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# 2022 Cultivar Trials of Bedding Plants



Horticulture Research and Demonstration Gardens  
Department of Plant Sciences



North Dakota State University  
Agricultural Experiment Station  
Fargo, ND

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# 2022 CULTIVAR TRIALS OF BEDDING PLANTS

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*Impatiens hybrid 'Solarscape' series*

# 2022 Cultivar Trials of Bedding Plants

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## Introduction

Performance trials were conducted on over 200 bedding plants in the Horticultural Demonstration and Research plots, a division of the Department of Plant Sciences at North Dakota State University.

The horticulture gardens are located on the corner of 12<sup>th</sup> Ave. N and 18 St. N, on the west edge of the NDSU campus. They are for education, research and display purposes and are open to the public, free of charge, throughout the growing season. Guided tours are also available and contact information for the gardens is located on page 9.

## Garden Areas

**Bedding Plant Trials:** These gardens are located directly off the small parking area on the east side of the gardens. This is an official display garden of All-America Selections (AAS); more information on this organization is on page 7.

**Daylilies:** Almost 2000 daylily cultivars are located in these gardens on the western edge of the garden area. An official garden of the American Daylily Society, this was the First Public American Hemerocallis Society Historic Daylily Display Garden and the majority of the cultivars are historic (registered with the society prior to 1992). Visit this area in July to see the peak bloom.



July 2022



Lenington All America Winners bed July 2022

**Meadow Garden:** This area consists of grasses and forbs native to the prairies of the upper Midwest. Little bluestem, prairie drop seed, needle grass, echinacea, asters and prairie smoke are just some of the plants in this area.



Flags indicate where new plants of *Schizachyrium scoparium*, *Sporobolus heterolepis* and *Bouteloua gracilis* were planted in 2022.

**Garden areas: (cont.)**

**Perennial Ornamental Grasses:** Both native and non-native perennial grasses are located here. *Schizachyrium* (Little Bluestem), *Calamagrostis* (Feather Reed Grass), *Miscanthus* (Japanese Silver Grass) and *Andropogon* (Big Bluestem) are some of the plants here.



**Xeric Planting:** This area consists of plants that are low maintenance and require less water once established. *Salvia yangii* (Russian Sage), *Echinacea*, *Nepeta* and *Baptisia* are some of the genera represented.



**Sun/Shade perennials:** This area receives both sun and shade so it includes perennials that are tolerant of different light conditions. Some genera here, such as hosta cultivars, are also planted in the full shade area for comparison.



**Garden areas:** (cont.)

**Shade planting:** This is a dry, shady area located under a grove of poplar and pine trees. There are mostly perennials here but there is also a small area for shade tolerant annuals.

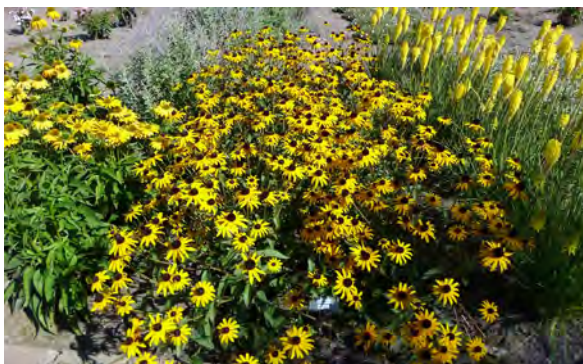


September 2022

**Accessibility Garden:** These raised beds are designed for gardeners who may be wheelchair bound or otherwise unable to bend or garden in ground level beds. This area is located directly off the parking area adjacent to 18<sup>th</sup> street. Different types of annuals are planted here.



**Darwin Perennials hardiness trials:** Darwin Perennials (a division of Ball Horticultural Company) has been sending perennials to the NDSU horticulture gardens since 2015 to evaluate for cold hardiness. Below are some *Rudbeckia* and *Veronica* planted in 2022.



**Garden areas:** (cont.)

**Small ornamental shrubs:** A small shrub demonstration area was added in June of 2021. Genera here include *Berberis* (Barberry), *Diervilla*, *Physocarpus* (Ninebark), *Potentilla*, *Spirea*, *Syringa* (Lilac), and *Weigela*.



**Bedding Plant Trials Culture**

The plants for the bedding plant trials were seeded in the horticulture and forestry greenhouse on the NDSU campus from January through April. Specific dates can be found in the report table on pages 10-62. When at the proper stage, seedlings were transplanted into cell packs containing a peat-based growing medium and finished in the greenhouses.

*Petunia* ‘Bees Knees’ and *Verbena* ‘Beats™ Purple + White’ were received as rooted cuttings on March 18. They were potted into cell packs with the same peat-based growing medium used for the seed started cultivars.

Six to 12 plants of each cultivar were planted into the sun beds and the accessibility bed June 2 and 3. The All-America Selections bed and shade annuals were planted June 6.

Hand weeding was done on a weekly basis but Razor® Pro<sup>1</sup> (glyphosate) was used for spot treating perennial weeds.

Miracle-Gro® Liquafeed 12-4-8 was foliarly applied June 7, July 5 and July 25.

Water was applied through drip irrigation (full sun beds) and overhead irrigation (shade beds).

**Weather**

Fargo temperatures for June-August were warmer than the 30 year average. Precipitation was lower in June but slightly higher in July and August than the 30 year average. (Table 1).

Table 1. 2022 and 1991-2020 June-August Average Temperature and Precipitation for Fargo, ND. <sup>2</sup>

	Average Temperature (°F)		Precipitation (inches)	
	2022	1991-2020	2022	Avg. 1991-2020
June	69	66.8	2.65	4.29
July	73	70.7	3.82	3.07
August	70	68.8	2.66	2.60

<sup>1</sup> Disclaimer-Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by NDSU or the ND Agriculture Experiment Station is implied.

<sup>2</sup> Temperature and precipitation data are from NDAWN and the National Climatic Data Center.

## Problems

There were no unusual growing challenges in the 2022 season.

## Events

The yard and garden day was held on August 9. A new activity was giving willing attendees two flags to pick their favorite sun annual. 247 total flags were put out and the winner with 18 flag votes was *Amaranthus caudatus* (Love-Lies-Bleeding)(below left). Second place with 17 votes was *Lisianthus* 'Voyage II Blue' (below right). Third place was *Pennisetum* 'Jade Princess' with 13 votes. The votes were very spread out with many cultivars receiving 1 or 2 votes. The report table (pages 10-62) indicates the number of flags other cultivars received.



## All-America Selections



The NDSU trial garden is an official display garden of All-America Selections (AAS). AAS was founded in 1932 as a way for home gardeners to learn about new and improved varieties of flowers and vegetables. The red, white and blue AAS logo (above) found on seed packets, in catalogs, and in garden articles usually indicates superior cultivars that have been tested in a variety of locations across the United States and Canada. At NDSU, winning varieties are grown in both the bedding plant trials and a separate garden dedicated solely to AAS winners.

For more information on AAS, visit their website: [all-americanselections.org](http://all-americanselections.org).



September 2022



2022 winners Sunflower 'Concert Bell' and Verbena 'Vanity'

These were the AAS winners planted at NDSU in 2022:

2017 winners:	2019 Winners:	2020 Winner:
Celosia 'Asian Garden'	Begonia 'Viking™ XL Red on Chocolate'	Rudbeckia 'Amarillo Gold'
Dianthus 'Supra Pink'	Marigold 'Big Duck Gold'	
Petunia 'Evening Scentsation'	Marigold 'Big Duck Orange'	<b>2021 Winner:</b>
Vinca 'Mega Bloom Pink Halo'	Marigold 'Big Duck Yellow'	Zinnia 'Profusion Red Yellow Bicolor'
Vinca 'Mega Bloom Orchid Halo'	Marigold 'Garuda Deep Gold'	
	Nasturtium 'Baby Rose'	<b>2022 Winners:</b>
<b>2018 Winners:</b>	Petunia 'Wave Carmine Velour'	Celosia 'Flamma Orange'
Canna 'South Pacific Orange'	Vinca 'Mega Bloom Polka Dot'	Petunia 'Bees Knees'
Gypsophila 'Gypsy White Improved'	Zinnia 'Holi Scarlet'	Sunflower 'Concert Bell'
Marigold 'Super Hero Spry'		Verbena 'Beats™ Purple + White'
Ornamental Pepper 'Onyx Red'		Verbena 'Vanity'
Zinnia 'Queenly Lime Orange'		

## Evaluations

Plants were evaluated August 2 and September 7. Measurements for average height and spread were taken and plants were rated on poor to excellent in bloom, uniformity and vigor. Measurements and notes for each cultivar can be found on pages 10-62. Stars in the corners of the photos in the report indicate a top performer during that evaluation time.

The following cultivars received stars for **both** evaluation times and are considered star (superior) performers.

## 2022 Star Performers (listed alphabetically by genus):

Amaranthus caudatus-Love-Lies-Bleeding	Celosia 'Sol™ Lizzard Leaf'	Petunia 'Shock Wave® Deep Purple'
Amaranth 'Hot Biscuits'	Celosia 'Sunday™ Wine Red'	Petunia 'Shock Wave® Pink Vein'
Begonia 'Hula Blush'	Eucalyptus 'Silver Drop'	Petunia 'Tidal Wave Red Velour'
Begonia 'Hula Pink'	Eustoma (Lisianthus) 'Voyage 2 Blue'	Petunia 'Wave® Carmine Velour'
Begonia 'Hula White Bicolor'	Gomphrena 'QIS Carmine'	Petunia 'Wave® Purple Improved'
Begonia 'Megawatt™ Pink Green Leaf'	Gomphrena 'QIS™ Pink'	Plectranthus (Coleus) 'Premium Sun Ruby Heart'
Begonia 'Megawatt™ Red Bronze Leaf'	Gomphrena 'Raspberry Cream'	Tagetes (Marigold) 'Big Duck Gold'
Canna 'Tropical Yellow'	Ipomoea Cardinal Climber	Tagetes (Marigold) 'Big Duck Orange'
Catharanthus (Vinca) 'Mega Bloom Orchid Halo'	Mirabilis (Four O'Clocks) 'Marbles Mix'	Tagetes (Marigold) 'Big Duck Yellow'
Catharanthus (Vinca) 'Mega Bloom Pink Halo'	Ocimum (Basil) 'Everleaf Thai Towers'	Verbena bonariensis
Catharanthus (Vinca) 'Mega Bloom Polka Dot'	Pennisetum glaucum 'Jade Princess'	Verbena bonariensis 'Vanity'
Catharanthus (Vinca) 'Vitesse™ Patriot Mix'	Petunia 'Bees Knees'	Zinnia 'Oklahoma Mix'
Celosia 'Arabona Red'	Petunia 'E3 Easy Wave™ Coral'	Zinnia 'Zesty Orange'
Celosia 'Asian Garden'	Petunia 'E3 Easy Wave™ White'	Zinnia 'Zesty Purple'
Celosia 'Celway™ Red'	Petunia 'Easy Wave™ Burgundy Velour'	Zinnia 'Zowie! Yellow Flame'
Celosia 'Ruby Parfait'	Petunia 'Easy Wave™ Pink Passion'	Zinnia 'Profusion Red'
Celosia 'Sol™ Gekko Green'		

## ***Acknowledgements***

'Thank you' to supporters of the 2022 gardens including All-America Selections and Ball Horticultural Company. We are grateful for the support of these companies and hope information from our gardens is beneficial in their research for new and improved cultivars.

I'd also like to extend a special 'thank you' to Esther McGinnis, coordinator of the Master Gardener (MG) program, and the MG volunteers who provided over 200 hours of service from May through October. Their help, from spring clean-up to planting the trial gardens to summer maintenance and fall clean-up, is greatly appreciated.

## ***Contact Information***

For more information about the Horticultural Demonstration and Research plots at North Dakota State University, visit <https://www.ndsu.edu/agriculture/academics/academic-units/plant-sciences/research/horticulture-research-demonstration-gardens> or contact:

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Fargo, ND 58105-6050

Phone: 701-231-7484  
E-mail: [barbara.laschkewitsc@ndsu.edu](mailto:barbara.laschkewitsc@ndsu.edu)

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### *Agastache rupestris* -Giant Hyssop

seed source: Park Seed



**Aug. 2** Height:15-19" Spread: 10-17"



**Sept. 7** Height: 28-34" Spread: 25-29"

This hyssop did well all summer but bloom was better in August and early September. The seed for this was sown in the greenhouse on Feb. 23.

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### *Ageratum houstonianum* 'Blue Horizon'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 17-27" Spread: 20-24"



**Sept. 7** Height: 24-30" Spread: to 36"

'Blue Horizon' had good bloom, vigor and uniformity all season. All *Ageratum* seeds were started in the greenhouse on March 10.

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### *Ageratum houstonianum* 'Tall Blue Planet'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 17-19" Spread: 18-20"



**Sept. 7** Height: 18-20" Spread: 28-32"

This cultivar did well all season but the bloom was best in early September.

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### *Ageratum houstonianum* 'Timeless Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 21-27" Spread: 20-30"



**Sept. 7** Height: 30-38" Spread: 28-30"

This mix was composed mostly of blue flowers with a few plants that had pink or white flowers. There were some size differences but the vigor and bloom were very good.

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*Amaranthus caudatus*- Love-Lies-Bleeding

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 50" Spread: 36-48"



**Sept. 7** Height: to 48" Spread: to 48"

This did well all season but got large. It was the first place vote getter with 18 flags on August 9. Amaranth seeds were started in the greenhouse on April 4.

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*Amaranthus cruentus* 'Hot Biscuits'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 40-42" Spread: 30-36"



**Sept. 7** Height: to 60" Spread: to 60"

'Hot Biscuits' was a top performer all season with good vigor and bloom.

---

*Amaranthus cruentus* 'Red Spike'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 48" Spread: 36-40"



**Sept. 7** Height: to 60" Spread: to 60"

'Red Spike' got 5 'flag' votes during the Aug. 9 open house. It was nicer early in the season; later it was quite large and falling over.

---

*Angelonia angustifolia* 'Serena Mix'

seed source: Park Seed



**Aug. 2** Height: 9-10" Spread: 13-15"



**Sept. 7** Height: 12-13" Spread: 16-20"

This bloomed well all season but there were some size differences early in the summer. It received 2 'flag' votes on August 9 and was a top performer later in the summer. These were seeded on Feb. 23.

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*Antirrhinum majus* (Snapdragon) 'Bridal Pink'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 18" Spread: 12-15"



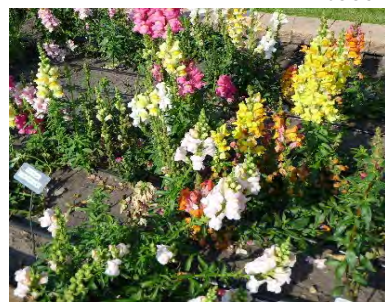
**Sept. 7** Height: 14-16" Spread: 8-10"

Bloom was nice in July but past peak bloom and in need of deadheading in September. Snapdragon seeds were started in the greenhouse on March 25.

---

*Antirrhinum majus* (Snapdragon) 'Costa Formula Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 28" Spread: to 14"



**Sept. 7** Height: 20-23" Spread: 8-12"

This had a good color mix and received 1 'flag' vote on August 9. Bloom was better in July than September.

---

*Antirrhinum majus* (Snapdragon) 'Opus III Early Bronze'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 15-20" Spread: 10-12"



**Sept. 7** Height: 22-24" Spread: 8-10"

The stems of this snapdragon were falling over but the bloom was a pretty orange-pink color. Like most of the others, bloom was best in July and early August.

---

*Antirrhinum majus* (Snapdragon) 'Rocket Hybrid Mix'

seed source: Park Seed



**Aug. 2** Height: to 26" Spread: 13-15"



**Sept. 7** Height: 23-30" Spread: 10-12"

This snapdragon had nice bloom most of the season and received 2 'flag' votes on August 9. The stems did not lodge as much as some of the other taller snapdragons.

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*Antirrhinum majus* (Snapdragon) 'Sonnet Mix'

seed source: Park Seed



**Aug. 2** Height: 9-11" Spread: 9-11"



**Sept. 7** Height: 9-22" Spread: 11-14"

This snapdragon had better bloom in June and September with a lull in July.

---

*Antirrhinum majus* (Snapdragon) 'Snaptini™ Mix'

seed source: Park Seed



**Aug. 2** Height: 4-5" Spread: 6-9"



**Sept. 7** Height: 4-12" Spread: 10-13"

This short snapdragon had very good bloom in July and then again in late September. It received 1 'flag' vote on August 9.

---

*Antirrhinum majus* (Snapdragon) 'Twinny Appleblossom'

seed source: Park Seed



**Aug. 2** Height: 5-6" Spread: 6-9"



**Sept. 7** Height: 8-10" Spread: 11-13"

This short snapdragon had a more consistent bloom than some of the other snapdragons. It looked nice for both evaluation times.

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*Asclepias curassavica* 'Apollo Orange'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 22-24" Spread: 22-24"



**Sept. 7** Height: 30-35" Spread: to 36"

Good bloom all summer but had an aphid problem in September. This received 2 'flag' votes on August 9. The *Asclepias* seed was started in the greenhouse on March 7.

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*Asclepias incarnata* 'Soulmate'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 26-32" Spread: 18-21"



**Sept. 7** Height: 32-33" Spread: 38-40"

This was just starting to bloom for the first evaluation and was done blooming by the second. It also had an aphid problem in September. It received 1 'flag' vote on August 9.

---

*Begonia x hybrida* 'Dragon Wing® Pink'

seed source: Ball Seed



**Aug. 2** Height: 5-7" Spread: 9-14"



**Sept. 7** Height: 8-10" Spread: 12-14"

This was a good performer all season with good bloom and vigor but there were some size differences. All begonia cultivars were started in the greenhouse on January 20.

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*Begonia x hybrida* "Dragon Wing® Red"

seed source: Ball Seed



**Aug. 2** Height: 5-7" Spread: 9-14"



**Sept. 7** Height: 7-9" Spread: 12-14"

Only had 2 plants in the trials due to seedling death in the greenhouse. Both of these plants did well.

---

*Begonia x hybrida* 'Dragon Wing® White'

seed source: Ball Seed



**Aug. 2** Height: 6-9" Spread: 9-14"



**Sept. 7** Height: 7-9" Spread: 12-15"

This was a good performer all season with good bloom, vigor and uniformity.

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*Begonia x hybrida* 'Hula™ Blush'

seed source: Ball Seed



**Aug. 2** Height: 5-7" Spread: 11-12"



**Sept. 7** Height: 7-9" Spread: 12-14"

Very nice all season with good bloom, vigor and uniformity. Turned into a nice ground cover later in the summer.

---

*Begonia x hybrida* 'Hula™ Pink'

seed source: Ball Seed



**Aug. 2** Height: 5-7" Spread: 11-12"



**Sept. 7** Height: 7-9" Spread: 12-14"

Very nice all season with good bloom, vigor and uniformity. Turned into a nice ground cover later in the summer.

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*Begonia x hybrida* 'Hula™ Red White Bicolor'

seed source: Ball Seed



**Aug. 2** Height: 5-7" Spread: 10-11"



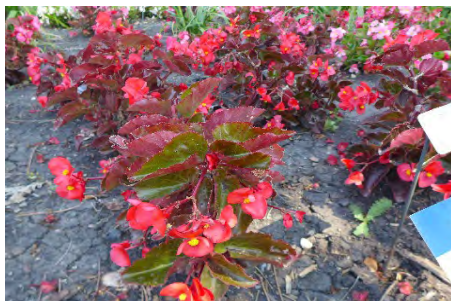
**Sept. 7** Height: 7-9" Spread: 12-14"

Very nice all season with good bloom, vigor and uniformity. Didn't fill in quite as much as the other two 'Hula' begonias but was still a top performer.

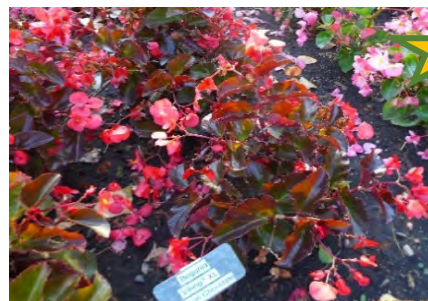
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*Begonia x hybrida* 'Viking™ XL Red on Chocolate'

seed source: All-America Selections



**Aug. 2** Height: 9-10" Spread: 9-10"



**Sept. 7** Height: 12-13" Spread: 13-15"

**2019 All-America Selections (AAS) Flower Winner.** This did well all season but looked especially nice in September.

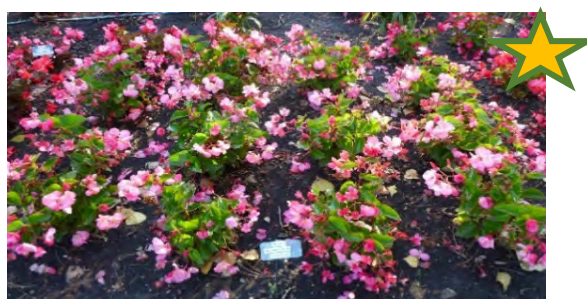
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*Begonia interspecific* 'Megawatt™ Pink Green Leaf'

seed source: Ball Seed



**Aug. 2** Height: 9-11" Spread: 9-12"



**Sept. 7** Height: 10-12" Spread: 12-14"

Very nice all season with good bloom, vigor and uniformity. The plants looked especially nice in September.

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*Begonia interspecific* 'Megawatt™ Red Bronze Leaf'

seed source: Ball Seed



**Aug. 2** Height: 9-11" Spread: 9-12"



**Sept. 7** Height: 7-9" Spread: 12-14"

This did well all season with good bloom, vigor and uniformity.

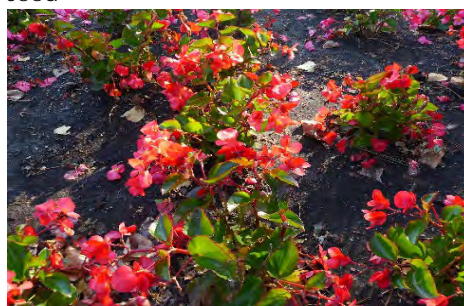
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*Begonia interspecific* 'Megawatt™ Red Green Leaf'

seed source: Ball Seed



**Aug. 2** Height: 8-10" Spread: 9-12"



**Sept. 7** Height: 9-11" Spread: 12-14"

Did well but didn't seem quite as showy as some of the other begonias.

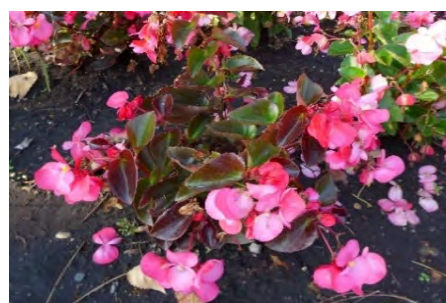
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*Begonia interspecific* 'Megawatt™ Rose Bronze Leaf Improved'

seed source: Ball Seed



**Aug. 2** Height: 9-11" Spread: 9-12"



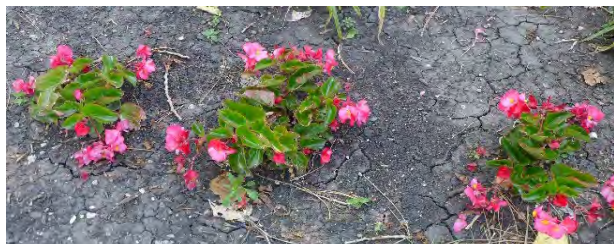
**Sept. 7** Height: 9-10" Spread: 12-14"

These begonias did well all season with good bloom, vigor and uniformity.

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*Begonia interspecific* 'Megawatt™ Rose Green Leaf'

seed source: Ball Seed



**Aug. 2** Height: 9-11" Spread: 9-12"



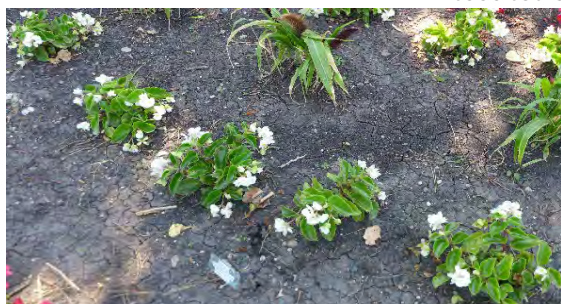
**Sept. 7** Height: 7-11" Spread: 9-12"

Nice all summer with good bloom, vigor and uniformity.

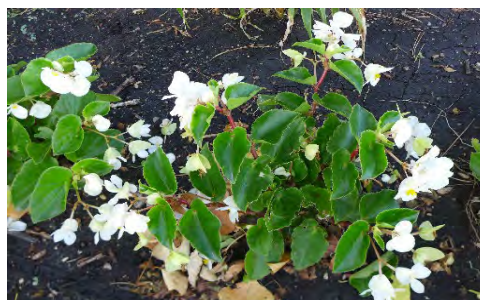
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*Begonia interspecific* 'Megawatt™ White Green Leaf'

seed source: Ball Seed



**Aug. 2** Height: 5-7" Spread: 9-12"



**Sept. 7** Height: 7-11" Spread: 10-12"

Nice all summer with good bloom, vigor and uniformity.

---

*Canna x generalis* 'South Pacific Orange'

seed source: All-America Selections



**Aug. 2** Height: 27-30" Spread: 10-14"



**Sept. 7** Height: 36" Spread: 22-24"

**2018 All-America Selections (AAS) Flower Winner.** Just starting to bloom in early August but was very floriferous in September. It received 1 'flag' vote on August 9. Canna seeds were started on February 16.

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*Canna x generalis* 'Tropical Red'

seed source: Park Seed Wholesale



**Aug. 2** Height: 26-30" Spread: 13-14"



**Sept. 7** Height: 32-38" Spread: to 28"

This was just starting to bloom for the first evaluation. It received 2 'flag' votes on August 9.

---

*Canna x generalis* 'Tropical White'

seed source: Park Seed Wholesale



**Aug. 2** Height: 18-20" Spread: 12-14"



**Sept. 7** Height: 30-33" Spread: 25-27"

Poorest performer of the cannas. It didn't start blooming until mid-August and was never very vigorous.

---

*Canna x generalis* 'Tropical Yellow'

seed source: Park Seed Wholesale



**Aug. 2** Height: 21-23" Spread: 17-18"



**Sept. 7** Height: to 36" Spread: to 30"

This did well all season with good bloom, vigor and uniformity.

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*Capsicum annuum* (Ornamental Pepper) 'Onyx Red'

seed source: All-America Selections



**Aug. 2** Height: 8-11" Spread: 10-12"



**Sept. 7** Height: 8-12" Spread: 12-14"

**2018 All-America Selections (AAS) Flower Winner.** Good vigor and pepper production. Received 1 'flag' vote on August 9. Seed was started in the greenhouse on February 4.

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*Catharanthus roseus* (Vinca) 'Mega Bloom Orchid Halo'

seed source: All-America Selections



**Aug. 2** Height: 11-13" Spread: 15-16"



**Sept. 7** Height: 17" Spread: 24"

**2017 All-America Selections (AAS) Flower Winner.** This was a top performer all season with good bloom, vigor and uniformity. This received 5 'flag' votes on August 9. Vinca seed were started on February 23.

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*Catharanthus roseus* (Vinca) 'Mega Bloom Pink Halo'

seed source: All-America Selections



Aug. 2 Height: 12-13" Spread: 15-16"



Sept. 7 Height: 15" Spread: 22"

**2017 All-America Selections (AAS) Flower Winner.** Top performer all season with good bloom, vigor and uniformity.

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*Catharanthus roseus* (Vinca) 'Mega Bloom Polka Dot'

seed source: All-America Selections



Aug. 2 Height: 11-12" Spread: 14-15"



Sept. 7 Height: 15" Spread: 22"

**2019 All-America Selections (AAS) Flower Winner.** Top performer all season with good bloom, vigor and uniformity. Received 1 'flag' vote on August 9.

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*Catharanthus roseus* (Vinca) 'Vitesse™ Patriot Mix'

seed source: Park Seed



Aug. 2 Height: 10-12" Spread: 12-15"



Sept. 7 Height: 12-14" Spread: 19-23"

This did well all season but the color mix should have included red as well as the purple and white shown.

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*Celosia argentea* 'Sol™ Gekko Green'

seed source: PanAmerican Seed



Aug. 2 Height: 13-15" Spread: 13-17"



Sept. 7 Height: 15-16" Spread: 20-22"

This did well all season and received 4 'flag' votes on August 9. It bloomed well but is grown more for its foliage coloration. All celosia cultivars were started on March 15.

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*Celosia argentea* 'Sol™ Lizzard Leaf'

seed source: PanAmerican Seed



**Aug. 2** Height: 11-12" Spread: 11-12"



**Sept. 7** Height: 15-16" Spread: 13-15"

This did well all season with good vigor and uniformity. It is also grown more for its foliage color and received 1 'flag' vote on August 9.

---

*Celosia argentea* (plumosa group) 'Arrabona Red'

seed source: Burpee



**Aug. 2** Height: 12-14" Spread: 14-15"



**Sept. 7** Height: 23" Spread: 23"

Top performer all season with good bloom, vigor and uniformity. This celosia does consistently well every year.

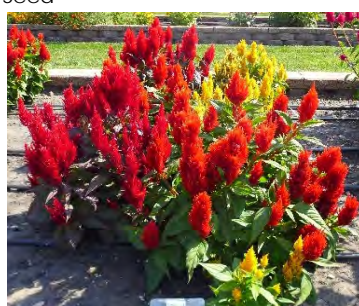
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*Celosia argentea* (plumosa group) 'Bright Sparks™ Mix'

seed source: Park Seed



**Aug. 2** Height: 4-12" Spread: 6-15"



**Sept. 7** Height: 8-21" Spread: 12-20"

This had good bloom, especially into late August and September, but there were some differences in size and vigor. This received 3 'flag' votes on August 9.

---

*Celosia argentea* (plumosa group) 'Eternity Improved'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 28-30" Spread: 14-19"



**Sept. 7** Height: to 36" Spread: 20-22"

Did well all season with good bloom and vigor and received 4 'flag' votes on August 9.

---

*Celosia argentea* (plumosa group) 'Flamma Orange'

seed source: All-America Selections



**Aug. 2** Height: 9-10" Spread: 10-12"



**Sept. 7** Height: 18-20" Spread: 15-17"

2022 All-America Selections (AAS) Flowers From Seed Winner. Did well all season and was a sea of orange by September.

---

*Celosia argentea* (plumosa group) 'Sunday™ Bright Pink'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 12-15" Spread: 11-15"



**Sept. 7** Height: 25-27" Spread: 23-25"

This was just starting to bloom in early August but by early September it had filled in nicely and was a top performer.

---

*Celosia argentea* (plumosa group) 'Sunday™ Cherry'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 11-19" Spread: 6-15"



**Sept. 7** Height: 34-36" Spread: to 36"

This celosia had good vigor but was just starting to bloom for the first evaluation. It filled in nicely and was a top performer for the second evaluation.

---

*Celosia argentea* (plumosa group) 'Sunday™ Orange'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 11-19" Spread: 6-15"



**Sept. 7** Height: 10-32" Spread: 8-24"

This celosia was just starting to bloom for the first evaluation but was very nice and colorful by the second one. This received 1 'flag' vote on August 9.

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*Celosia argentea* (plumosa group) "Sunday™ Wine Red"

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 18-20" Spread: 18-20"



**Sept. 7** Height: 32-34" Spread: 30-32"

Burgundy foliage and red flowers made this one stand out from the other celosia. It was especially nice for the second evaluation. This received 1 'flag' vote on August 9.

---

*Celosia argentea* (plumosa group) 'Sylphid'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 28-30" Spread: 18-20"



**Sept. 7** Height: to 41" Spread: 29-30"

Very vigorous plants but the flower color was not very showy.

---

*Celosia argentea* (spicata group) 'Asian Garden'

seed source: All-America Selections



**Aug. 2** Height: 16-17" Spread: 16-18"



**Sept. 7** Height: 25-28" Spread: 18-20"

**2017 All-America Selections (AAS) Flower Winner**. Excellent performer all season with good bloom, vigor and uniformity. This received 2 'flag' votes on August 9.

---

*Celosia argentea* (spicata group) 'Celway™ Red'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 21-22" Spread: 17-18"



**Sept. 7** Height: to 36" Spread: to 24"

Excellent performer all season with good bloom, vigor and uniformity. This received 1 'flag' vote on August 9.

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*Celosia argentea* (spicata group) 'Flamingo Feather'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 21-30" Spread: 15-20"



**Sept. 7** Height: to 42" Spread: 24-26"

This was nice all season but had some differences in size. The flower color was not as showy as some other celosia.

---

*Celosia argentea* (spicata group) 'Ruby Parfait'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 24-25" Spread: 28-30"



**Sept. 7** Height: 27-28" Spread: 32-34"

Excellent performer all summer with good bloom, vigor and uniformity. This received 3 'flag' votes on August 9.

---

*Centaurea cyanis* 'Black Button'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 15-22" Spread: 8-16"



**Sept. 7** Height: 18-24" Spread: 18-20"

Good bloom in July and August but there were some differences in size. This was past peak bloom by September. *Centaurea* was started in the greenhouse on April 11.

---

*Centaurea cyanis* 'Classic Magic Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 25" Spread: 15-20"



**Sept. 7** Height: to 25" Spread: 18-20"

Good bloom in July and August but there were some size differences. It was past peak bloom by September.

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*Centaurea cyanis* 'Polka Dot Mix'

seed source: Park Seed



**Aug. 2** Height: 7-20" Spread: 6-14"



**Sept. 7** Height: to 20" Spread: 18-20"

Best bloom in July and August but there were some size differences. This received 1 'flag' vote on August 9. It was past peak bloom by September.

---

*Cosmos bipinnatus* 'Apricotta'

seed source: Park Seed



**Aug. 2** Height: 20-28" Spread: to 32"



**Sept. 7** Height: 20" Spread: to 28"

This was doing well early in the season and received 2 'flag' votes on August 9. By the September evaluation most plants had declined and were dying. *Cosmos* seeds were started on April 11.

---

*Cosmos bipinnatus* 'Cupcakes White'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 17-27" Spread: 22-24"



**Sept. 7** Dying

This was never very vigorous and most plants were declining and dying by the September evaluation.

---

*Dahlia variabilis* 'Giant Hybrid Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 40" Spread: 16-24"



**Sept. 7** Height: 36-42" Spread: 19-24"

The dahlias were very vigorous but size was variable. This received 1 'flag' vote on August 9. They were started in the greenhouse on February 23.

---

*Dianthus x barbatus* 'Jolt™ Purple'

seed source: PanAmerican Seed



**Aug. 2** Height: 11-14" Spread: 11-15"



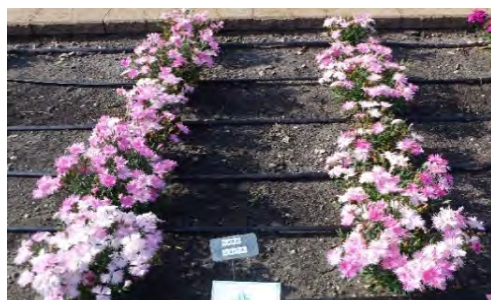
**Sept. 7** Height: 9-12" Spread: 7-10"

Very nice for August evaluation with good bloom, vigor and uniformity. This received 1 'flag' vote on August 9. The dianthus were started in the greenhouse on March 10.

---

*Dianthus interspecific* 'Supra Pink'

seed source: All-America Selections



**Aug. 2** Height: 7-9" Spread: 10-12"



**Sept. 7** Height: 7-9" Spread: 9-11"

**2017 All-America Selections (AAS) Flower Winner**. The bloom was better in early August than early September. It received 2 'flag' votes on August 9.

---

*Echinacea purpurea* 'Green Twister'

seed source: Park Seed



**Aug. 2** Height: 6-10" Spread: 6-12"



**Sept. 7** Height: 6-28" Spread: 8-10"

This *Echinacea* did not do well this season. It was out-competed by the *Tithonia* planted next to it. All *Echinacea* were started in the greenhouse on January 20.

---

*Echinacea purpurea* 'Mellow Yellows'

seed source: Park Seed



**Aug. 2** Height: 8" Spread: 12"



**Sept. 7** Height: 16-19" Spread: 11-16"

Only 2 of these were grown this summer. They not very vigorous and were slow to bloom.

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*Echinacea purpurea* 'PowWow Wild Berry'

seed source: Park Seed



**Aug. 2** Height: 8-10" Spread: 12-15"



**Sept. 7** Height: 9-24" Spread: 10-15"

Only one plant blooming for the August evaluation. Better bloom by August but the plants weren't uniform in size or bloom.

---

*Echinacea purpurea* 'White Swan'

seed source: Park Seed



**Aug. 2** Height: 8-10" Spread: 12-15"



**Sept. 7** Height: 8-21" Spread: 10-12"

Vigor and uniformity were good but plants didn't start blooming until late August. Only 3 of the 6 plants were blooming by then.

---

*Eryngium planum* 'Blue Glitter'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 3-15" Spread: to 12"



**Sept. 7** Height: 17-18" Spread: 12-15"

Only 3 plants in the trials this year and one of them died before September. Bloom was good even though the plants weren't very vigorous. These were started in the greenhouse on January 20.

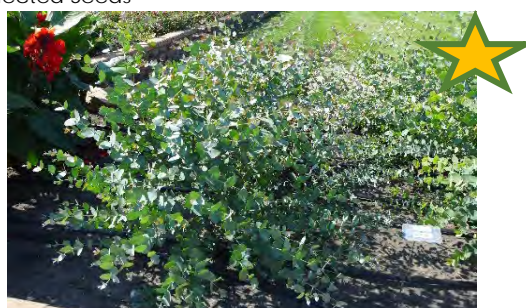
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*Eucalyptus gunnii* 'Silver Drop'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 26" Spread: to 26"



**Sept. 7** Height: 36-42" Spread: 28-30"

Vigorous and bushy plants that received 2 'flag' votes on August 9. The *Eucalyptus* were started in the greenhouse on January 20.

---

*Eucalyptus pulverulenta* 'Baby Blue'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 26" Spread: 20"



**Sept. 7** Height: 40-48" Spread: 18-20"

This *Eucalyptus* was not as full and bushy as 'Silver Drop' and could have used some plant supports. It received 1 'flag' vote on August 9.

---

*Euphorbia marginata* -Mountain Snow

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 29-36" Spread: to 20"



**Sept. 7** Height: 36-45" Spread: 28-30"

These tend to fall over so plant supports were used this year which kept them upright. Very nice show of white by the end of the summer. Started in the greenhouse on January 19.

---

*Eustoma grandiflorum* (Lisianthus) 'Arena III Apricot'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 13-20" Spread: 6-8"



**Sept. 7** Height: 18-22" Spread: 8-12"

Good bloom all season but stems needed some support since the heavy heads sometimes pull the stems down. This cultivar received 1 'flag' vote on August 9. Lisianthus seeds were started on January 19.

---

*Eustoma grandiflorum* (Lisianthus) 'Arena III Baby Pink'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 13-21" Spread: 6-8"



**Sept. 7** Height: 15" Spread: 8-10"

Good bloom all season but stems were bending over due to heavy flower heads.

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*Eustoma grandiflorum* (Lisianthus) 'Arena III Blue Picotee'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 6-20" Spread: 4-6"



**Sept. 7** Height: 11-24" Spread: 8-12"

This lisianthus was not as vigorous as the others. Plants kept dying over the course of the summer. This received 1 'flag' vote on August 9.

---

*Eustoma grandiflorum* (Lisianthus) 'Arena III Red'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 22-24" Spread: 7-9"



**Sept. 7** Height: 21-24" Spread: 8-12"

Very good bloom on strong stems that held the flower heads better than other cultivars. This received 5 'flag' votes on August 9.

---

*Eustoma grandiflorum* (Lisianthus) 'Rosanne Black Pearl'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 12-17" Spread: 7-11"



**Sept. 7** Height: 19-22" Spread: 9-12"

This did well all summer and received 2 'flag' votes on August 9.

---

*Eustoma grandiflorum* (Lisianthus) 'Rosanne Green'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 16-19" Spread: 6-10"



**Sept. 7** Height: 12-24" Spread: 8-10"

Nice bloom and vigor but color was not very showy.

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*Eustoma grandiflorum* (Lisianthus) 'Voyage 2 Blue'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 17-22" Spread: 6-9"



**Sept. 7** Height: 16-22" Spread: 8-10"

One of the nicer lisianthus with great bloom, especially early in the season. This was one of the top vote getters on August 9 with 17 'flag' votes.

---

*Eustoma grandiflorum* (Lisianthus) 'Voyage 2 Champagne'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 13-18" Spread: 6-9"



**Sept. 7** Height: 20-23" Spread: 8-10"

Nice bloom and strong stems that held the flowers better than other cultivars of lisianthus. This received 1 'flag' vote on August 9.

---

*Eustoma grandiflorum* (Lisianthus) 'Voyage 2 Lavender'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 10-18" Spread: 6-9"



**Sept. 7** Height: 13-21" Spread: 8-12"

Not quite as many flowers as other lisianthus but strong stems held flower heads better than other cultivars. This received 1 'flag' vote on August 9.

---

*Eustoma grandiflorum* (Lisianthus) 'Voyage 2 Pink'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 13-20" Spread: 6-9"



**Sept. 7** Height: 22-23" Spread: 8-11"

Very good bloom early in the season and the strong stems held the flowers up better than other lisianthus. This received 1 'flag' vote on August 9.

---

*Eustoma grandiflorum* (Lisianthus) 'Voyage 2 White Improved'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 13-18" Spread: 8-10"



**Sept. 7** Height: 18" Spread: 8-12"

Nice bloom early and strong stems held flower heads up better than other lisianthus. This received 1 'flag' vote on August 9.

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*Gaura lindheimeri* 'Sparkle White'

seed source: Park Seed Wholesale



**Aug. 2** Height: 30-33" Spread: to 36"



**Sept. 7** Height: 24-36" Spread: 36-40"

Very nice early in the season but decline in bloom by September. This was started in the greenhouse on January 20.

---

*Gomphrena globosa* 'QIS™ Carmine'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 20-22" Spread: 28-30"



**Sept. 7** Height: 32" Spread: 36"

This was a top performer all season with good bloom, vigor and uniformity. This received 2 'flag' votes on August 9. The gomphrena were started in the greenhouse on April 4.

---

*Gomphrena globosa* 'QIS™ Pink'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 22-24" Spread: 28"



**Sept. 7** Height: 36" Spread: 36"

Top performer all season with good bloom, vigor and uniformity.

---

*Gomphrena globosa* 'Raspberry Cream'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 22-24" Spread: 28-30"



**Sept. 7** Height: 32" Spread: 36"

Top performer all season with good vigor, bloom and uniformity. This received 1 'flag' vote on August 9.

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*Gypsophila muralis* 'Gypsy White Improved'

seed source: All-America Selections



**Aug. 2** Height: 1-3" Spread: 3-6"



**Sept. 7** Height: 3" Spread: 5-6"

**2018 All-America Selections (AAS) Flower Winner.** This has never done well in the trials and this year was no exception. Seed was started in the greenhouse on March 15.

---

*Helianthus annuus* (Sunflower) 'Concert Bell'

seed source: All-America Selections



**Aug. 2** Height: 56" Spread: 20"



**Sept. 7** Height: 72" Spread: 12"

**2022 All-America Selections (AAS) Flower From Seed Winner.** This was direct seeded into the ground on June 6. They started blooming at the end of August and were declining due to disease by mid-September.

---

*Hibiscus acetosella* 'Mahogany Splendor'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 34-36" Spread: 32-33"



**Sept. 7** Height: 36-40" Spread: 40-48"

Nice all season but some very windy days shortly after planting caused a few of these to fall over so they had a strange growth habit this summer. These were started in the greenhouse on February 25.

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*Impatiens hybrida* 'Solarscape™ Magenta Bliss'

seed source: Ball Seed



**Aug. 2** Height: 3-5" Spread: 9-12"



**Sept. 7** Height: 14-15" Spread: 20-22"

An impatiens meant for full sun, these were outstanding by the end of the season. There were some size differences early but the bloom made up for that. These were started in the greenhouse on Jan. 27.

---

*Impatiens hybrida* 'Solarscape™ Neon Purple'

seed source: Ball Seed



**Aug. 2** Height: 5-6" Spread: 10-14"



**Sept. 7** Height: 13-15" Spread: 19-22"

Very full by the second evaluation with great bloom. This one received 2 'flag' votes on August 9.

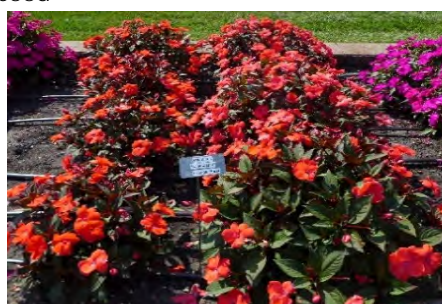
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*Impatiens hybrida* 'Solarscape™ Orange Burst'

seed source: Ball Seed



**Aug. 2** Height: 3-5" Spread: 5-15"



**Sept. 7** Height: 8-14" Spread: 14-23"

Although it was nice by the second evaluation, it wasn't as floriferous as other 'Solarscape' impatiens.

---

*Impatiens hybrida* 'Solarscape™ White Shimmer'

seed source: Ball Seed



**Aug. 2** Height: 3-7" Spread: 6-14"



**Sept. 7** Height: 9-11" Spread: 10-20"

Although it was nice by the second evaluation, it wasn't as floriferous as other 'Solarscape' impatiens.

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*Impatiens hybrida* 'Solarscape™ XL Salmon Glow'

seed source: Ball Seed



**Aug. 2** Height: 8-11" Spread: 14-17"



**Sept. 7** Height: 20" Spread: 24"

Nicest 'Solarscape' for the August evaluation and top performer by the end of the season with excellent bloom.

---

*Impatiens walleriana* 'Beacon® Bright Red'

seed source: PanAmerican Seed



**Aug. 2** Height: 3-4" Spread: 7-9"



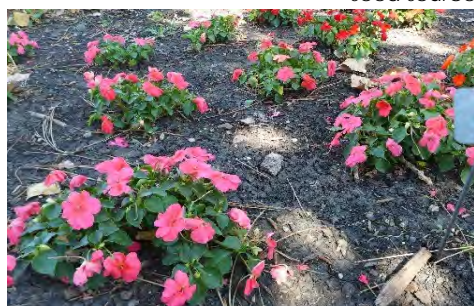
**Sept. 7** Height: 4-5" Spread: 9-12"

These did alright but there was one orange plant mixed in. *Impatiens walleriana* seeds were started in the greenhouse on March 10.

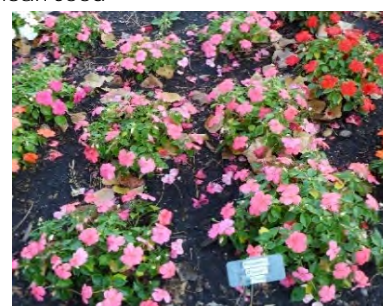
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*Impatiens walleriana* 'Beacon® Coral'

seed source: PanAmerican Seed



**Aug. 2** Height: 3-4" Spread: 6-8"



**Sept. 7** Height: 4-6" Spread: 9-13"

This impatiens had some size differences and was nicer at the end of the season.

---

*Impatiens walleriana* 'Beacon® Formula Mix'

seed source: PanAmerican Seed



**Aug. 2** Height: 2-3" Spread: 6-8"



**Sept. 7** Height: 4-7" Spread: 6-12"

These did alright but there were some differences in size between the colors.

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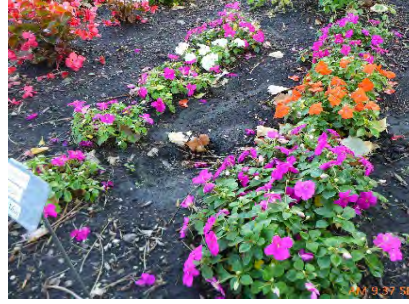
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*Impatiens walleriana* 'Beacon® Lindau Mix'

seed source: Ball Seed



**Aug. 2** Height: 2-3" Spread: 6-8"



**Sept. 7** Height: 4-7" Spread: 6-10"

Some of these were more vigorous than others.

---

*Impatiens walleriana* 'Beacon® Orange'

seed source: PanAmerican Seed



**Aug. 2** Height: 2-3" Spread: 6-8"



**Sept. 7** Height: 5-6" Spread: 10-12"

These did alright but didn't thrive.

---

*Impatiens walleriana* 'Beacon® Portland Mix'

seed source: Ball Seed



**Aug. 2** Height: 2-3" Spread: 6-8"



**Sept. 7** Height: 4-5" Spread: 9-14"

Not much of a mix as mostly violet plants were represented.

---

*Impatiens walleriana* 'Beacon® Rose'

seed source: PanAmerican Seed



**Aug. 2** Height: 2-3" Spread: 10-11"



**Sept. 7** Height: 5-6" Spread: 12-15"

This was one of the nicer impatiens this summer.

---

*Impatiens walleriana* 'Beacon® Salmon'

seed source: Ball Seed



**Aug. 2** Height: 2-3" Spread: 10-11"



**Sept. 7** Height: 5-6" Spread: 13-14"

This was one of the nicer impatiens this summer.

---

*Impatiens walleriana* 'Beacon® Sanibel Mix'

seed source: PanAmerican Seed



**Aug. 2** Height: 2-3" Spread: 7-9"



**Sept. 7** Height: 4-5" Spread: 11-13"

This bright mix did alright but wasn't as floriferous as some other impatiens.

---

*Impatiens walleriana* 'Beacon® Violet Shades'

seed source: PanAmerican Seed



**Aug. 2** Height: 2-3" Spread: 9-10"



**Sept. 7** Height: 4-5" Spread: 7-10"

This impatiens was not as floriferous as some of the other cultivars.

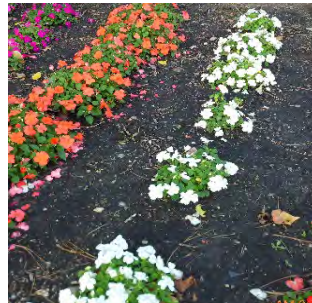
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*Impatiens walleriana* 'Beacon® White'

seed source: PanAmerican Seed



**Aug. 2** Height: 2-3" Spread: 5-6"



**Sept. 7** Height: 3-5" Spread: 7-10"

One of the least vigorous impatiens this summer.

---

*Ipomoea alba* -Moon Vine

seed source: Park Seed



**Aug. 2** Spreading 3-4'



**Sept. 7** Spreading 4-5'

Very vigorous vine but blooms not present during the day. It was started in the greenhouse on March 16.

---

*Ipomoea x multifida* -Cardinal Climber

seed source: Park Seed



**Aug. 2** Spreading to 5'



**Sept. 7** Spreading 4-5'

Nice bloom and vigor all season. This received 1 'flag' vote on August 9. It was started in the greenhouse on March 16.

---

*Isotoma axillaris* (Laurentia) 'Avant-Garde Blue'

seed source: Park Seed



**Aug. 2** Height: 9-13" Spread: 11-16"



**Sept. 7** Height: 10-15" Spread: 19-26"

Nice bloom in August with a decline in bloom by early September. This received 1 'flag' vote on August 9. It was started in the greenhouse on March 25.

---

*Lablab purpureus* 'Ruby Moon'

seed source: Johnny's Selected Seeds



**Aug. 2** Spreading 4-5'



**Sept. 7** Spreading 4-5'

This was very vigorous all season but had it's best bloom starting late August through September. This was started in the greenhouse on April 4.

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*Limonium sinuatum* (Statice) 'Johnny's Pastel Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 15-30" Spread: 24-28"



**Sept. 7** Height: 26-30" Spread: 25-30"

This mix did well all season but the colors weren't as bright as the other two statice mixes. The statice were started in the greenhouse on April 4.

---

*Limonium sinuatum* (Statice) 'Johnny's Statice Formula Mix'

seed source: Park Seed



**Aug. 2** Height: 22-30" Spread: 26-30"



**Sept. 7** Height: 26-30" Spread: 25-30"

The colors on this mix were brighter than 'Johnny's Pastel Mix'. Vigor was good except one plant was dying in early September.

---

*Limonium sinuatum* (Statice) 'Soiree Mix'

seed source: Park Seed



**Aug. 2** Height: 22-24" Spread: 22-24"



**Sept. 7** Height: 31-36" Spread: 23-30"

Did well all season but there were some differences in bloom time. These colors were brighter than 'Johnny's Pastel Mix'.

---

*Lobularia maritima* 'Carpet of Snow'

seed source: Burpee



**Aug. 2** Height: 6-11" Spread: 10-18"



**Sept. 7** Height: 10-12" Spread: 24-26"

Good vigor but one plant was less vigorous than the others. The *Lobularia* were started in the greenhouse on April 4.

---

*Lobularia maritima* 'Easter Bonnet Deep Pink'

seed source: Park Seed



**Aug. 2** Height: 2-3" Spread: 5-9"



**Sept. 7** Height: 3-4" Spread: 10-12"

Nice plant but there were some size differences early in the season.

---

*Lobularia maritima* 'Snow Crystals'

seed source: Park Seed



**Aug. 2** Height: 3-4" Spread: 10-13"



**Sept. 7** Height: 5-7" Spread: 16-19"

Very nice early in the season but bloom declined a bit in the heat of the summer. This received 1 'flag' vote on August 9.

---

*Mirabilis jalapa* (Four O'Clocks) 'Marbles Mix'

seed source: Burpee



**Aug. 2** Height: 26-28" Spread: to 36"



**Sept. 7** Height: 34-36" Spread: 40-42"

Top performer all season with good bloom, vigor and uniformity. This received 2 'flag' votes on August 9. *Mirabilis* was started in the greenhouse on March 7.

---

*Ocimum basilicum* (Basil) 'Amethyst Improved'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 18-19" Spread: 16-17"



**Sept. 7** Height: 27" Spread: 27"

This was a top performer early in the season with good vigor and uniformity. It received 3 'flag' votes on August 9. Basil were started in the greenhouse on March 25.

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*Ocimum basilicum* (Basil) 'Aromatto'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 30-36" Spread: to 36"



**Sept. 7** Height: 38" Spread: 36"

This did well and had good vigor and foliage color but needed more deadheading than the other basil.

---

*Ocimum basilicum* (Basil) 'Everleaf Thai Towers'

seed source: PanAmerican Seed



**Aug. 2** Height: 26-27" Spread: 15-16"



**Sept. 7** Height: 38" Spread: 22"

Very nice basil with excellent uniformity and vigor. Flower heads are slower to form compared to other basil. This received 1 'flag' vote on August 9.

---

*Pelargonium x hortorum* 'Inspire Appleblossom'

seed source: Park Seed



**Aug. 2** Height: 6-8" Spread: 6-8"



**Sept. 7** Height: 10-11" Spread: 10-15"

These plants lacked vigor all season. Bloom was better in September than August. The geraniums were started in the greenhouse on February 14.

---

*Pelargonium x hortorum* 'Maverick Appleblossom'

seed source: Park Seed



**Aug. 2** Height: 11-13" Spread: 13-14"



**Sept. 7** Height: 15-17" Spread: 20-22"

These had good vigor and bloom all season.

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*Pelargonium x hortorum* 'Maverick Mix'

seed source: Park Seed



**Aug. 2** Height: 10-14" Spread: 14-17"



**Sept. 7** Height: 15-17" Spread: 18-22"

Good vigor and bloom most of the summer but these were especially nice for the September evaluation.

---

*Pennisetum glaucum* 'Jade Princess'

seed source: Park Seed Wholesale



**Aug. 2** Height: 19-23" Spread: 20-22"



**Sept. 7** Height: 24-26" Spread: 23-26"

Top performer all season with good bloom, vigor and uniformity. This was one of the top vote getters on our August 9 open house with 13 'flag' votes. Pennisetum were started on February 23.

---

*Pennisetum glaucum* 'Purple Majesty'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 40" Spread: 8-10"



**Sept. 7** Died

These did well in the greenhouse but once they were outside they declined and died.

---

*Petunia x hybrida* 'Bees Knees'

plant source: All-America Selections



**Aug. 2** Height: 6-7" Spread: 12-17"



**Sept. 7** Height: 9-11" Spread: 18-26"

**2022 All-America Selections(AAS) Flowers From Cuttings Winner.** Although there were some size differences, the bloom on this made it a top performer all summer. This received 3 'flag' votes on Aug. 9.

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*Petunia x hybrida* 'Celebrity Mix' (Floribunda)

seed source: Park Seed



**Aug. 2** Height: 8-10" Spread: 16-19"



**Sept. 7** Height: 12-15" Spread: 24-26"

Good bloom all summer although there were some size differences. Petunias were started in the greenhouse on March 15.

---

*Petunia x hybrida* 'Daddy® Mix' (Grandiflora)

seed source: Park Seed



**Aug. 2** Height: 6-11" Spread: 8-14"



**Sept. 7** Height: 9-16" Spread: 15-28"

Nice bloom all summer but especially good late August into September.

---

*Petunia x hybrida* 'E3 Easy Wave™ Blue' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 9-10" Spread: 16-17"



**Sept. 7** Height: 10-12" Spread: 21"

Only 2 of these in the trials this year but they did well. This received 1 'flag' vote on August 9.

---

*Petunia x hybrida* 'E3 Easy Wave™ Coral' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 9-10" Spread: 18-19"



**Sept. 7** Height: 10-12" Spread: 28-30"

Nice all season with good bloom, vigor and uniformity.

---

*Petunia x hybrida* 'E3 Easy Wave™ Pink' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 9-10" Spread: 18-19"



**Sept. 7** Height: 10-12" Spread: 32-34"

Vigorous plants were very nice early but declined in bloom by early September.

---

*Petunia x hybrida* 'E3 Easy Wave™ Pink Cosmo' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 8-9" Spread: 20-21"



**Sept. 7** Height: 10-12" Spread: 34-36"

Very nice early and plants were vigorous all season but bloom declined a bit by early September. This received 1 'flag' vote on August 9.

---

*Petunia x hybrida* 'E3 Easy Wave™ Red' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 7-8" Spread: 12-15"



**Sept. 7** Height: 10-12" Spread: 22-23"

Not as vigorous as other petunias early in the season but was very nice by September.

---

*Petunia x hybrida* 'E3 Easy Wave™ Sky Blue' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 7-8" Spread: 12-15"



**Sept. 7** Height: 9" Spread: 20-22"

This wasn't as vigorous as the other petunias and bloom wasn't as good.

---

*Petunia x hybrida* 'E3 Easy Wave™ White' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 8-9" Spread: 15-16"



**Sept. 7** Height: 13" Spread: 26-27"

Performed well all summer with good bloom, vigor and uniformity. This received 2 'flag' votes on August 9.

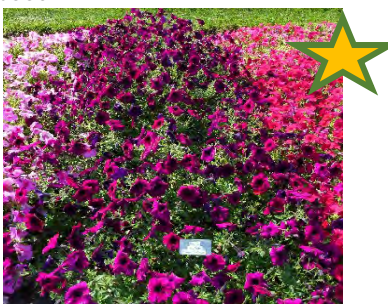
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*Petunia x hybrida* 'Easy Wave™ Burgundy Velour' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 6-8" Spread: 28-30"



**Sept. 7** Height: 17" Spread: 34-36"

Performed well all summer with good bloom, vigor and uniformity. This received 4 'flag' votes on August 9.

---

*Petunia x hybrida* 'Easy Wave™ Pink Passion' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 6-7" Spread: 22"



**Sept. 7** Height: 12-13" Spread: 30-32"

Performed well all summer with good bloom, vigor and uniformity. Received 3 'flag' votes on August 9.

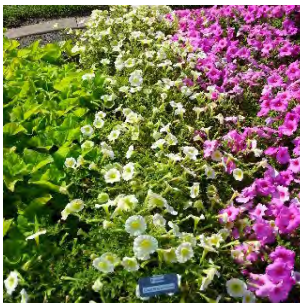
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*Petunia x hybrida* 'Easy Wave™ Yellow' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 10" Spread: 18-20"



**Sept. 7** Height: 14" Spread: 21"

Nicer early in the season. Declined in bloom by September and was being crowded by 'Easy Wave Pink Passion' petunia and 'Margarita' sweet potato vine.

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*Petunia x hybrida* 'Evening Scentsation' (Multiflora)

seed source: All-America Selections



**Aug. 2** Height: 5-6" Spread: 18-22"



**Sept. 7** Height: 10-12" Spread: 20-22"

**2017 All-America Selections (AAS) Flower Winner.** Bloom was good all season but there were some size differences early in the season.

---

*Petunia x hybrida* 'Shock Wave® Deep Purple' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 6-8" Spread: 18-29"



**Sept. 7** Height: 10-11" Spread: 38-40"

Top performer all season with good bloom and vigor.

---

*Petunia x hybrida* 'Shock Wave® Pink Vein' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 8-9" Spread: 21-23"



**Sept. 7** Height: 10-11" Spread: 34-36"

Top performer all season with good bloom, vigor and uniformity.

---

*Petunia x hybrida* 'Shock Wave® Spark Mix Improved' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 6-8" Spread: 11-24"



**Sept. 7** Height: 6-9" Spread: 18-30"

Really good bloom all season but there were noticeable size differences between plants.

---

*Petunia x hybrida* 'Shock Wave® Volt Mix Improved' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 6-8" Spread: 11-20"



**Sept. 7** Height: 7-8" Spread: 16-28"

Bloom was good all season although it declined a bit by September. There were some size differences as well.

---

*Petunia x hybrida* 'Shock Wave® White' (Spreading)

seed source: PanAmerican Seed



**Aug. 2** Height: 5-7" Spread: 12-15"



**Sept. 7** Height: 6-9" Spread: 15-21"

This petunia wasn't quite as floriferous or uniform in size as others.

---

*Petunia x hybrida* 'Sparklers Mix'

seed source: Park Seed



**Aug. 2** Height: 8-12" Spread: 9-15"



**Sept. 7** Height: 10-15" Spread: 10-22"

This wasn't uniform in size, vigor or bloom and it looked like it got some Aster yellows in September. It received 2 'flag' votes on August 9.

---

*Petunia x hybrida* 'Tidal Wave® Red Velour' (Hedgiflora)

seed source: Park Seed



**Aug. 2** Height: 11-12" Spread: to 36"



**Sept. 7** Height: 16-18" Spread: 36-40"

Top performer all season with good bloom, vigor and uniformity. This received 3 'flag' votes on August 9.

---

*Petunia x hybrida* 'Tidal Wave® Silver' (Hedgiflora)

seed source: Park Seed



**Aug. 2** Height: 8-9" Spread: 24-28"



**Sept. 7** Height: 16-18" Spread: 36-40"

Really good bloom all season but a few plants weren't quite as vigorous as others.

---

*Petunia x hybrida* 'Wave® Carmine Velour' (Spreading)

seed source: All-America Selections



**Aug. 2** Height: 3-6" Spread: to 36"



**Sept. 7** Height: 7-8" Spread: 42+"

**2019 All-American Selections (AAS) Flower Winner.** Top performer all season with good bloom, vigor and uniformity. Received 1 'flag' vote on August 9.

---

*Petunia x hybrida* 'Wave® Purple Improved' (Spreading)

seed source: Park Seed



**Aug. 2** Height: 3-6" Spread: to 36"



**Sept. 7** Height: 6" Spread: 30+"

Top performer all season with good bloom, vigor and uniformity. This received 3 'flag' votes on August 9.

---

*Plectranthus scutellarioides* (Coleus) 'Premium Sun Ruby Heart'

seed source: Ball Seed



**Aug. 2** Height: 7-9" Spread: 9-12"



**Sept. 7** Height: 13-15" Spread: 12-14"

This did well all season but looked particularly good by early September. It didn't produce a lot of flowers and was very uniform. Coleus were started in the greenhouse on February 23.

---

*Plectranthus scutellarioides* (Coleus) 'Wizard™ Select Mixture Improved'

seed source: PanAmerican Seed



**Aug. 2** Height: 3-8" Spread: 4-11"



**Sept. 7** Height: 7-11" Spread: 6-14"

This had a nice mix of colors but it lacked uniformity in size and vigor all season.

---

*Rudbeckia hirta* 'Amarillo Gold'

seed source: All-America Selections



**Aug. 2** Height: 8-10" Spread: 3-12"



**Sept. 7** Height: 7-13" Spread: 4-12"

**2020 All-America Selections (AAS) Flower Winner.** Nice bloom all season but there were some differences in size and vigor. *Rudbeckia* seeds were started in the greenhouse on March 7.

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*Rudbeckia hirta* 'Cherry Brandy'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 14-15" Spread: 10-12"



**Sept. 7** Height: 15-18" Spread: 10-17"

Flowers were pretty but plants weren't uniform in size or vigor.

---

*Rudbeckia hirta* 'Indian Summer'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 20-22" Spread: 7-19"



**Sept. 7** Height: 23-33" Spread: 16-24"

Very good bloom into September but plants weren't uniform in size. This received 4 'flag' votes on August 9.

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*Rudbeckia hirta* 'Prairie Sun'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 14-18" Spread: 9-16"



**Sept. 7** Height: 14-24" Spread: 15-25"

Nice bloom all summer but there were differences in size. This received 9 'flag' votes on August 9.

---

*Rudbeckia hirta* 'Sahara'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 9-18" Spread: 6-13"



**Sept. 7** Height: 12-18" Spread: 13-18"

Not uniform in size, bloom or vigor early in the season. Bloom was good by September but plants still weren't uniform in size or vigor.

---

*Rudbeckia hirta* 'Sputnik'

seed source: Park Seed



**Aug. 2** Height: 6-15" Spread: 6-18"



**Sept. 7** Height: 9-20" Spread: 3-12"

Blooms were pretty but plants weren't uniform in size or vigor all season.

---

*Salvia farinacea* 'Evolution'

seed source: Park Seed



**Aug. 2** Height: 15-18" Spread: 11-13"



**Sept. 7** Height: 19-27" Spread: 20"

This looked good all season but was especially nice late August into September. *Salvia* were started in the greenhouse on March 25.

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*Salvia farinacea* 'Victoria Blue'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 12-29" Spread: 6-14"



**Sept. 7** Height: 30-41" Spread: 27-36"

Not uniform in height or bloom and there was one plant that was light blue while the others were darker blue. This received 1 'flag' vote on August 9.

---

*Scabiosa atropurpurea* 'Black Knight'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 16-25" Spread: 14-20"



**Sept. 7** Height: 28-32" Spread: 18-20"

Nice early with good bloom and vigor but was past peak bloom by second evaluation. This received 1 'flag' vote on August 9. *Scabiosa* were started in the greenhouse on February 14.

---

*Scabiosa atropurpurea* 'Oxford Blue'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 28-30" Spread: 11-13"



**Sept. 7** Height: 28-30" Spread: 18-20"

Nice early with good bloom and vigor. A bit past peak bloom by the second evaluation.

---

*Senecio cineraria* (Dusty Miller) 'Silverdust'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 6-8" Spread: 6-8"



**Sept. 7** Height: 10-12" Spread: 11-16"

Slow to establish and was small for the first evaluation but looked nice for the second evaluation. This was started in the greenhouse on February 23.

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*Tagetes erecta* (American Marigold) 'Big Duck Gold'

seed source: All-America Selections



**Aug. 2** Height: 18-19" Spread: 18-19"



**Sept. 7** Height: 24-28" Spread: 24"

**2019 All-America Selections (AAS) Flower Winner.** Nice all season with good bloom and vigor. Marigolds were started in the greenhouse April 4.

---

*Tagetes erecta* (American Marigold) 'Big Duck Orange'

seed source: All-America Selections



**Aug. 2** Height: 16-18" Spread: 16-18"



**Sept. 7** Height: 22-24" Spread: 20-24"

**2019 All-America Selections (AAS) Flower Winner.** Top performer all season with good bloom, vigor and uniformity.

---

*Tagetes erecta* (American Marigold) 'Big Duck Yellow'

seed source: All-America Selections



**Aug. 2** Height: 20-23" Spread: 16-19"



**Sept. 7** Height: 24-26" Spread: 26-28"

**2019 All-America Selections (AAS) Flower Winner.** Top performer all season with good bloom, vigor and uniformity. This received 1 'flag' vote on August 9.

---

*Tagetes erecta* (American Marigold) 'Coco™ Gold'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 18-20" Spread: 20-22"



**Sept. 7** Height: 23-26" Spread: 32-36"

Vigor good but one plant was slower to bloom than the others. This received 1 'flag' vote on August 9.

---

*Tagetes erecta* (American Marigold) 'Garuda Deep Gold'

seed source: All-America Selections



**Aug. 2** Height: 19-23" Spread: 15-20"



**Sept. 7** Height: 26-36" Spread: 28-30"

**2019 All-America Selections (AAS) Flower Winner.** Was very vigorous all summer but strong winds after planting pushed some of these over and the growth was affected. This received 1 'flag' vote on August 9.

---

*Tagetes erecta* (American Marigold) 'Giant Orange'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 22" Spread: to 18"



**Sept. 7** Height: 29-31" Spread: 34-36"

Good vigor all season but was falling over. This received 1 'flag' vote on August 9.

---

*Tagetes erecta* (American Marigold) 'Giant Yellow'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 22" Spread: 18-22"



**Sept. 7** Height: 25-26" Spread: 34-36"

Good bloom and vigor all season but looked best in early September.

---

*Tagetes erecta* (American Marigold) 'Nosento Limegreen'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 16-20" Spread: 19-20"



**Sept. 7** Height: 20-23" Spread: 34-36"

Good vigor but not uniform in bloom.

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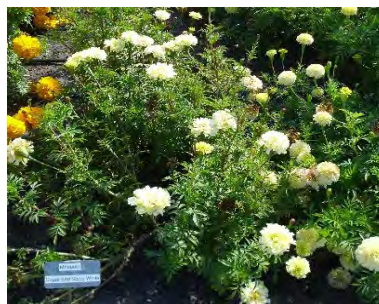
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*Tagetes erecta* (American Marigold) 'Sugar and Spice White'

seed source: Park Seed



**Aug. 2** Height: 10-11" Spread: 13-16"



**Sept. 7** Height: 15-16" Spread: 22-24"

Not as floriferous or vigorous as other marigolds and the white petals had browning on them.

---

*Tagetes erecta* (American Marigold) 'White Swan'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 18-20" Spread: 12-18"



**Sept. 7** Height: 30-32" Spread: 34-36"

This had good vigor and bloom all season but browning of older petals was noticeable.

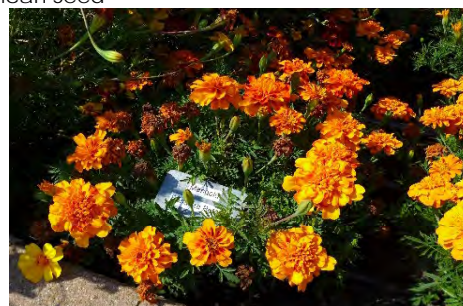
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*Tagetes patula* (French Marigold) 'Bonanza Bolero'

seed source: PanAmerican Seed



**Aug. 2** Height: 8-11" Spread: 10-13"



**Sept. 7** Height: 10-11" Spread: 14"

This was doing well but then got crowded by 'Linnaeus Burning Embers' marigold.

---

*Tagetes patula* (French Marigold) 'Bonanza Orange'

seed source: PanAmerican Seed



**Aug. 2** Height: 12-14" Spread: 16-18"



**Sept. 7** Height: 15-17" Spread: 20-23"

Had to pull one in August due to Aster Yellows. This received 3 'flag' votes on August 9.

---

*Tagetes patula* (French Marigold) 'Bonanza Yellow'

seed source: PanAmerican Seed



**Aug. 2** Height: 12-14" Spread: 14-16"



**Sept. 7** Height: 15-17" Spread: 20-23"

Nicest of the 3 'Bonanza' marigolds. This received 1 'flag' vote on August 9.

---

*Tagetes patula* (French Marigold) 'Durango Outback Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 12-16" Spread: 12-18"



**Sept. 7** Height: 15-17" Spread: 22-23"

This had good bloom and vigor all season but there were mostly orange colors.

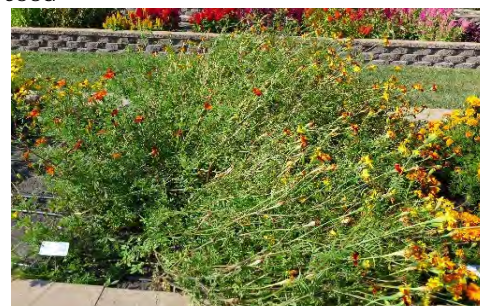
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*Tagetes patula* (French Marigold) 'Linnaeus Burning Embers'

seed source: Park Seed



**Aug. 2** Height: 26-28" Spread: to 36"



**Sept. 7** Height: to 36" Spread: to 36"

This grew too big for the spot it was in. It also started falling over at the end of the season.

---

*Tagetes patula* (French Marigold) 'Super Hero Spry'

seed source: All-America Selections



**Aug. 2** Height: 8-10" Spread: 12-16"



**Sept. 7** Height: 13-15" Spread: 13-18"

**2018 All-America Selections (AAS) Flower Winner.** Bloom was good but there were size differences. Also had to pull some plants with Aster Yellows. This received 3 'flag' votes on August 9.

---

*Tithonia rotundifolia* Mexican Sunflower

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 36-40" Spread: to 36"



**Sept. 7** Height: 50-60" Spread: 38-40"

This was very vigorous and crowded the plants next to it. It received 10 'flag' votes on August 9. This was started in the greenhouse on April 4.

---

*Tropaeolum majus* (Nasturtium) 'Double Dwarf Jewel Mix'

seed source: Burpee



**Aug. 2** Height: 5-10" Spread: 9-17"



**Sept. 7** Height: 22-24" Spread: to 36"

This was not uniform in size or bloom but had good vigor all season. Blooms were hidden under the foliage. This received 2 'flag' votes on August 9. Nasturtium were started in the greenhouse on April 11.

---

*Tropaeolum majus* (Nasturtium) 'Phoenix'

seed source: Burpee



**Aug. 2** Height: 4-6" Spread: 4-14"



**Sept. 7** Height: 8-12" Spread: to 36"

Very slow to get established and weren't very vigorous for first evaluation. Looked much better in early September.

---

*Tropaeolum minus* (Nasturtium) 'Baby Rose'

seed source: All-America Selections



**Aug. 2** Height: 3-4" Spread: 3-7"



**Sept. 7** Height: 6-12" Spread: 8-15"

**2019 All-America Selections (AAS) Flower Winner.** Very slow to establish and didn't start looking good until September. Blossoms were hidden in the foliage.

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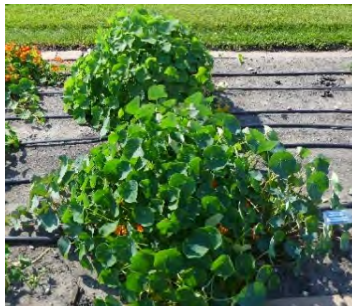
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*Tropaeolum minus* (Nasturtium) 'Empress of India'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 5-12" Spread: 7-17"



**Sept. 7** Height: 12-22" Spread: to 36"

Slow to establish and didn't have much vigor until late August. Blossoms were hidden under foliage. Received 1 'flag' vote on August 9.

---

*Verbena bonariensis*

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 28-30" Spread: to 36"



**Sept. 7** Height: 36" Spread: 42"

Top performer all season with good vigor, bloom and uniformity. This received 2 'flag' votes on August 9. *Verbena* were started in the greenhouse on March 7.

---

*Verbena bonariensis* 'Vanity'

seed source: All-America Selections



**Aug. 2** Height: 24-26" Spread: to 24"



**Sept. 7** Height: 34" Spread: 33"

**2022 All-America Selections (AAS) Flower From Seed Winner.** Top performer all season with good bloom, vigor and uniformity. Received 1 'flag' vote on August 9.

---

*Verbena hybrid* 'Beats™ Purple + White'

plant source: All-America Selections



**Aug. 2** Height: 1-2" Spread: 6-12"



**Sept. 7** Height: 3-4" Spread: 12-15"

**2022 All-America Selections (AAS) Flower From Cutting Winner.** Slow to establish but was doing well by the end of August. Plants were received and potted up on March 18.

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*Xerochrysum bracteatum* (Strawflower) 'Monstrosum Tall Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: to 48" Spread: 19-20"



**Sept. 7** Height: to 42" Spread: 20-30"

Good bloom and vigor although there were some differences in size. This received 2 'flag' votes on August 9. The strawflower were started in the greenhouse on April 11.

---

*Xerochrysum bracteatum* (Strawflower) 'Sultane Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 24-36" Spread: 20-24"



**Sept. 7** Height: to 48" Spread: 24-30"

Good bloom and vigor although there were some size differences. This received 9 'flag' votes on August 9.

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*Zinnia elegans* 'Benary's Giant Wine'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 25-30" Spread: 15-18"



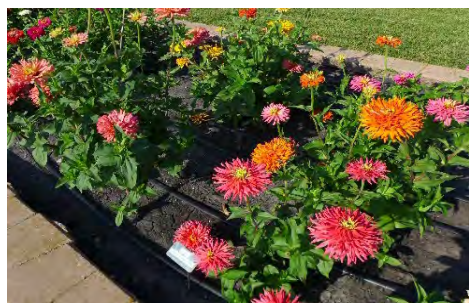
**Sept. 7** Height: 30-36" Spread: 28-30"

Did well all season. Received 7 'flag' votes on August 9. All zinnia were started in the greenhouse on April 4.

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*Zinnia elegans* 'Cactus Flowered Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 20-33" Spread: 15-28"



**Sept. 7** Height: 30-36" Spread: 30-32"

Did well all season but there were some size differences. This received 8 'flag' votes on August 9.

---

*Zinnia elegans* 'Cut and Come Again'

seed source: Burpee



**Aug. 2** Height: 20-24" Spread: 17-20"



**Sept. 7** Height: 24-34" Spread: 34-36"

Did well all season. Received 2 'flag' votes on August 9.

---

*Zinnia elegans* 'Giant Dahlia Flowered Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 20-26" Spread: 12-20"



**Sept. 7** Height: 28-36" Spread: 20-28"

Did well all season but there were some size differences between colors. Received 4 'flag' votes on August 9.

---

*Zinnia elegans* 'Giant Golden Yellow'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 20-22" Spread: 22-24"



**Sept. 7** Height: 34-36" Spread: 25-28"

Did well all season but some of the stems were falling over by September.

---

*Zinnia elegans* 'Giant Orange'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 20-22" Spread: 22-24"



**Sept. 7** Height: 26-35" Spread: 30-32"

This was nice but didn't seem as floriferous as some other zinnias. It received 2 'flag' votes on August 9.

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*Zinnia elegans* 'Holi Scarlet'

seed source: All-America Selections



**Aug. 2** Height: 13-15" Spread: 12-14"



**Sept. 7** Height: 14-20" Spread: 18-22"

**2019 All-America Selections (AAS) Flower Winner.** Very good bloom all season but there were some fungal problems showing up in September. This received 2 'flag' votes on August 9.

---

*Zinnia elegans* 'Oklahoma Formula Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 26-28" Spread: 21-23"



**Sept. 7** Height: 20-32" Spread: 24-30"

Top performer all season with good bloom and vigor. There were some size differences between the colors.

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*Zinnia elegans* 'Park's Pick Mix'

seed source: Park Seed



**Aug. 2** Height: 22-27" Spread: 16-20"



**Sept. 7** Height: 34-38" Spread: 20-30"

Did well all season and received 1 'flag' vote on August 9.

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*Zinnia elegans* 'Queen Red Lime'

seed source: Park Seed



**Aug. 2** Height: 26-28" Spread: 17-18"



**Sept. 7** Height: 34-36" Spread: 28-30"

Nice all season with good bloom and vigor. This received 2 'flag' votes on August 9.

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*Zinnia elegans* 'Queeny Lime Orange'

seed source: All-America Selections



**Aug. 2** Height: 19-28" Spread: 18-20"



**Sept. 7** Height: 30-32" Spread: 26-30"

**2018 All-America Selections (AAS) Flower Winner.** This did well all season and received 1 'flag' vote on August 9.

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*Zinnia elegans* 'Sunbow Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 18-20" Spread: 18-20"



**Sept. 7** Height: 28-32" Spread: 20-24"

Nice color mix and did well all season.

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*Zinnia elegans* 'Zesty Orange'

seed source: Ball Seed



**Aug. 2** Height: 17-18" Spread: 16-18"



**Sept. 7** Height: 20-22" Spread: 24-26"

Top performer all season with good bloom, vigor and uniformity. Received 4 'flag' votes on August 9.

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*Zinnia elegans* 'Zesty Purple'

seed source: Ball Seed



**Aug. 2** Height: 12-17" Spread: 12-15"



**Sept. 7** Height: 15-17" Spread: 20-24"

Top performer all season with good bloom, vigor and uniformity. This was one of the open house favorites receiving 12 'flag' votes on August 9.

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*Zinnia elegans* 'Zesty Yellow'

seed source: Ball Seed



**Aug. 2** Height: 8-13" Spread: 9-14"



**Sept. 7** Height: 13-14" Spread: 13-22"

This was a top performer early in the season but deadheads detracted in September. It received 1 'flag' vote on August 9.

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*Zinnia elegans* 'Zinderella Lilac'

seed source: Park Seed



**Aug. 2** Height: 25-26" Spread: 15-20"



**Sept. 7** Height: 30-34" Spread: 30-33"

Did well all season. This received 2 'flag' votes on August 9.

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*Zinnia elegans* 'Zinderella Orange'

seed source: Park Seed



**Aug. 2** Height: 12-25" Spread: 12-20"



**Sept. 7** Height: 24-35" Spread: 26-30"

Did well all season but one plant was smaller and didn't bloom as much as the others.

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*Zinnia elegans* 'Zinderella Peach'

seed source: Park Seed



**Aug. 2** Height: 16-18" Spread: 18-20"



**Sept. 7** Height: 23-25" Spread: 33-36"

Nice bloom and good vigor all season. Received 1 'flag' vote on August 9.

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*Zinnia elegans* 'Zinderella Purple'

seed source: Park Seed



**Aug. 2** Height: 10-18" Spread: 8-20"



**Sept. 7** Height: 12-25" Spread: 15-24"

Bloom was good but there were some differences in vigor and size. It received 1 'flag' vote on August 9.

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*Zinnia elegans* 'Zinderella Red'

seed source: Park Seed



**Aug. 2** Height: 21-23" Spread: 18-20"



**Sept. 7** Height: 19-36" Spread: 33-36"

This was one of the nicer 'Zinderella' zinnias for the first evaluation but one of the plants fell over.

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*Zinnia elegans* 'Zowie! Yellow Flame'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 22-24" Spread: 20-22"



**Sept. 7** Height: 21-28" Spread: 22-33"

Top performer all season with good bloom, vigor and uniformity. This received 7 'flag' votes on August 9.

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*Zinnia haageana* 'Jazzy Mix'

seed source: Johnny's Selected Seeds



**Aug. 2** Height: 11-20" Spread: 13-17"



**Sept. 7** Height: 12-23" Spread: 22-28"

Good bloom but there were size differences over the course of the summer.

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*Zinnia hybrida* 'Profusion Red'

seed source: All-America Selections



**Aug. 2** Height: 8-10" Spread: 12-15"



**Sept. 7** Height: 12-15" Spread: 19-22"

**2017 All-America Selections (AAS) Flower Winner.** Nice all summer with good bloom, vigor and uniformity.

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*Zinnia hybrida* 'Profusion Red Yellow Bicolor'

seed source: All-America Selections



**Aug. 2** Height: 8-10" Spread: 12-18"



**Sept. 7** Height: 12-15" Spread: 12-22"

**2021 All-America Selections (AAS) Gold Medal Flower Winner.** Not as floriferous as some other zinnias early in the season and there were some spread differences.

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*Zinnia hybrida* 'Macarena' -Crouching Tiger

seed source: Park Seed



**Aug. 2** Height: 18-20" Spread: 18-20"



**Sept. 7** Height: 20-23" Spread: 18-20"

Nice early in the season but had some fungal problems in September.

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*Zinnia hybrida* 'Mazurkia'-Hidden Dragon

seed source: Park Seed



**Aug. 2** Height: 18-20" Spread: 18-20"



**Sept. 7** Height: 24-34" Spread: 30-32"

Good bloom and vigor but one plant blew over.

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## Seed/Plant Source List-2022<sup>1</sup>

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All-America Selections  
1311 Butterfield Road, Suite 311  
Downer's Grove, IL 60515  
[all-americanselections.org](http://all-americanselections.org)

Ball Seed (W)  
622 Town Road  
West Chicago, IL 60185-2698  
[ballseed.com](http://ballseed.com)

Burpee (R)  
300 Park Ave  
Warminster, PA 18974  
[burpee.com](http://burpee.com)

Johnny's Selected Seeds (R)  
955 Benton Avenue  
Winslow, Maine 04901-2601  
[johnnyseeds.com](http://johnnyseeds.com)

PanAmerican Seed (W)  
622 Town Road  
West Chicago, IL 60185-2698  
[panamseed.com](http://panamseed.com)

Park Seed (R)  
3507 Cokesbury Road  
Hodges, SC 29653  
[parkseed.com](http://parkseed.com)

Park Seed Wholesale (W)  
3507 Cokesbury Road  
Hodges, SC 29653  
[parkseed.com](http://parkseed.com)

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<sup>1</sup> Disclaimer-Company names are included for public information; no discrimination is intended and no endorsement by NDSU or the North Dakota Agriculture Experiment Station is implied.

<sup>2</sup> "W" after a company name indicates a wholesale or breeding company while an "R" after a company name indicates a retail company.