

Common Wealth Seed Growers 2023 Variety List

We offer bulk sizes of most varieties – please write or call for more information.

540-223-5861; commonwealthseeds@gmail.com; www.commonwealthseeds.com

Common Wealth Seed Growers; PO Box 667; Louisa, VA 23093

All packet sizes cost \$4.00. Add \$6.00 shipping and handling for all orders.

Corn

Tennessee Red Cob Dent Corn – Certified Organic

Grown by Care of the Earth Community Farm

Sturdy plants produce medium-large ears with white kernels. Ears fill out well. Especially good for grits; also cornmeal, hominy, etc. A 120-day, long-season dent corn. Lodging has not been a problem for us. We've been growing and selecting this off and on for 10+ years at Twin Oaks and Living Energy Farm and Care of the Earth Farm and continue to be impressed with its productivity in both wet and dry conditions. Tested free of GMO contamination in a 10,000 kernel PCR test at Foodchain ID Testing (accurate to 99.99%). Note that this is an expensive test, so it does add to the cost of the seed. 85 seeds/oz. Grown by Care of the Earth Community Farm. Original seedstock from Harold Jerrell, through Southern Exposure Seed Exchange. 120 days *Zea mays*. 1.5oz packet

Tramunt Supersweet Corn - Certified Organic

Grown by Twin Oaks Seed Farm

Delicious, sweet and flavorful yellow supersweet corn on vigorous 7' plants. Plants are stronger and more vigorous than the supersweet and SE hybrids we have tried. This is an open-pollinated variety bred by Sativa Rheinau, a Swiss biodynamic seed company. They bred three varieties, and Tramunt is the long season one, with the largest, most vigorous plants and the largest ears. Has done great in our trials. 84 days. 205 seeds/ounce. *Zea mays*. 1oz packet

Cucumbers

Atrar Rainy Season Cucumber – Certified Organic

Grown by Twin Oaks Seed Farm

A standout in the 2014 cucumber trial at Twin Oaks Seed Farm, where it showed very good downy mildew resistance and productivity. Cucumbers are green and white when small, with brown coloration appearing soon after. At seed maturity the fruits are brown and russeted like a potato. We obtained seedstock from the USDA's North Central Regional Plant Introduction Station in Ames, Iowa, via the GRIN network. It originates from a farm near the village of Atrar in Chhattarpur district, Madhya Pradesh, India - from a farmer named Mathura P. Khushwah. It was collected for the USDA in 1992. The GRIN database says it is grown during the rainy season. PI 605996 grew very well at Twin Oaks Seed Farm in 2022, with plants staying healthy until frost from a late May planting. 60 days. 30 seeds/gram. *Cucumis sativus*. 2g packet.

Common Wealth Pickling Cucumber - Certified Organic

Grown by Twin Oaks Seed Farm

New Release - Developed by Edmund Frost for Common Wealth Seed Growers.

Our new downy mildew resistant pickling cucumber! Sweet, aromatic, crisp and thin-skinned,

these are great for fresh eating as well as pickling - even when picked on the large side. Bred to grow well in the late season when downy mildew pressure is high, they also thrive when planted early. The vigorous, strong and forgiving plants tolerate bacterial wilt, and there is a low incidence of misshapen fruits when plants are stressed. Abundantly productive over a long window. Stem ends are never bitter. Edmund is continuing to refine this variety. 52 days. 50 seeds/gram.

Cucumis sativus. 1g packet

These seeds and their offspring are open-source, and not available for private intellectual property ownership. Pass on these words when you pass on the seeds!

DMR-264 Cucumber - Certified Organic

Grown by Twin Oaks Seed Farm

Excellent Downy Mildew resistance, surpassing any other green slicing cucumber that we know of. Bred by Michael Mazourek, whose breeding program at Cornell focuses on breeding for organic conditions. Released by Common Wealth Seed Growers in 2015. DMR-264 is a really long season cucumber - usually setting fruit 10-15 days later than Marketmore 76. Successful in very hot, humid, high-DM conditions. Generally not recommended for northern growers. These are smaller than a standard slicer and should be picked at 5 inches. 72 days. 35 seeds/g. *Cucumis sativus*. 2g packet

DMR-401 Cucumber - Certified Organic

Grown by Twin Oaks Seed Farm

cucumber with excellent downy mildew resistance. The foliage will resist downy mildew pressure at levels that kill almost any other slicing cucumber plant. Earlier and more productive than its parent, DMR 264. Fruits average 8 inches. In 2014 and 2015 at Twin Oaks Seed Farm we trialed a number of downy mildew resistant cucumber breeding lines from Cornell - this one stood out, and we were the first to release it in 2017. It has done well in a number of trials since - see "Evaluation of Cucumber Varieties Resistant to Downy Mildew" by Margaret McGrath. DMR 401 is susceptible to dry conditions, which can lead to misshapen fruits - so make sure to give it plenty of water. 60 days. 30 seeds/g. *Cucumis sativus*. 1.5g packet

Shandong Si Gua 1210 Cucumber - Certified Organic

Grown by Twin Oaks Seed Farm

A very productive, tasty and thin-skinned Chinese cucumber. The fruits are about a foot long and curved, though they will grow straight on a trellis. One of the standouts in the 2014 cucumber trial at Twin Oaks Seed Farm (see <https://projects.sare.org/project-reports/fs13-273/>), where all replications produced very well under high downy mildew pressure, and with very little impact from bacterial wilt. They also stood out for flavor and a high percentage of marketable fruits. It is one of the parents for our new varieties South Wind Slicer and Common Wealth Pickler. From the USDA seed bank - PI 432885. 52 days. 39 seeds/gram. *Cucumis sativus*. 1.5g packet.

South Wind Slicing Cucumber - Certified Organic

Grown by Twin Oaks Seed Farm

New Release - Developed by Edmund Frost for Common Wealth Seed Growers.

Our new downy mildew resistant slicing cucumber! Named after the wind that blows downy mildew spores here from the South every summer. Bred especially for late summer when downy mildew pressure is high, South Wind also grows well and produces over a long season when

planted early. Edmund focused a lot on bacterial wilt tolerance as well as downy resistance in the selections. These are strong, vigorous and productive plants that rarely produce misshapen fruits, even under stress. Straight, medium green, 7-8 inch cucumbers with aromatic flavor. Stem ends are never bitter. We are still refining this variety - please send us your feedback! 55 seeds/gram. 56 days. *Cucumis sativus*. 1g packet.

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Gherkins

West Indian Gherkin

Grown by Rock Cottage Farm

A cucumber relative that makes especially good pickles, and is also good fresh (it is eaten cooked as well). Very resistant to downy mildew, and tolerant of bacterial wilt. Pick the green and white fruits when 1-1.5" long, before any seed development starts, and they make good crisp pickles. Flavor is similar to cucumbers. Shaped like a tiny football, with lengthwise ridges. Use caution as these will self sow. We originally got this seedstock from Baker Creek. 65 days. 115 seeds/g. *Cucumis anguria*. 0.8g packet

Gourds

African Drum Gourd - Certified Organic

Grown by Twin Oaks Seed Farm

ery large (20-24") gourds with thick walls (up to 3/4 inch when grown in optimal conditions). Shape is round to slightly teardrop. In the 2015 gourd trial of 29 varieties at Twin Oaks Seed Farm, this is one of only six that held up to the heavy Downy Mildew pressure and grew well into October. Original seedstock came from Suzanne Ashworth through Seed Savers Exchange. 150 days. *Lagenaria siceraria*. 15 seed packet

Bule Gourd - Certified Organic

Grown by Twin Oaks Seed Farm

Good production of volleyball-sized gourds on vigorous vines that are very resistant to Downy Mildew. Has stood out as the most DM resistant in several years of trials and growouts at Twin Oaks Seed Farm. Gourds are covered with warts like an Osage Orange fruit; when dried and washed they turn an attractive chestnut brown. The shell is generally thick, and notably stronger than other gourds - cut in half they make sturdy wooden-like bowls. The contrast of the smooth inside and the warty outside is striking. Takes a long time to cure - most aren't ready till January or February. Original seedstock came from Seed Savers Exchange. 140 days. 110 seeds/oz. *Lagenaria siceraria*. 1/8oz packet

Extra Long Handled Dipper Gourd

Grown by Edmund Frost

Handles up to three feet long with 3-4 inch bulbs. When grown on a trellis the handles are straight. When grown on the ground they twist into interesting shapes. Good downy mildew resistance and productivity in Twin Oaks' 2015 gourd trial. The seed we used to produce this crop came from Suzanne Ashworth. *Lagenaria siceraria*. 2.5g packet

Greens

Even'Star Landrace Collards - Certified Organic

Grown by Twin Oaks Seed Farm

Bred for tenderness and cold tolerance, as well as for its ability to produce a healthy seed crop in our humid climate. Overwinters well with or without row cover (plant in September or October), and is slow to bolt in the spring. Can also be planted in the spring. Bred at Even'Star farm in Maryland. 215 seeds/g. *Brassica oleracea var. acephala* These seeds have been hot water treated to control disease. 5g packet

Sokoyokoto (Lagos Spinach) - Certified Organic

Grown by Twin Oaks Seed Farm

A great source of summer greens, and the most popular plant for cooked greens in Nigeria. We got this seedstock from Rushdat Hale, who brought them from Nigeria. The cooked greens have a taste and texture similar to spinach, and they grow well for us with no pest or disease pressure. Consider planting successions. If you let them grow all season the plants develop pink and tan flowers and can grow up to about six feet tall. Use caution as these often will self-sow. 40 days. 1100 seeds/gram. *Celosia argentea*. 0.25g packet

Lima Beans

Violets Multi-Colored Lima - Certified Organic

Grown by Twin Oaks Seed Farm

Beautiful, productive and tasty pole limas that tolerate drought and keep setting pods in very hot weather. Harvest the dry pods once a week or so from mid August through late October, and eat year round – they have a rich and hearty flavor. The beans don't tend to fall prey to mold, so they need little or no sorting once winnowed. Saved by 4 generations of Violet Brady Westbrook's family in Banks County, Georgia. Introduced by Southern Exposure in 2009. 90 days. 61 seeds/ounce. *Phaseolus lunatus*. 1oz packet. Note: thresh dry beans by putting on a tarp and stomping on them. Then winnow by pouring the beans and pods in front of a fan (with 1-2 bins beneath).

Melons

Edisto 47 Melon - Certified Organic

Grown by Living Energy Farm

A standout for downy mildew resistance. Netted 3-4 pound fruits that keep well and hold up well in the field. Very sweet medium-orange interior. We've been growing this variety for several years, selecting for sweetness, good appearance, and bacterial wilt resistance. Longer season than many melons. From Clemson, 1965. 88 days. 33 seeds/g. *Cucumis melo*. 2g packet

Greta Oblong Selection (F5) Melon - Certified Organic

Grown by Care of the Earth Community Farm

This melon seedstock is part of Care of the Earth Community Farm's project to dehybridize Magnificenza F1, a well-known organic Italian orange muskmelon. Megan and Lalo began selecting

for two different melons in 2022. “Greta Oblong” is a medium-size oval Italian muskmelon much like Magnificenza. It shows field resistance to Fusarium Wilt and intermediate resistance to both Bacterial Wilt and Downy Mildew. Greta Oblong is productive, has high brix and really good flavor, medium consistency, and medium storage abilities. CSA members at Care of the Earth, who helped in the selection process of this melon, consistently gave it really high marks for flavor. It along with its sister, Greta Round Melon, is one of the few muskmelons Megan really enjoys to eat. Megan: “It has good depth of flavor, without being too musky, and is perfectly sweet.” Melons are 3-4 pounds and ripen uniformly in 74-78 days. Pick at full-slip, when sutures begin to turn yellow. These seeds were saved from a planting that produced 100% oblong melons - but still expect some variability. Named in honor of climate activist Greta Thunberg. *Cucumis melo*. 1g packet. *These are Open Source Seed Initiative (OSSI) pledged seeds: “You have the freedom to use these OSSI-Pledged seeds in any way you choose. In return, you pledge not to restrict others’ use of these seeds or their derivatives by patents, licenses or other means, and to include this pledge with any transfer of these seeds or their derivatives.” Read more at osseeds.org.*

Greta Round Selection (F5) Melon – Certified Organic Grown by Care of the Earth Community Farm

This melon seedstock is part of Care of the Earth Community Farm’s project to dehybridize Magnificenza F1, a well-known organic Italian orange muskmelon. Megan and Lalo began selecting for two different melons in 2022. “Greta Round” is a smaller, well-netted, round melon with medium-high brix, very good flavor, and good storage. Its texture and flavor are reminiscent of a Charentais melon. It shows field resistance to Fusarium Wilt and intermediate resistance to both Bacterial Wilt and Downy Mildew. Melons average 1.5-2 pounds, with an occasional larger melon and ripen in 78-80 days. Pick at full-slip, when external color begins to turn from green to yellow. These seeds were saved from a planting that produced 100% round, netted melons - but still expect some variability. Named in honor of climate activist Greta Thunberg. *Cucumis melo*. 1g packet.

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Trifecta Melon - Certified Organic Grown by Living Energy Farm

Bred by Michael Mazourek at Cornell University, Trifecta combines sweetness, keeping quality and disease resistance. Firm, aromatic, deep orange interior is excellent for fruit salads. One of the sweetest and best in Twin Oaks’ 2014 Downy Mildew trials, and a standout in the 2016 Eastern Sustainable Organic Cucurbit trials in North Carolina. Uniform 3.5 pound fruits are moderately ribbed and have light tan exterior with light netting. 83 days. 34 seeds/g. *Cucumis melo*. 2g packet

Okra

Annie Oakley OP Okra

Grown by Edmund Frost

Very productive compact plants with spineless, uniform and tender green pods. At the urging of Edward Lenoir, a Louisiana farmer who specializes in okra production, Edmund Frost set out to dehybridize "Annie Oakley II Hybrid" okra in 2017 because it had been discontinued. However, there wasn't any of the variability you would expect when saving and replanting seed from a hybrid variety. Edward has relied on Annie Oakley for years because it is so productive and uniform, and is happy to be able to grow it again! OP stands for Open Pollinated. 52 days. 14 seeds/gram. *Abelmoschus esculentus*. 5g packet

Cajun Jewel Okra - Certified Organic

Grown by Living Energy Farm

Dwarf 3'-4' tall plants are a good choice for small gardens, or market production. Productive and early. Pods are intermediate between slender and stocky, and can be picked up to 6 inches long. Good flavor and texture. Introduced by Southern Exposure Seed Exchange in 1989. 53 days. 15 seeds/g. *Abelmoschus esculentus*.
5g packet

Simpson Okra - Certified Organic

Grown by Care of the Earth Community Farm

Straight, light green pods similar to Clemson Spineless. Plants are of medium height and well-branched. An heirloom from the Simpson family in Rogersville, TN that has been grown at least as far back as the 1940s. Very productive for Care of the Earth Community Farm in Corryton, TN in both dry and wet years; also the most productive okra in trials at Territorial Seed Company. Handles wet seasons better than Clemson Spineless. 56 days. 14 seeds/gram. *Abelmoschus esculentus*. 5g packet

Hot Peppers

Beaver Dam Hot Pepper - Certified Organic

Grown by Twin Oaks Seed Farm

Beautiful bright red peppers that start out light green and have mild to medium heat. 6-7 inches long, 2-3 inches at the top and tapered. Very sweet when used red, in addition to being hot, and mild enough that you can use a good bit without overpowering the dish. We got seedstock from Christopher Hoetschl, through the Seed Savers Exchange yearbook. Plants are very productive, somewhat small, and bear early. 70 days. 125 seeds/g. *Capsicum annuum*. 0.6g packet

Datil Hot Pepper

Grown by Edmund Frost

Beautiful orange hot peppers, cylindrical in shape and about two inches long. Flavor is fruity and aromatic, quite hot but slightly milder than a habanero. We've been making great hot sauce from these, both orange and green, both fermented and vinegar-based. This variety comes from Saint Augustine, Florida. 100 days. 160 seeds/gram. *Capsicum chinense*. 0.5g packet

Veracruz Jalapeno - Certified Organic
Grown by Care of the Earth Community Farm

Lalo at Care of the Earth Community Farm received this unnamed variety from his mother Ofelia in 2016. It is originally from the southern Mexican state of Veracruz, where it is used for fresh green chiles and for chilpotles. It has medium-thick walls, a wonderful, fruity flavor, and is spicy (spicier than Early Jalapeno). It also ripens well and dries well. Most fruits are conical; however, some are more square (squarer fruits have some tendency to fungal growth in the seed cavity at full ripeness, and Lalo and Megan have been choosing away from that shape). Fruits are longer and less stocky than Early Jalapeno, at 3-4". They exhibit checking as they mature, though green fruits can be picked without checking.

The 36" tall plants have good architecture, and although not stocky, they do not have problems with lodging. Leaves are fuzzy. Good leaf cover, and we haven't had problems with sunscald or any other diseases with this variety. Veracruz Jalapeno is more productive than Early Jalapeno, although 10 days later. It handles both wet and dry periods well and is particularly a standout during drought. It produces until first frost.

Lalo and Megan have been growing and adapting this variety to their farm since 2017. They will share profits of these seeds equally with a group of local farmers in El Sauzal, Veracruz, Mexico and a local food pantry in Juan Diaz Covarrubias, Veracruz, Mexico, as part of their cooperation with the last few local, sustainable vegetable farmers in Hueyapan and Los Tuxtlas, Veracruz (The Hueyapan Project). 74 days. *Capsicum annuum*. 0.5g packet.

Sweet Peppers

Brazilian Orchid Pepper - Certified Organic
Grown by Living Energy Farm

These spectacularly shaped red peppers are very sweet and crisp, with just a little spice near the seeds (spiciness varies a bit between plants, but all are mild). 4-5 foot plants need most of the growing season here in Virginia. Seedstock came from Tom Frothingham, who had them at a seed swap at the 2013 SSAWG conference in Little Rock. 115 days. 120 seeds per gram. *Capsicum baccatum*. 0.6g packet

Doe Hill Pepper - Certified Organic
Grown by Living Energy Farm

These small (1.5-2") bright orange pimiento peppers are sweeter than any other pepper we've tried! Thick walls, small plants, healthy long-lasting fruits, beautiful color. The variety is an heirloom from the town of Doe Hill, in Highland County, Virginia. 120 seeds/g. 70 days. *Capsicum annuum*. 0.6g packet

Chocolate Cake Pepper - Certified Organic
Grown by Living Energy Farm

This is a productive, attractive and tasty sweet bell pepper. Bred by North Carolina farmer-breeder Doug Jones. Peppers ripen from green to a beautiful reddish-brown, and hold well on the plants. 120 seeds/gram. 75 days. *Capsicum annuum*. 0.6g packet

Jimmy Nardello's Sweet Pepper - Certified Organic
Grown by Living Energy Farm

This Italian sweet pepper is our grower Debbie Piesen's favorite for flavor and productivity. High yields start early and continue until frost. Fruits are long, red, and look like hot peppers, but with no heat. The fruits are not large, so they take some time to process in the kitchen, but the outstanding flavor is worth the extra cutting time. Excellent eaten raw, cooked, or mixed with hot peppers for a flavorful hot sauce. Thin walls make them great for drying. 72 days. 125 seeds/gram. *Capsicum annuum*. 0.6g packet

Ka'ala Sweet Pepper
Grown by Cambia Community

Small sweet red bell peppers, bred in Hawaii for tolerance to bacterial wilt and root knot nematodes. We noticed Ka'ala because it was the only pepper in our 2018 trial that didn't get bacterial leaf spot, and they looked and tasted great. Peppers are small (2 inches across at the top), sweet and productive in hot summer weather (they are slower to mature than most sweet peppers so we don't recommend them for the north). Also good green. 95 days. 130 seeds/gram. *Capsicum annuum*. 0.6g packet

Sweet Bullnose Pepper - Certified Organic
Grown by Twin Oaks Seed Farm

A red bell pepper that is consistently sweet and citrusy, but not at the expense of productivity, appearance, keeping quality or size. Twin Oaks Seed Farm has been selecting stock seed for more than five years with noticeable improvement for our conditions. This is the best-tasting red bell pepper we have found. 88 days. 115 seeds/g. *Capsicum annuum*. 0.6g packet

Pumpkins and Winter Squash

Chinese Tropical Pumpkin - Certified Organic
Grown by Living Energy Farm

Chinese Tropical Pumpkin has a rich creamy texture, high dry matter and brix (sugar) readings, bright orange interior and a lot of flavor (pumpkin and nutty). At harvest, fruit color is a mix of pink, green and blue, with a white bloom (like the white outer layer on some blueberries). During storage they ripen to a deep tan color. The pumpkins have moderate to deep ribs and average 4 pounds.

This seedstock comes from a Taiwanese hybrid called Crowning, via Hawaii grower Glenn Teves. It may have been grown for several generations in Hawaii. Most are round ribbed pumpkins as pictured, but about 20% are necked or barrel-shaped. In 2022 at Twin Oaks Seed Farm we successfully began a hand-pollination effort to improve the uniformity of shape, but the current seed lot doesn't yet reflect that. Chinese Tropical Pumpkin has good downy mildew resistance and was one of the top performers (in terms of yield, disease resistance and flavor) in Twin Oaks' 2014 and 2022 trials. In the past we thought of this variety as not being a long keeper - however the ones in the 2022 trial are keeping very well as of mid December. 110 days. 210 seeds/oz. *Cucurbita moschata*. 1/8oz packet

Cuban Neck Pumpkin - Certified Organic
Grown by Twin Oaks Seed Farm

Vigorous, extremely productive and downy mildew resistant plants produce beautiful neck pumpkins of varying shapes and sizes (approx. 7-15 pounds). Most ripen to a deep orange-tan, while some are mottled tan, and some are close to white; some have straight necks and some curved. They are a long season variety but there hasn't been any problem maturing the fruits in Central Virginia when planted by the end of May. 135 days. *Cucurbita moschata*. 1/8oz packet

Guatemalan Green Ayote - Certified Organic
Grown by Twin Oaks Seed Farm

Really good tasting squash with very unusual color. At least half are GREEN ON THE INSIDE. The rest are orange or chocolate. Very good sweetness and dry matter, and good keeping quality. Interesting and pleasant aromatic flavor - the greener ones have almost a spinach flavor. The green color deepens in storage, and comes out even more in cooking - some fruits that look orange-brown if cut open at harvest time would be green later. Matures in Central Virginia, but it takes the whole season. Excellent downy mildew resistance.

Edmund Frost got this variety from Jay Bost of Hawaii - it originally comes from the Lago Atitlan region of Guatemala. We've learned from Jay that there is likely some Chinese pumpkin crossed in. This has made the squashes less green on the whole, but also shortened the time to maturity and increased the productivity for our climate.

More details about ongoing work with the variety (from Edmund):

In 2020 I grew 12 plants and self pollinated each one. I measured yields and evaluated eating quality and interior color. In 2021 I grew small blocks of the five best 2020 selections to gather more information about each one. I found two clear favorites: 'Selection 81' was the only selection that has fruits with dark green interior, likely representing the original uncrossed Guatemalan genetics. It has very good eating quality but low yields, likely due to lateness. 'Selection 70' has a lighter green or green-orange interior, but much better yields. It also has very good eating quality. Also in 2021 I managed to cross these two selections together. In 2022 I grew the first generation of that cross, and the result is a medium-dark green fleshed squash that has moderate lateness and moderate yields. I expect the next generation to be more variable. In 2023 I will do another round of selection with the goal of finding plants that combine green flesh, relative earliness, productivity and eating quality. 150 days. 10 seeds/gram. *Cucurbita moschata*. 1.5g packet. *These seeds and their offspring are open-source, and not available for private intellectual property ownership. Pass on these words when you pass on the seeds!*

Resilient Fire Pumpkin - Certified Organic
Grown by Twin Oaks Seed Farm

New Release - Ongoing Development by Edmund Frost for Common Wealth Seed Growers. An Orange Halloween pumpkin bred to resist downy mildew - so that they grow well into October. They also have good vine borer resistance, an uncommon trait for *Cucurbita pepo* varieties. Average size is 11 inches in diameter. For Virginia and similar climates we recommend planting in mid to late June for harvest in mid to late October. Some percentage of plants (23% in 2022) will make pumpkins with skin that is too hard to carve. This is a trait Edmund has been selecting against (though in the future he may release a separate variety with the hard shell). Shapes vary from round to somewhat oblong, and they ripen to a deep orange color. They trended towards more oblong in 2022.

Resilient Fire Pumpkin comes from a cross between Magic Lantern, an orange carving pumpkin resistant to powdery mildew (which may also confer some downy mildew resistance); and an orange squash from Tamaulipas, Mexico called Tutume. Edmund got Tutume (PI 532389) and about a dozen other tropical Cucurbita pepo seedstocks from the USDA germplasm bank for a late-planted downy mildew trial in 2018. Tutume was the only squash that handled the downy mildew and produced well in the trial.

Its possible this variety has higher than average susceptibility to squash bugs - it has always done well at Twin Oaks Seed Farm in late plantings but struggled with squash bugs one of the times we planted them early. Consider using row cover on young plants if you have high squash bug pressure.

We'd love your feedback on this ongoing project!

204 seeds / ounce. *Cucurbita pepo*. 3.5g packet

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Seminole Pumpkin - Certified Organic

Grown by Living Energy Farm

Small tan pumpkins on downy mildew resistant vines. Sweet flavor and deep orange interior, though with a rather large seed cavity. The exterior ripens to a deep tan color, but they taste good and sweet when still partially green. Good keepers. Good as summer squash when picked small. Our seedstock has been intensively selected for sweetness, flavor, productivity and keeping quality. Average 3 pounds. 105 days. 280 seeds/oz. *Cucurbita moschata*. 1/8oz packet

South Anna Butternut - Certified Organic

Grown by Twin Oaks Seed Farm

High quality downy mildew resistant butternut squash bred for the South. Edmund Frost developed South Anna from a cross between Seminole Pumpkin and Waltham Butternut, and has been selecting for ten years for downy mildew resistance, productivity, flavor, brix, dry matter content, keeping quality, and general butternut shape. Exterior color is a deeper tan than most butternuts. The majority of fruits are 3-4 pounds, though they range from 1.5-5.5 pounds. South Anna will avoid the crop failure that can occur in years when downy mildew comes early, and provide a better quality harvest in years with average DM pressure. The healthier foliage leads to sweeter, riper fruits of a rich tan color. Brix, dry matter and flavor ratings of South Anna have been consistently higher than other butternuts in our trials at Twin Oaks Seed Farm. When used as a late planting, South Anna grows strong until frost, allowing for later harvests that will keep better into the winter. Because this variety is somewhat indeterminate, we often make two harvest passes, separated by a few weeks. This also helps extend the storage window, because the later-ripening fruits will keep longer and you can sell the earlier-ripening ones first. Strong, vigorous, fully vining plants.

120 days. 300 seeds/oz. *Cucurbita moschata*. 3g packet

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Thai Kang Kob Pumpkin - Certified Organic
Grown by Living Energy Farm

A Thai variety with good downy mildew resistance. 4-8 pound pumpkins are circular and flattened, with deep ribs and bumpy skin. Color ranges from tan to speckled green. A LOT of pumpkin flavor, and also sweet. These are good cut in half, baked and then cut up like a pie. The flavor is so rich it feels like you're eating pumpkin pie without the work (or the sugar, gluten, dairy, etc.)! Not high yielding. 115 days. 280 seeds/oz. *Cucurbita moschata*. 3g packet

Xiye Butternut - Certified Organic
Grown by Care of the Earth Community Farm

Newly developed by Care of the Earth Community Farm in Corryton, Tennessee! Xiye Butternut comes from a cross between San Jose Mountain Club Squash (from Costa Rica) and Waltham Butternut. This variety was bred, with the help of two SARE grants, specifically for resistance to downy mildew and to tolerate variable and unpredictable climatic conditions. Plants are fully vining and very productive, and the fruits have good flavor and sweetness. Squash is nutty and has a caramel or butterscotch flavor when roasted. Exterior color is an especially deep tan. Selection is ongoing for butternut shape, size (selecting for 4 lb. size), smaller seed cavity, dry matter content, flavor, and ability to store at least 3 months. Currently in the F6 generation. Expect slight variability still for all characteristics. Named in honor of climate activist Xiye Bastida. 107 days. 280 seeds/ounce. *Cucurbita moschata*. 3g packet

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Summer Squash

Golden Bush Scallop Summer Squash - Certified Organic
Grown by Living Energy Farm

These yellow patty-pan squashes are sweet and flavorful. Pick at 3-5 inches for best eating quality and production. Golden Bush Scallop isn't as affected by wilting diseases or vine borers as other summer squashes. Moderate resistance to downy mildew. 62 days. 370 seeds/oz. *Cucurbita pepo*. 1/8oz packet

Tomatoes

Arkansas Traveler Tomato - Certified Organic
Grown by Twin Oaks Seed Farm

Attractive round pink tomatoes with good flavor that don't split or crack. Fruits are about 2-3 inches in diameter. The large, indeterminate plants hold up pretty well to alternaria and early blight. A popular pre-1900 heirloom variety. We've been growing and stewarding this variety at Twin Oaks Seed Farm for Southern Exposure Seed Exchange for a number of years. 75 Days. 300 seeds/gram. *Solanum lycopersicum*. 0.2g packet

Barnes Mountain Orange Tomato - Certified Organic
Grown by Twin Oaks Seed Farm

Rich, sweet flavor and beautiful orange color in large beefsteak tomatoes. Very little cracking and splitting, and only very slight green shoulders. Small seed locules make it good for slicing. Great on a sandwich. 75 days. 280 seeds/g. *Solanum lycopersicum* 0.2g packet

Connie's Paste Tomato - Certified Organic
Grown by Care of the Earth Community Farm

A favorite at Care of the Earth Farm. Lalo and Megan have been selecting this seedstock for several years for disease-resistant, cowhorn-shaped, meaty paste tomatoes. Quite productive. Lalo received the variety from his brother Jorge, who got them from a neighbor named Connie in Rockaway, New York. Members of Connie's family had been growing them for several decades. May be an Italian Heirloom. Tomatoes average 135g. Although indeterminate in growth, the main harvest is over a 10 day period. 80 days. 300 seeds/gram. *Solanum lycopersicum* 0.2g packet

Garden Peach Tomato - Certified Organic
Grown by Twin Oaks Seed Farm

With only a little imagination these really do look and feel like small peaches. The yellow fruits have fuzzy skin and blush pink when ripe. Surprisingly rich flavor. Resistant to splitting and can be left on the plants a long time. 70 days. 610 seeds/g.
Solanum lycopersicum 0.2g packet

Hillbilly (Regular Leaf) Tomato - Certified Organic
Grown by Care of the Earth Community Farm

An absolutely beautiful yellow, orange, and red streaked heirloom from West Virginia. Disease-resistant and productive. The best producing "German-type" tomato for Care of the Earth Community Farm. Plants are shorter, like Cherokee Purple. Tomatoes average close to 1lb, although they can be larger. Low-acid but flavorful and good for slicing. Most tomatoes are round; stumpier tomatoes have larger cores and should probably be avoided for seed saving. 80 days. 280 seeds/g. *Solanum lycopersicum* 0.2g packet

Quadro Tomato - Certified Organic
Grown by Twin Oaks Seed Farm

Red paste tomatoes that were the most productive variety in Living Energy Farm's 2014 tomato trial (also the most resistance to early blight and septoria). Really good flavor. We grow it at Twin Oaks Seed Farm every year as our main paste tomato for making sauce. Cracking is sometimes an issue, but we've been really successful in our selections for less cracking. This variety was bred in Germany by Harmut Spiel, as part of a Biodynamic vegetable breeding initiative. Large, indeterminate plants. 72 days. 300 seeds/g. *Solanum lycopersicum* 0.2g packet

San Marzano Paste Tomato - Certified Organic
Grown by Living Energy Farm

San Marzano is the the go-to paste tomato at Living Energy Farm, used for salsa, sauce and drying. They have been growing and selecting this seedstock for several years. The plants are healthy and productive, with indeterminate bearing. The flavorful, low-moisture fruits are about 1.5x4 inches and keep well, both in the field and after harvest. 75 days. *Solanum lycopersicum*. 0.2g packet

T.C. Jones Tomato - Certified Organic

Grown by Care of the Earth Community Farm

From Harry Jones of Cumberland County, Kentucky; named for his grandfather. The Jones family has grown this tomato for 3 generations. Large, healthy indeterminate plant produces 12-18 oz. yellow fruits that blush pink on the blossom end when ripe. Good balanced flavor. Very productive in a variety of conditions, resists early season diseases and cracking, production rivals hybrids by weight. Regular leaf shape. A mainstay at Care of the Earth Community Farm. 280 seeds/gram. 80 Days. *Solanum lycopersicum* 0.2g packet

Watermelons

AU Sweet Scarlet Watermelon - Certified Organic

Grown by Twin Oaks Seed Farm

Developed at Auburn University in Alabama for resistance to Anthracnose (races 1 and 2), Fusarium, and Downy Mildew (also Gummy Stem Blight, however subsequent research indicates the Gummy Stem Blight resistance wasn't successful). Released in 1993, this variety is not available commercially elsewhere as far as we know. We got seeds from the USDA germplasm bank. Melons are round, 10-15 pounds, and a bright deep red on the inside. The seeds are large but not plentiful. Rind is thin. Sweet, crisp and tasty. 86 Days. 280 seeds/ounce. *Citrullus lanatus*. 2g packet

Chou Cheh Red Watermelon - Certified Organic

Grown by Twin Oaks Seed Farm

This is an exceptionally sweet variety. Chou Cheh Red comes from Shaanxi Province, China, via the USDA seed bank (PI 435990). Small, oblong fruits average five pounds. Very productive and early, and forgiving of sub-optimal growing conditions (still sweet). Downy mildew resistant foliage, so grow any time in the season, early or late. Showed gummy stem blight resistance in a 2005 NC State trial.

72 Days. 20 seeds per gram. *Citrullus lanatus*. 2g packet

Crimson Sweet Virginia Select Watermelon - Certified Organic

Grown by Living Energy Farm

Crimson Sweet is well known and well loved for its crisp sweet flavor, storage and shipping ability, productivity, and resilience in the field. This improved seedstock has been selected for over 15 years by Pam Dawling of Twin Oaks Community in Louisa, Virginia - for flavor, sweetness, earliness and healthy foliage (you can read more about Pam's work at www.sustainablemarketfarming.com).

In trials at Care of the Earth Community Farm the Virginia Select strain held up the best to gummy stem blight - significantly better than regular Crimson Sweet. We've also noticed and appreciated its ability to withstand anthracnose and downy mildew. Debbie Piesen and Alexis Ziegler at Living Energy Farm are now stewarding this seedstock - they've tried a lot of other watermelons in the course of seed production work, and this is their favorite. 22 seeds/gram. 83 days. *Citrullus lanatus*. 1.5g packet.

**Yellow Moon and Stars Watermelon – Certified Organic
Grown by Twin Oaks Seed Farm**

These watermelons are like large, magical dinosaur eggs. The 15-25 pound oblong fruits are covered with stars and some moons, overlaid on a faint netting. Inside color ranges from lighter yellow to bright orange - the flesh is sweet and delicious, with a light apricot flavor.

Yellow Moon and Stars is a Georgia heirloom commercially introduced in 1987 by Southern Exposure Seed Exchange. We've grown seed crops at Twin Oaks Seed Farm for a number of years and it has been one of our favorites. The plants have good downy mildew resistance, better than the red moon and stars varieties, which have more northern origins. 230 seeds/oz. 90 days.

Citrullus lanatus. 1/8oz packet.