeks	When temps in GH reach at least 65°F
Tomatillo	18M/oz	12-18"	same	1/4"	4-6'	TP	60-85°	4-5 weeks	After last frost
Turnip	12.5/oz	8 seeds/ft"	2-4"	3/4"	12-18"	DS	60-95°	n/a	As soon as soil can be worked
Watermelon	625/oz	6-12"	18-24"	1/2"	5-6'	DS or TP	75-95°	4 weeks	After last frost
Zucchini	200/oz	6-12"	18-24"	1/2-1"	5'	DS or TP	70-90°	3-4 weeks	After last frost



Thank you!

“ At High Mowing, we continue to be energized by the ability of organic seeds to transform the health of our food system. By collaborating within our organic community as well as with conventional seed farming and breeding allies, we have helped to stimulate awareness of the important role played by organic seeds. We seek to establish relationships with the most critical of land stewards—organic growers—to help us build a sustainable future that makes us proud. Thank you all for being a part of this work. ”

- Tom Stearns, Owner & Founder

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