

Franklin County Master Gardener Volunteer Vegetable Trials Evaluation 2022



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Introduction

The 2022 Vegetable Trials project returned to more normal procedures during the growing season than the year before, since the Ohio State University required no protocols for Covid, allowing unrestricted volunteer participation. The Interns of the class of 2022 were able to participate, allowing them to complete research hours at the garden, and to experience varied duties.

The Vegetable Trials project is a research activity of The Ohio State University Extension Service's Franklin County Master Gardener Volunteer Program. The aim of the project is to plant vegetable varieties that could extend the diversity and productivity of commonly grown backyard and local foods and to evaluate their success in Central Ohio. We use good cultural practices that are within the reach of the home gardener. The project gives Master Gardeners the added benefits of developing their own skills and knowledge through working with other Master Gardeners and local university experts on a shared project. Most of the produce is contributed to food banks in the Central Ohio community. This report documents the results of the 2022 growing season, comparing twenty types of vegetables, including one to five varieties of each type. It reports on productivity data (including total weight harvested and length of harvest) and includes evaluative ratings made throughout the growing season.

After assessing all the data, the top producers were selected based on yield and performance. The list of these is compiled into a "Top Producers" handout, which is distributed by the Franklin County Extension Service to the public at Ask a Master Gardener booths and other public events. It is measured as the most picked-up fact sheet of those produced and distributed by the Extension Service. The Top Producers handout is included in Appendix B.

The top producers from the 2022 season, based on yield and performance, were:

Beans **Affirmed**

Cucumber	Early Fortune
Eggplant	Listada de Gandia
Lettuce	Parris Island Cos
Pepper	Big Boss Man Hybrid
Summer Squash	Goldfinch

The Veggie Trials Garden donated 3477 pounds of produce to food banks this year. Of that, 476 pounds was corn planted by the farm crew, 285 pounds extra summer squash including the extra 75' row of squash, and a small amount from volunteers' gardens. Donations went to B.O.L.D. (Bread of Life Distribution), Smoky Row Food Pantry, Star House, WARM (Westerville Area Resource Ministry), Clintonville Resource Center (CRC), and New Albany Food Pantry.

Method

The plot used in the 2022 Vegetable Trials is found within the Waterman Farm, a part of The Ohio State University's Agricultural Research and Development Center, located at the northwest corner of Kenny Road and Lane Avenue in Columbus, Ohio. The plot is 125' by 75' in size. A diagram of the 2022 plot appears in Appendix A. The plot is organized into the following three areas:

1. On the south side there are ten raised beds which are 4' by 12' each.
2. Eleven cultivated field rows, divided by 5' paths. Ten of the rows were divided into three 20' segments, and one 75' row for summer squash and cosmos. The warm weather varieties occupied the field rows. All the winter squash varieties occupy four row segments adjacent to each other. All tomato varieties, the tomatillo, and cucumbers were trellised on cattle panels.
3. A small area with wildflowers is located north of the shed.

The area between the rows was covered with heavy black landscape fabric, reusing last year's fabric. Zinnias were planted at the end of each row segment, for color and for pollinator attraction.

The same number of plants were included in each row segment for each of the regular tomato, eggplant and pepper varieties. For other varieties, within each type of vegetable (e.g., beets, spinach), different varieties occupied the same amount of space in the plot or raised bed which enabled us to make a rough comparison of the productivity of the different varieties. Vegetable cultivars were chosen by subcommittees of Master Gardeners during the winter season and acquired from a variety of sources including Johnny's Selected Seeds, Burpee, and Seed Savers Exchange. In addition, some seed varieties were donated by Extension Service or were selected from the Extension's seed library. Two varieties of sweet potato slips were purchased from Steele Plant Company. The third variety of sweet potato was purchased from Johnny's Selected Seeds.

Plant varieties in the raised beds and the cucurbits grown in the field were direct-seeded. A number of raised beds required reseeding due to predation. The warm weather varieties (eggplant, peppers, tomatillo, and tomatoes) were sown as seeds using a germination mix and grown in OSU greenhouses for approximately six weeks. They were then hardened off by Master

Gardener volunteers in the two weeks prior to being transplanted to the field section of the plot. The plot was cultivated by the farm crew prior to planting. The seedlings were then transplanted into the plot. For a few weeks after planting, row covers were used to protect the plants in the raised beds from insects and other pests. Unfortunately, the raised beds weren't covered before severe predation occurred, from a number of groundhogs. Some plant varieties had to be replanted. Others suffered from the effects of these predations during the rest of the growing season, with yields reduced accordingly. A sound/flashing light deterrent system was tried, with little effect. Also, short plastic fencing and metal chicken wire was used to keep groundhogs from plants, with some success. Most effective was the use of baited live traps. Four groundhogs were trapped and removed.

Weather Report

Temperature, precipitation and Growing days during the 2022 crop year

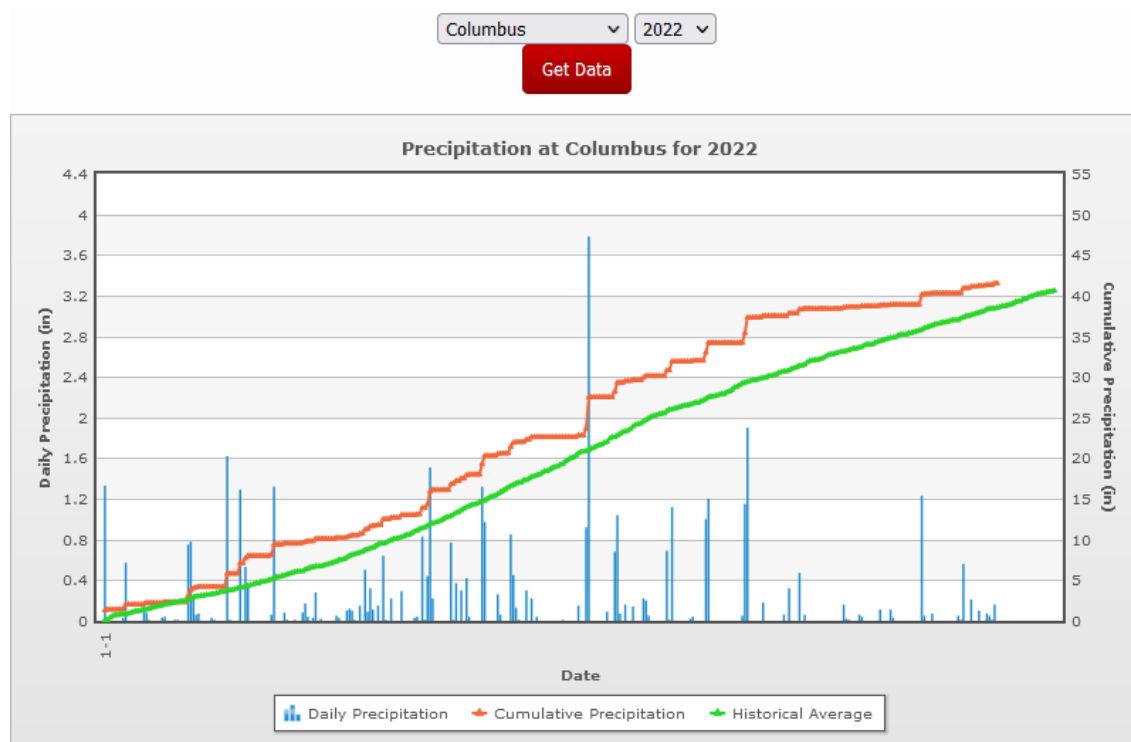
2022	Growing Degree Days at end of month	Growing Degree Days in month	2022 Temp.	2022 Precip.	Norm Temp.	Norm Precip	Temp. difference from norm	Precip. difference from norm
March	136	118	45.3	2.29	42.6	3.84	2.70	-1.55
April	289	153	50.5	3.32	53.7	3.68	-3.20	-0.36
May	802	513	66.2	8.69	63.9	4.37	2.30	4.32
June	1495	693	73.1	2.50	72.4	4.40	0.70	-1.9
July	2292	797	76.4	7.93	75.6	4.58	0.80	3.35
August	3028	736	73.9	3.22	74.6	4.06	-0.70	-0.84
September	3552	523	67.3	3.14	68.0	3.41	-0.70	-0.27
October	3767	215	54.1	.60	55.9	3.16	-1.80	-2.56

Temps in Fahrenheit. Precipitation in inches.

March 30, 2022 saw a record temperature of 80, whereas 59.5 degrees is the average temperature for that date. In general though, 2022 had a rainy spring, which did delay some of our planting, especially since the weather was a bit on the cool side for May. Our last frost date was April 20, 2022. July 6th saw 3.78" of rain, the highest one day rainfall of the year. Then the summer temperatures were cool enough to prevent quick growth. Our first frost date for the end of season 2022 was October 20th and this was a dry month.

Data derived from sites <https://nowdata.rcc-acis.org/iln/> and <https://weather.cfaes.osu.edu/gdd/>.

To see rainfall amounts and soil temperatures for specific dates, click on the link below the next chart to interact with the data in the chart.



Precipitation and Soil Temperature from 1/1/2022 to 12/31/2022 at Columbus – Metric

Data from <https://weather.cfaes.osu.edu/precipitationgraph.asp?locationid=14&startyear=2022>.

Vegetable Evaluation Data

A discussion for each group of vegetables follows, including a description of each cultivar (usually from the seed catalog where the seeds were purchased), days to harvest, seed source, overall rating for the season, yield data, and comments about pests and other problems encountered.

In the tables below, the “overall rating” refers to the 1-5 scale. The rating used is the “mode” (most frequently occurring value) is used in place of the arithmetic mean (“average”) because the categorical judgments that we make are qualitative data for which arithmetic means are not appropriate. The “harvest date” refers to the date of the first significant harvest that included more than one or two fruits. The cultivars listed below were evaluated by the participating Master Gardeners weekly from June 27, 2022 through October 24, 2022 using a Likert scale ranging from 1 (“perfect condition”) through 5 (“dead”). Half were evaluated by the group that met on Mondays; the other half by the Thursday gardeners. Once a cultivar was categorized as “dead” (5), the data analysis was discontinued.

Warm-Season Crops

Beans

Affirmed. “Plants are upright and compact, producing high yields of straight, attractive, 5–6", deep-green pods. Good disease resistance. More uniform beans, more upright plant habit, and more concentrated set than Cosmos, which it replaced. High resistance to anthracnose, bean mosaic virus, halo blight; and intermediate resistance to bacterial brown spot. 56 days. Johnny’s Selected Seeds



Goldilocks. “Beautiful bright yellow beans. The avg. 5–6" pods are straight, attractive, flavorful and borne on large, upright plants. Good heat tolerance. Formerly known as BSC 825. PVP pending. High resistance to anthracnose, bacterial brown spot, and bean mosaic virus.” 52 days. Johnny’s Selected Seeds



Painted Pony. “A great dual purpose bean. Long thin pods are stringless and good for snap beans. The dry beans are excellent for soups and retain their markings when cooked. Very productive. Bush habit, 60 days for snaps, 80 days for dry beans.” 60 days for snaps, 80 for dry. Seed Savers Exchange



A 20’ row for each of the three varieties was direct seeded in the field on 6/4/2022. Once the beans emerged, they were protected with row covers from 6/13 until 7/7 to protect them from predation. Foliar loss from both animal herbivores and insects was first noted after the protective covers were removed and increased over the next few weeks. Harvest began for the yellow and green beans at the end of July and continued through the first half of September. By early September, the pods on the green and yellow beans showed signs of insect predation which limited their edibility. While an early harvest of fresh Painted Pony (the shell bean) took place at the end of July, we then left the pods on the plants to allow them to fully mature and resumed harvest at the end of September when the pods had dried and the beans were fully mature, completing their harvest in mid-October. Affirmed, the green bean, was the most productive of the three. While Painted Pony appears to be not very productive, it must be remembered that the process of leaving the pods to fully mature on the plant of necessity prevents the plant from forming additional fruit. The 7.5 pounds of mature pods yielded 29 ounces of dried beans which provide nutrition beyond the end of the growing season.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Affirmed	1.8	51	7/25/2022	52	9/15/2022	37.6
Goldilocks	1.8	51	7/25/2022	45	9/8/2022	26.3
Painted Pony	1.5	54	7/28/2022	77	10/13/2022	7.5

Carrots

Red Cored Chantenay. “This popular variety has sweet orange flesh, wide shoulders, thick, edible roots, and a red-orange core that gives the variety its name. Easy to grow—prepare and enrich the soil with nutrients, and a prolific harvest will result. The 6" roots are great for soups, canning, or fresh eating. Introduced by C.C. Morse & Company in 1929. 70 days.” Seeds Savers Exchange

Touchon. “HEIRLOOM. Sweet and tender, quick to mature. ‘Touchon’ is considered the best of the Nantes-type carrots for fresh, crunchy eating. Works wonders fresh, glazed or roasted, in soups and stews. Free from hard fiber, this sweet and tender favorite French heirloom quickly matures to about 6" long and 1" across.” 65 days. Burpee

A 10' row of Touchon was planted on 6/9/2022. A 10' row of Red Cored Chantenay was planted on 6/13/2022. Unfortunately the groundhogs damaged the plants so severely that no harvest was recorded.

Cucumber

Early Fortune. “Also known as Special Dark Green, this variety was introduced around 1910 by the Jerome B. Rice Seed Company of Cambridge, New York. It originated with George Starr of Royal Oak, Michigan, who discovered it in a crop of Davis Perfect (now extinct). Fruits measure 8" long. 55-60 days.” Seed Savers Exchange



Silver Slicer. 60 days. Prolific, creamy white cucumber with crisp texture and delicious flavor. This thin skinned, refined heirloom from the breeders at Cornell University produces stunning, white fruits with thin skin that never gets bitter. Dr. Sally Miller’s seeds



Thirty seeds of Early Fortune and Silver Slicer were planted in the field on 6/4/2022. Two Early Fortune and nine Silver Slicer were reseeded on 6/13/2022. Five-foot cattle panels were used to support both cultivars. On 6/20/2022 there was predation of several plants leading to reduced yields.

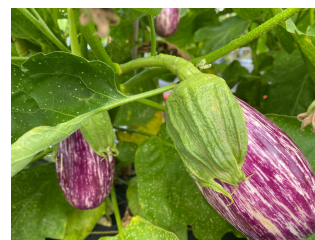
Early Fortune outproduced Silver Slicer by a significant amount. Both varieties suffered predation not only from groundhogs, but also cucumber beetles. Hand removal of eggs and adults helped reduce, but did not eliminate damage to the plants.

As part of Dr. Sally Miller’s cucurbit study on Downy Mildew, plants were assessed for this condition. None were affected during the 2022 growing season. Dr Miller’s reports can be found at <https://u.osu.edu/vegnetnews/author/miller-769-2/>

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Early Fortune	1.5	51	7/25/2022	52	9/15/2022	77.8
Silver Slicer	1.5	51	7/25/2022	56	9/19/2022	45.9

Eggplant

Listada de Gandia. “Listada de Gandia is a treasure. This prized variety bears sweet, tender, thin-skinned, stunning eggplant. It likely originated in Spain (its name translates as “Grown in Spain”), where it is still revered today. The small 14" plants produce heavy yields of high-quality, 8" oval white fruits with purple stripes and mild white flesh. The variety thrives in very hot weather. 80-90 days from transplant.” 80-90 days. Seed Savers Exchange



Orient Express. “The most dependable Asian eggplant. High-yielding plants produce armloads of attractive, slender, and glossy fruits 8-10" long by 1 1/2-2 1/2" diameter. Ready up to 2 weeks before other early varieties and sets fruit in cool weather and under heat stress. Tender, delicately flavored, and quick cooking. NOTE: Has a tendency towards slow emergence, and may need more time to germinate than other eggplant varieties. Purple calyx.” 58 days. Johnny’s Selected Seeds



Twenty-four seeds of Listada de Gandia and Orient Express were seeded in the greenhouse on 4/11/2022. When the plants were taken out of the greenhouse to be hardened, 15 Listada de Gandia and 20 Orient Express were viable to be fostered. Fourteen of each variety were planted in the plot on 6/4/2022. Three-foot stakes were used to support the plants.

In July fruit was setting on Orient Express and Listada de Gandia eggplants and some small insect damage was occurring on the foliage, especially on the Orient Express. The flea beetles created small holes in the leaves and gave the foliage a “shot hole” appearance. Young plants are particularly susceptible to this. In spite of the flea beetle damage to the foliage, the plants continued to produce bountiful flowers and fruit.

August continued with healthy, large quantities of fruit and flowers on the Orient Express and Listada de Gandia eggplants and flea beetle and fungal damage on the leaves. There was more splitting and zippering on the Orient Express fruit, a product of uneven moisture due to heavy rainfall several times over the summer. There were a lot of Orient Express and Listada de Gandia eggplants to harvest.

During September the eggplants continued to produce fruit and flowers, but at a slower pace. The Orient Express continue to have damage on the fruit and both have foliage damage.

The Orient Express and Listada de Gandia eggplants are slowing down in October. While both are still producing flowers and fruit, the fruit is smaller and foliage damage continues. After harvesting eggplants, the plants were removed the week of October 17-23.

Listada de Gandia was selected as a 2022 top producer, producing 108.6 pounds compared to Orient Express's 71.7 pounds.

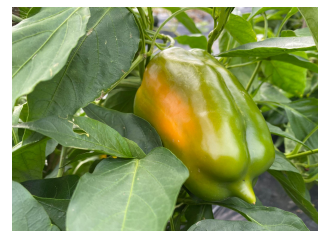
Cultivar	Overall Rating	Duration from seed to first Harvest (days)	Duration from transplant until Harvest	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Listada de Gandia	1.5	108	54	7/28/2022	81	10/17/2022	108.6
Orient Express	1.5	94	40	7/14/2022	95	10/17/2022	71.7

Peppers

Big Boss Man Hybrid. “Big and bold with sensational flavor and just-right mild heat. From first harvest on, ancho-poblano hybrid flourishes outsized yields of extra-large 7" x 3" fruits. How hot is it? Pepper’s Scoville rating is 1500-4000. That’s hot, but far from incendiary. Big, bold, dark-green fruits deliver sensational flavor and just-right mild heat. Disease resistance: TMV.” 80-90 days. Burpee



Orange Bell. “The best tasting orange bell pepper we have grown. Given to SSE by member Alex Heklar in 1989. Blocky 4" bell peppers have thick walls and excellent flavor. Heavy yielding. Can also be eaten green. 90 days from transplant. Sweet.” Seed Savers Exchange



Sheepnose Pimento. “An Ohio heirloom from the family of SSE member Nick Rini dating back to at least 1940. Tomato-type peppers are exceedingly flavorful with sweet juicy flesh. Very meaty, good for canning. Keeps for an extended period when refrigerated. 70-80 days from transplant. Sweet.” 70-80 days. Seed Savers Exchange

Slovana Hybrid. “Nonstop harvest of delicious, gemlike 4½ oz. neon-golden peppers sparked with rich flavor with a delicate sweetness. ‘Slovana’ unleashes a nonstop harvest of delicious, gemlike 4½ oz. neon-golden peppers sparked with rich flavor with a delicate sweetness. Compact 17–26" plants are loaded with glowing pyramidal



6" x 2" fruits that transition from light-green to pale-yellow at maturity. Delightful fresh or roasted." 65-70 days. Burpee

Compared to almost any other kind of vegetable in this year's study, the peppers were outstanding during the 2022 season, producing well and being, as a group, healthy from germination through the end of the season. There are, however, multiple ways to compare these four cultivars with each other.

The first of these is germination rate. Twenty seeds of each of the four cultivars were started in the greenhouse on 3/25/2022 to ensure that we would have a sufficient number germinating to provide a desired 14 of each variety to be transplanted once the weather and soil were sufficiently warm. When the plants were taken out of the greenhouse to be hardened, germination success showed 20 Slovana Hybrid, 19 Big Boss Man Hybrid, 19 Sheepnose Pimento, and only 15 Orange Bell sufficiently healthy to be fostered. The best 14 of each variety were transplanted in the field on 6/4/2022.

A second basis for comparison is yield. On this dimension, Big Boss Man Hybrid was the most productive at 91.1 pounds, followed by Slovana Hybrid at 84.8 pounds, and more distantly by Orange Bell (71.4 pounds) and Sheepnose Pimento (62.1 pounds). Notably, an inspection of our worksheets shows that Big Boss Man and Slovana added to the contribution from the plot on all but one of the 26 harvests beginning on July 21 and continuing until the last harvest of the season. Aside from an unusual early Orange Bell harvest noted on the attached table, repeated harvests from each of the Orange Bell and Sheepnose Pimento were delayed until early August and did not occur regularly for an additional three weeks. This is in part due to the extra time that the fruit of these two cultivars remained on the plant to allow them to turn orange (Orange Bell) or red (Sheepnose Pimento), a change associated with increased nutritional value. Color changes in the Big Boss Man and Slovana Hybrids were more rapid, allowing them to be harvested at full maturity for an extended period of time.

The third basis for comparison is drawn from our weekly evaluation datasheets. While the pepper plants were, as a group, very healthy and received high evaluations from the beginning of the growing season until our second, heavy frost, there were differences in the quality of the fruit among the four cultivars. Big Boss Man and Slovana fruit were almost without exception well-formed and disease and insect resistant. This was less true of the fruit from the Orange Bell and Sheepnose Pimento cultivars. From the earliest harvest in July, the comments noted instances of fruit damage (zippering, malformation), of slow or non-uniform ripening among the plants of both these varieties, of challenges to plant health due to heavy fruit (Orange Bell) despite the fact that the plants were supported by three foot stakes, and of uneven plant growth among the 14 plants (Sheepnose Pimento).

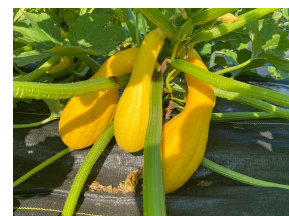
These data suggest the advantages of the Big Boss Man and Slovana cultivars over the other two varieties tested in the 2022 season.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	Duration from transplant until harvest	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Big Boss Man Hybrid	1	118	47	7/21/2022	88	10/17/2022	91.1
Orange Bell	1	94	23	6/27/2022	112	10/17/2022	71.4
Sheepnose Pimento	1	118	47	7/21/2022	88	10/17/2022	62.1
Slovana Hybrid	1	118	47	7/21/2022	88	10/17/2022	84.8

Summer Squash

Burpee's Best Hybrid. "Earlier harvests, out of this world yields, and exceptional vigor. Burpee Exclusive. Hail, the new Zucchini King, the new triple-crowner ruler of the zucchini patch. Brings zuke-lovers an earlier harvest, out of this world yields and exceptional vigor. Burpees Best is your go-to zuke for rich, buttery flavor and refined texture. Spine-free plants yield plentiful full-size 6-8" deep-green fruits." 40 days. Burpee

Goldfinch. "Convenient open habit. Excellent early, steady yields of beautiful, tender yellow squash perched on a long central stem. The wide-open plant habit and medium spines make for easier harvests. The upright growth lends itself well to container growing. Bred by Dr. Lindsay Wyatt at Johnny's. 50 days. Johnny's Selected Seeds



Seventeen seeds of both varieties were seeded in the field on 6/4/2022. Five Burpee's Best Hybrid and four Goldfinch were reseeded on 6/13/2022. Unfortunately in June the Burpee's Best Hybrid was severely eaten back, probably by a groundhog. By mid-July, the Burpee's Best Hybrid plants continued to experience heavy predation. By mid-August they were half gone. By the end of August, there were still some flowers and fruit. Unfortunately the yield was very small, only 14.2 pounds.

On the other hand, in mid-July Goldfinch had lots of flowers and fruit which continued until at least August 8th. By the end of August, Goldfinch still had some fruit and flowers. The last harvest was on September 19th. The total yield for Goldfinch was almost 160 pounds.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Burpee's Best Hybrid	3	47	7/21/2022	53	9/12/2022	14.2
Goldfinch	1.8	37	7/11/2022	70	9/19/2022	158.8

Sweet Potatoes

Beauregard. Beauregard sweet potatoes are an outstanding release that has been accepted by farmers everywhere. Chances are this is the variety that is available in your local market. Red-orange outside color and orange inside color. Quick maturing with good shape. 90-100 day maturity. Steele Plant Company

Bonita. “New white variety out of Louisiana, this variety has light colored skin with a pink cast and a white colored flesh that may have some yellow tint. It allows for various cooking uses. 95 day maturity.” Steele Plant Company

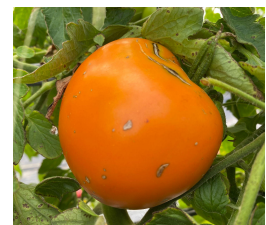
Mahon Yam. “Exclusive! Sweet flavor and no strings. A unique sweet potato with bright pink skin and deep-orange flesh. A clear favorite in Johnny's taste tests. Extra sweet. No need to add sugar when cooked. Very good yields of uniform, blunt-ended roots in a very concentrated set. Excellent storage potential when cured properly. An exclusive selection developed over 20+ years by organic grower John Mahon. Despite the name, this variety is a sweet potato, not a yam.” 90 days. Johnny’s Selected Seeds.

The sweet potato slips for Beauregard and Bonita were planted on 5/31/2022. Unfortunately on 6/1/2022 some of the Beauregard and Bonita slips were eaten so we covered the remaining slips with row covers. Mahon Yam slips were planted and covered on 6/4/2022. We removed the row covers on 7/7/2022. A few of the sweet potatoes were harvested 9/29/2022 to see if they were ready. The remaining sweet potatoes were harvested with help from the farm crew on 10/20/2022. The yields this year were much lower than in previous years, probably due to the loss of entire plants early in the season by groundhogs. Aside from the ground hog predation, all varieties exhibited good growth habit and had minimal, if any, insect damage. Some Beauregard plants recovered after being eaten, and Beauregard had the highest yield of the three varieties planted. Potatoes were varied in size and shape. Bonita plants suffered most plant loss with a resulting yield lower than Beauregard. The Mahon yams did not experience plant loss due to the ground hogs. Plant growth was robust, however the yield was disappointing. Uniformity of shape was not as advertised, although the flavor is very good.

Cultivar	Overall Rating	Planted	Duration from slips to harvest (days)	First Harvest	Length of Harvest (days)	Total Yield (lbs.)
Beauregard	1	5/31/2022	121	9/29/2022	21	74.8
Bonita	1.5	5/31/2022	121	9/29/2022	21	56.6
Mahon Yam	1	6/4/2022	138	10/20/2022	0	46.3

Tomatoes

David Davidson's. “Given to SSE by member Robert Bell, who indicated the variety is a Tennessee heirloom from David Davidson. Mid-size orange globe tomatoes grow in clusters of up to 7 fruits. Variable shape with some



ribbing and pointed tips. Great flavor with hints of citrus. Keeps well. Indeterminate, 90 days from transplant.” Seeds Savers Exchange

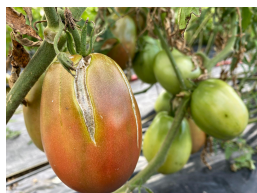
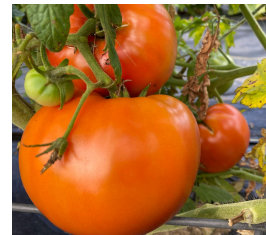
Estiva. “Exclusive! Delicious slicer with impressive heat tolerance. 7-9 oz. tomatoes resist cracking and are remarkably uniform. High production and premium flavor in a mid-size fruit. Balanced plant habit is well-suited for high tunnels. Bred for tunnel production in the Mediterranean region, Estiva is known for its uncanny ability to set fruit in excessive heat, and it produces fully-loaded trusses of deep red fruit over a long season. High resistance to *Fusarium* wilt races 1, 2, tobacco mosaic virus, and *Verticillium* wilt. Indeterminate.” 70 days. Johnny’s Selected Seeds



Golden Fresh Salsa Hybrid. “A gourmet garden breakthrough. Salsa lovers, your tomato is here. You can chop this tomato into tiny cubes that will remain perfectly firm and solid. Large, plum-shaped and dripless, Fresh Salsa is all meat-ideal for sassy salsas, bruschettas and light Italian sauces. The determinate, bushy plants are loaded with sweet 4-5 oz. fruits, 2-3 1/2" long by 2" in diameter. 65-75 days. Burpee



Goliath. “An all around timeless classic. Introduced in 1995 to compete with Park’s Whopper and Burpee’s Big Boy. The original Goliath, a European sister to Big Beef which had won AAS honors just a year earlier, was a magnificent blemish-free, bright red fruit weighing 10-15 oz. Flavor was superb: the perfect balance of acids and sugars to give it that old-timey, real tomato taste. For productivity combined with great taste and disease resistance, the Goliath Original is one of the greatest home-garden varieties yet bred. Indeterminate.” 65 days. From FCMGV Joe Stewart who purchased them from Seeds ‘N Such.



Ukrainian Purple. “(aka Purple Russian) Original stock of this variety came from Irma Henkel in Ukraine. Plum-shaped fruits are 3-4" long and weigh 6 ounces, generally crack-free. Great flavor, sweet and meaty. Plants are very productive. Indeterminate, 80 days from transplant.” Seed Savers Exchange

Twenty-four seeds of each variety were planted in the greenhouse on 4/11/2022. When the plants were taken out of the greenhouse to be hardened, 21 David Davidson’s, 19 Estiva, 19 Golden Fresh Salsa Hybrid, 24 Goliath, and 19 Ukrainian Purple were viable to be fostered. Fourteen of each variety were planted in the field on 5/31/2022, except Goliath which was planted 6/4/2022. They were planted 17” apart, each with a cup of Miracle Grow Plant starter and one cup of Lowe’s manure and compost. Five-foot cattle panels were used to support each plant.

One has to wonder how much the weather affected the tomato production this year. From a wet rainy start prior to and after planting the tomatoes on 5/31/22 for approximately 10 days followed by unusually hot, humid and dry June which no doubt left the vulnerable young

transplants thirsty and stressed. Many gardeners found blossom drop to be a huge problem because of the dry and hot conditions leaving very few blossoms available for pollination and subsequent fruit production. Despite a rough start for the tomatoes, they did survive and all of the varieties showed “lots of fruit and flowers.” Estiva (our repeat tomato) was this year’s top producer again for a second year. The weekly evaluation of the tomatoes coincided with the weather and weeks into the growing season. No losses this year due to typical tomato diseases and early blight was recognized and plants were trimmed for this. Our biggest disappointment was in the Ukrainian Purple (our heirloom choice). Described to be “crack free” we did not find this to be accurate. This particular tomato was challenged with cracking (splits and zippers) which resulted in less acceptable fruit that could be donated to the various food pantries.



Harvesting fruit at “breaker stage” is beneficial and results in more acceptable fruit going to the food pantries. But, with only a two day per week harvest schedule, many fruits are beyond this stage and subsequently split or succumb to critter damage.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	Duration from transplant until harvest	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
David Davidson’s	1	122	72	8/11/2022	74	10/24/2022	183.9
Estiva	1.5	115	65	8/4/2022	81	10/24/2022	216.6
Golden Fresh Salsa Hybrid	1.5	115	65	8/4/2022	49	9/22/2022	95
Goliath	1.3	115	61	8/4/2022	81	10/24/2022	147.5
Ukrainian Purple	1.3	115	65	8/4/2022	70	10/13/2022	169.8

Cherry Tomatoes

Hartman’s Yellow Gooseberry. “Originally from the J. M. Hartman and Daughters Seed Company in Indianapolis, Indiana. Hundreds of large yellow cherry tomatoes per plant. Mildly sweet flavor, adds good color to salads and salsa. Indeterminate, 75 days from transplant.” Seed Savers Exchange

Tommy Toe. “Exceptionally vigorous plants yield hundreds of large red cherry tomatoes throughout the season. The superb flavor won it top billing over 100 other varieties in an Australian taste test. Indeterminate, 70 days from transplant.” Seed Savers Exchange

Twelve seeds of each variety were planted in the greenhouse on 4/11/2022. When the plants were taken out of the greenhouse to be hardened, 12 Hartman’s Yellow Gooseberry and 12 Tommy Toe tomatoes were viable to be fostered. Seven of each variety were planted in the field on

5/31/2022. They were planted 17" apart, each with a cup of Miracle Grow Plant starter and one cup of Lowe's manure and compost. Five-foot cattle panels were used to support each plant. On 6/21/2022 one of the Hartman's Yellow Gooseberry tomatoes was removed because it was severely wilted.

This year's top producer for a second year was the Hartman Yellow Gooseberry and a top contender was Tommy Toe. Both varieties were described in evaluations with lots of fruit and flowers for a good 2 months during the peak of the growing season (July to September).

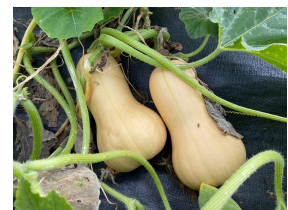
Cultivar	Overall Rating	Duration from seed to first Harvest (days)	Duration from transplant until harvest	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Hartman's Yellow Gooseberry	1	112	62	8/1/2022	84	10/24/2022	122.2
Tommy Toe	1	112	62	8/1/2022	84	10/24/2022	113.8

Winter Squash

Butterscotch. Exclusive! Tastiest small butternut. Sweet, rich, complex flavor. The perfect size for dinner (no leftovers) and ideal for growers selling at farmers' markets and filling CSA boxes. Matures early at 1–2 lb., with no curing needed before it can be enjoyed. Stores up to 3 months after harvest. Short vines. Intermediate resistance to powdery mildew. Our thanks to Cornell University for their help in developing this variety. NOTE: If growing for the 1-lb size, we recommend giving each plant only 6 sq.ft. of space. AAS Winner. Johnny's Selected Seeds



Burpee's Butterbush. HEIRLOOM. Space-saving plants. Delicious flavor. Regarded by many as the best tasting winter squash. Compact 3 bushes are a delicious, productive choice for smaller gardens. Each bush yields 4–5 butternut-shaped fruits. Heirloom favorite's rich, sweet, red-orange flesh is loaded with nutrition and succulent, delicious flavor. Fruits will keep for months. Burpee



Bonbon F1. Tasty, uniform, and high yielding. Looks like the perfect buttercup squash with smooth, deep green skin and a prominent gray "button" at the base. An improvement over the classic OP 'Buttercup (Burgess Strain)' in terms of flavor, uniformity, and yields. Avg. weight: 4–5 lb. AAS winner. Johnny's Selected Seeds



Thunder. A Kabocha that is very dark green, uniform in size and a very high yielder. The flesh is superior, dry and delicious. Seeds from Dr Sally Miller



Burpee's Butterbush and Bonbon F1 were seeded in the field on 6/4/2022. Butterscotch and Thunder were seeded in the field on 6/6/2022. Twenty-one seeds of all varieties were planted. Four seeds each of Bonbon F1 and Butterscotch were reseeded on 6/13/2022. All varieties were infected with mildew. However, plants were bedded close together and were often touching. Of the butternut varieties, Butterscotch and Burpee's Butterbush, the Butterbush had the shortest time to harvest (65 days) and the longest harvest period (66 days). However, total yields were similar. Notably, Butterbush had the shortest time to harvest of all varieties tested. When comparing the two buttercup like varieties, Bonbon F1 and Thunder, time from seed to harvest were similar and both had a short harvest period of approximately 1 to 2 weeks. Bonbon had the shortest harvest time (8 days) and yield (29.2 lbs). Thunder could be harvested over two weeks, with yield only increasing by 40%.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Butterscotch	1.5	84	8/29/2022	24	9/22/2022	48.5
Burpee's Butterbush	2	65	8/8/2022	66	10/13/2022	46
Bonbon F1	2	86	8/29/2022	8	9/6/2022	29.2
Thunder	1.5	84	8/29/2022	14	9/12/2022	41.3

Melons

Damaris. Damaris is an oval-shaped, extended shelf life melon with a solid disease package. Features a tight cavity with firm flesh. Seeds Savers Exchange



Mango Hybrid. Wake up your breakfast with a tropical flair. 'Mango', a delightful new melon with a mango accent, wafts a welcome breeze of mango-tinted sweetness, fragrance and luscious color to your family breakfast table. Hardy 14–24" plants carry on in colder weather; the go-to melon for gardens in the Northern US and Canada. Burpee



Mango Hybrid was seeded in the field on 6/4/2022. Damaris was seeded in the field on 6/6/2022. Fifteen seeds of each variety were planted. On 6/13/2022, five of the Mango Hybrid seeds were replanted.

In mid-July, Mango Hybrid had lots of flowers and fruit. By the first week of August, a lot of plants were dead. By the end of the month, they were completely dead. They smelled just like mangoes.

By the first week of August, Damaris started to die back. By the end of the month, they were dead. Damaris produced almost twice as much fruit as Mango Hybrid.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Demaris	1.8	49	7/25/2022	45	9/8/2022	124.2
Mango Hybrid	3.3	65	8/8/2022	31	9/8/2022	64.7

Cool-Season Crops

Beets

Babybeat. “Best mini beet. Babybeat is a true baby, which means that it is well-proportioned even when young. Unlike full-size beets harvested young, Babybeat forms a nice, round shape with a small taproot and smooth skin early in growth. The perfect size for cooking or steaming whole. Small, attractive tops.” 40 days. Johnny’s Selected Seeds

Avalanche. “Rich, sweet flavor, free of earthy notes. The unique taste of ‘Avalanche’—2015 AAS Vegetable Award Winner—can’t be beat. Hefty, rounded, white-fleshed 2-3" beet champion, offers rich, sweet flavor, free of earthy notes. For a deep, aromatic, profoundly delicious gourmet surprise, roast these beauties: cut them into wedges, add oil, bake till fork-tender, and sprinkle with salt. Amazing. Easy-growing ‘Avalanche’ delivers a big harvest and tip-top garden performance. Resistant to the leaf spot; will survive a bit of frost. Direct-sow seeds in spring, late summer, or early fall. In regions with mild falls and springs, sow every 3-4 weeks for a prolonged season of sweet white beet nirvana. 50 days. Burpee

Touchstone Gold. “Striking golden-fleshed beet. Smooth, golden roots with bright yellow flesh retain their color when cooked. Excellent, sweet flavor. Leaves and petioles are green. Very good germination for a golden beet.” 55 days. Johnny’s Selected Seeds

Babybeat was seeded in the greenhouse on 2/07/2022 by Ross Heart Health volunteers and transplanted on 4/25/2022 into a raised bed. Babybeat suffered from some predation several days after being transplanted. Avalanche and Touchstone Gold were directly seeded in a raised bed on 4/28/2022.

Because of predation probably by groundhogs, the yield was rather low.

Cultivar	Overall Rating	Duration from seed to First Harvest (days)	Duration from transplant to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
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Avalanche	NR		84	7/21/2022	49	9/8/2022	9.4
Babybeat	NR	129	52	6/16/2022	42	7/28/2022	11.6
Touchstone Gold	NR		49	6/16/2022	84	9/8/2022	10

Asian Greens

Shanghai Green Pak Choi Asian Greens. “If you love stir-fry—or just tasty vegetables—these easy-to-grow greens are a must! This popular pak choi matures early and has thick, dark-green leaves and light-green petioles shaped like an hourglass. This variety has excellent heat tolerance and adapts well to most areas provided temperatures stay between 50-80°F. Chefs and home cooks alike tout its tender leaves and excellent flavor. (aka Pac Choy, Bok Choy) 45-50 days full heads, 35-40 days baby choy. Seed Savers Exchange

Senposai Asian Greens. “HEIRLOOM. Fast growing, mildly sweet green ready in just 30 days! Instant gratification. Pick and enjoy this fast-growing, mildly sweet green 30 days after sowing. Resembling collard greens, ‘Senposai’ is the flavorful cross of cabbage and Japanese mustard spinach. Think lettuce, but with larger, more tender leaves, imparting rich savory taste. Heat-tolerant plants—with hardy, compact rosettes up to 12" high, spreading 18" wide—dependably grow all year. Burpee

Shanghai Green Pak Choi Asian Greens were directly seeded into half a raised bed on 4/28/2022. Several small Cross-striped Cabbageworm moth caterpillars were found on the Shanghai greens on 6/16/2022 and again on 6/21/2022. Senposai Asian Greens were directly seeded into half a raised bed on 4/21/2022. From the harvest data the Shanghai Green Pak Choi Asian Greens were basically eaten by the caterpillars—only 2.2 pounds were harvested. Whereas 10.4 pounds of the Senposai Asian Greens were harvested over a period of 49 days.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Shanghai Green Pak Choi Asian Greens	NR	54	6/21/2022	0	6/21/2022	2.2
Senposai Asian Greens	NR	56	6/16/2022	49	8/4/2022	10.4

Cabbage

Copenhagen Market. “This Danish historic variety was introduced by H. Hartmann & Company in 1909. Its solid heads reach 6-8" in diameter, weigh 3-4 pounds, and rarely burst. Medium-sized plants are ideal for small gardens. 63-100 days from transplant.” Seed Savers Exchange

Red Kalibos. “This beautiful Eastern European variety bears elongated, red cabbages framed by greenish-red outer foliage. The leaves of these dense 2-3 pound heads have a sweetness that makes them perfect for slaws and salads, or for use in pickling. A good keeper that adds an ornamental quality to the vegetable garden. 80 days from transplant.” Seed Savers Exchange

Copenhagen Market and Red Kalibos were seeded in the greenhouse on 3/01/2022 by Ross Heart Health volunteers and transplanted on 4/25/2022 into a raised bed with cutting celery or leaf celery (Johnny’s Selected Seeds). Both varieties of cabbages never fully formed so 7.5 lbs. of leaves were harvested on 7/28/2022 and then the plants were removed to make room for carrots.

Collards

Miss Annie Pearl Counselman. “This storied collard checks all the boxes! Its uniform, green leaves boast a sweet flavor without a sharp brassica taste. Its leaves grow upright to moderately spreading, reaching up to 2' long and 1' wide; plants average 2' tall and 2.5-3' in diameter. Longtime steward Miss Annie Pearl Counselman received this variety in the early 1950s. In 2012, at age 94, she shared it with Tom Lambard, who donated the variety to Seed Savers Exchange in 2015. 60-80 days.” Seed Savers Exchange

Miss Annie Pearl Counselman collards were directly seeded in half a raised bed on 4/28/2022. The plants remained at the end of the season and may be covered for the cold weather. They may continue to produce and may be harvested on occasion.

The last recorded harvest of the collards was on 10/13/22 when the garden was shut down. In reality as of mid-November the collards continue to provide greens for one of the food pantries.

Cultivar	Overall Rating	Duration from transplant to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Miss Annie Pearl Counselman	NR	70	7/7/2022	98	10/13/2022	13.2

Kale

Beira. “The traditional leaf kale (Couve Tronchuda) for Portuguese kale soup. This unique specialty from Portugal is also called Portuguese cabbage or sea kale. The taste and texture of the wavy green leaves are similar to collards. The thick, fleshy midribs and stems can be peeled and eaten like celery or included in the soup. Vigorous plants grow up to 2' high and 2' wide. Grow like regular kale but space plants 18–36" in order for plants to reach full size. Beira will tolerate only moderate frost. Best for spring or fall harvest as it tends to get tipburn in hot weather. 80 days. Johnny’s Selected Seeds

Dazzling Blue. “New! Blue-green strap leaves with bold purple midribs. Ideal for farmers' markets and specialty sales. Tall, vigorous plants grow quickly, especially for a Lacinato type.

Exhibits some variability in depth of color and leaf shape. Our thanks to Hank Keogh who bred Dazzling Blue in Oregon in association with Wild Garden Seed. Lacinato type kale is also known as "dinosaur" kale." 60 days. Johnny's Selected Seeds

Kalebration. "Exclusive! Gorgeous baby kale mix. A brilliant blend of rich greens and reds that shows deep color contrast in all growing slots. Striking the right balance of colors and textures, this mix can be marketed on its own or added to baby leaf lettuce. Strong regrowth allows for cut-and-come-again harvesting. Selected for baby-leaf production. Varieties are subject to change depending upon availability." 29 days from transplant. Johnny's Selected Seeds

Oldenbor. Standard green curly kale with attractive, tight leaf curl. Beautiful medium-green color, but not as dark as Winterbor. Uniform plant growth. High resistance to *Fusarium* yellows; and intermediate resistance to black rot. Johnny's Selected Seeds

Beira and Oldenbor were directly seeded in a raised bed on 4/13/2022. Dazzling Blue and Kalebration were seeded in the greenhouse on 2/22/2022 by Ross Heart Health volunteers and transplanted on 4/25/2022 into a raised bed. On 5/19/2022 some Beira and Oldenbor were thinned and the young plants were transplanted into the bed with Dazzling Blue and Kalebration. Unfortunately all the varieties of kale were targeted by the groundhogs. So we weren't able to compare harvest yields and just have a harvest weight for all the kale varieties together.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Beira	NR	113	8/4/2022	63	10/6/2022	8.8
Oldenbor	NR	110	8/1/2022	66	10/6/2022	3.7
MIXED	NR	various	6/9/2022	130	10/17/2022	21.9

Kohlrabi

Konan Hybrid. "2016 All-America Selection winner, delicious raw or cooked. Foodie friends assure us that kohlrabi will be the next breakout vegetable sensation. 'Konan,' a 2016 All-America Selection winner, is an all-star: extra-planetary good looks, lunar pale-green color, toothsome crunch, and sweetly refreshing, turnipy flavor. Smooth, globe-shaped, easy-slicing 4-6" bulbs are delicious raw or cooked, infusing salads and stir-fries with flavorful tang. Robust insect-resistant 18" plants produce a season-long harvest of tasty, nutrition-rich leaves, delicious raw or cooked. Housed in a container, 'Konan' never fails to ignite astonished admiration. Direct-sow seeds in early spring for late-spring harvest, or in midsummer for fall harvest. 40-45 days. Burpee

Delicatesse White. "This kohlrabi has it all - juicy, crunchy, and crisp stems and a slightly spicy, sweet flavor. The bulbs are light-green and round to slightly elongated, and the plants have light-green petioles with light-purple bases. The light- to dark-green leaves are mostly elliptical in shape (with the occasional obovate leaf) and have round-toothed margins. Variability occurs

from plant to plant, but each plant has uniform leaves; the plants grow 12-17" tall and reach 22-28" in diameter. Stems are 2" to just over 2½" long and approximately 2¾-3½" wide, and weigh 4.7-9.5 oz." Seed Savers Exchange

Konan Hybrid and **Delicatesse White** were seeded directly in the raised bed with radishes on 5/02/2022. The radishes were harvested on 5/31/2022. Both varieties of kohlrabi were small but well shaped and a nice size to be eaten raw for a snack.

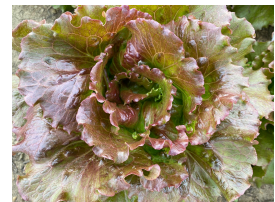
Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Konan Hybrid	NR	70	7/11/2022	35	8/15/2022	10.1
Delicatesse White	NR	87	7/28/2022	35	9/1/2022	11.7

Lettuce

Parris Island Cos. "Dating back to 1952, this HEIRLOOM lettuce is named after the actual Parris Island off the coast of South Carolina. Flavorful pale-creamy green heart is surrounded by thick green outer leaves on enormous upright plants. Parris Island Cos romaine lettuce seeds can be planted close together for a long harvest of baby leaves for gourmet salads. Given space and time to grow, Parris Island will form huge crazy size heads up to 12 inches tall. Even at this size, the leaves are tender and succulent, with mild flavor." 65-70 days. Burpee



Magenta. "A red Summer Crisp with good flavor. Shiny, slightly puckered, red-tinged leaves form a whorled, conical head with a crispy green heart. Ideal for spring and summer plantings. Tolerant to bolting, tipburn, and bottom rot. High resistance to downy mildew races EU 16, 21, 23, 32; and intermediate resistance to lettuce mosaic virus." 48 days. Johnny's Selected Seeds



Thirty six cells of each variety were seeded in the greenhouse on 3/25/2022. Excellent germination. Removed from the greenhouse on 4/26/2022 for hardening and transplanted in a raised bed on 5/02/2022.

Both the Parris Island Cos and Magenta were good performers. The Parris Island Cos was a romaine style head lettuce. The Magenta was a burgundy-colored wavy leaf head lettuce. They yielded very large, full, uniform heads. There was no insect damage or plant loss. The plants were uniform in size and appearance. They presented a beautiful harvest.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	Duration from transplant to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Parris Island Cos	NR	80	42	6/13/2022	8	6/21/22	21.6
Magenta	NR	83	45	6/16/2022	46	8/1/2022	17

Radishes

Easter Egg II. “Multicolor mix. Make beautiful bunches with this mix of red, purple, pink, and white round radishes. Maturing over an extended period of time, they stay crisp and mild even when large. Great fun for children and adults alike.” 30 days. Johnny’s Selected Seeds

Nelson. “A more refined French Breakfast type. Straight, candy-red roots resist pithiness better than other long French types. Compared to D'Avignon and French Breakfast, roots are shorter, wider, and show less white on the tips. Responds better to tight spacing. Improved top strength. NOTE: For longer, straighter roots, sow 15–20% more seeds per row 1/2 to 1 cm deeper, and do not irrigate unless absolutely necessary.” 21 days. Johnny’s Selected Seeds

Easter Egg II and Nelson were seeded directly in the raised bed on 4/21/2022. The Easter Egg II radishes variety were prone to split early.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Easter Egg II	NR	40	5/31/2022	27	6/27/2022	3.5
Nelson	NR	40	5/31/2022	58	7/28/2022	3.2

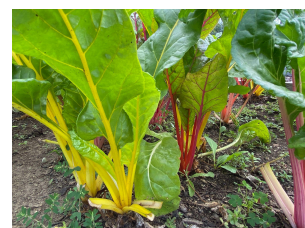
Spinach

Auroch. “Fast growing, upright variety for the winter tunnel. Very tall plants with very long stems. Leaves are dark green, very heavy, smooth, and flat with elongated oval shape. Suitable for picking at all growth stages. Performs best in fall, winter, and early spring. High resistance to downy mildew races 1–12, 14–16, 19.” 24 days. Johnny’s Selected Seeds

Auroch was seeded directly into half a raised bed on 4/21/2022. On 6/21/2022 after 61 days, we harvested 1.2 lbs and then prepped the bed for something else since we had a hot spell and it didn’t look very good. We did a fall planting when the weather cooled down and we covered it for winter so we are hoping to harvest some next spring.

Swiss Chard

Bright Lights. “The gold standard for multicolored Swiss chard. Nicely savoyed and glossy green or bronze leaves with stems of gold,



pink, orange, purple, red, and white with bright, pastel, and multicolored variations. Consistent growth rate, leaf shape and texture, and strong bolt resistance across all colors makes this a superior mix. Suitable for production year-round, but somewhat less frost-hardy than other chards. The late New Zealand amateur breeder John Eaton developed Bright Lights; Johnny's selects and maintains the different color stocks and produces the seeds. AAS winner.” 55 days bunching. Johnny’s Selected Seeds

Bright Lights Swiss chard was seeded in the greenhouse on 2/07/2022 by Ross Heart Health volunteers. Transplanted on 4/25/2022 into a raised bed. Unfortunately the young transplants were severely eaten, most likely by groundhogs. Fortunately in spite of the heat and dry weather, they recovered for a nice harvest.

The last recorded harvest of the Swiss chard was 10/17/22 when the garden was shut down. In reality as of mid-November the Swiss chard continues to provide well formed, pest-free thick-leafed greens for one of the food pantries.

Cultivar	Overall Rating	Duration from seed to first Harvest (days)	Duration from transplant to first Harvest (days)	First Harvest	Length of Harvest (days)	Last harvest	Total Yield (lbs.)
Bright Lights	NR	134	57	6/21/2022	118	10/17/2022	37.2

Master Gardener Volunteers

All volunteers in the 2022 evaluation project are members of the O.S.U. Extension Franklin County Master Gardener volunteer program. Karin Arnold, Chris Atzberger, Pat Claeys, Debbie Falter, and Lorraine Normore provided leadership from planning to final evaluation. Some volunteers were experienced vegetable gardeners, while others were still learning. Thanks to these Master Gardeners for their tireless efforts in planning, planting, maintaining, evaluating, and harvesting the plot throughout this usually hot and dry season:

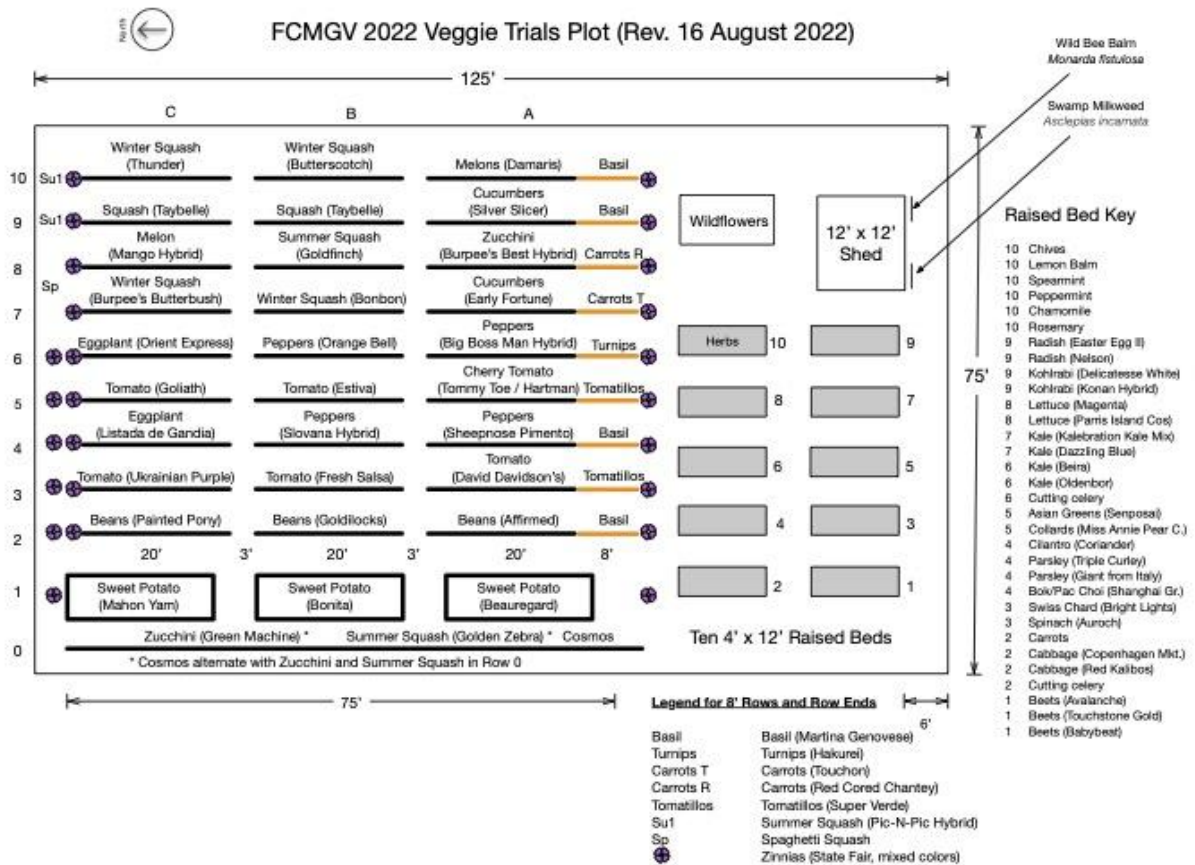
Sonya Albery, Jill Alexander, *Karin Arnold, *Chris Atzberger, Liz Bachwich, *Linda Bauer, Jana Bergfeld, Pam Bradigan, David Bush, Sheila Campbell, *Pat Claeys, *Stan Corr, Robin Donahey, Evelyn Tolliver, *Debbie Falter, Christine Farquhar, Shirley Flowers, *Gail Gross-Brown, Suzanne Guertin, *Diane Harry, Elizabeth Heiser, *Ann Henkener, Ryan Hipps, *Barb House, Christy Kuret, *Laurie Fomby, *Jodi Lombardo, *Nancy Loy, Kristi McClure, Melanie McClure, Joan McConnell, Mary McMichael-Liston, Susan Medor, *Monica Neil, *Lorraine Normore, Mahlon Nowland, Christine O'Brien, *Karen Pacht, Beth Renner, *Judy Rogers, Jennifer Saboley, *Stephen Carter, Debra Stewart, *Matt Telfer, Toye Thomas, William Thompson, Susan Walker, *Carol Williams, and David Wyckoff.

*Volunteered 12 or more hours.

Data for this report was compiled by Karin Arnold. The report was written by Karin Arnold, Chris Atzberger, Linda Bauer, Pat Claeys, Debbie Falter, Laurie Fomby, Barb House, Lorraine Normore, Judy Rodgers, and Carol Williams. Photos were taken and added by Pat Claeys.

Special thanks to Mike Hogan, Extension Educator & Associate Professor, Dept of Agriculture & Natural Resources, OSU College of Food, Agriculture and Environmental Sciences for his continual assistance and support; and to Tim McDermott DCM, Assistant Professor, Extension Educator, Dept of Agricultural and Natural Resources, OSU College of Food, Agriculture and Environmental Sciences for teaching two classes which especially helped us with the tomato harvest.

Appendices





Vegetable Trials Top Producers

What should I plant this year? To help home gardeners in Franklin County answer this question, Master Gardener volunteers manage the Vegetable Trials research garden. Each year, two or more varieties of the vegetables most popular among home gardeners are raised using good cultural practices and evaluated for plant health and yield.

The Vegetable Trials Top Producers handouts from previous years can be found at the link below. More detailed results of the annual Vegetable Trials are also available at:

<https://franklin.osu.edu/program-areas/master-gardener-volunteers/veggie-trials>.