



# 2020 PLANT TRIALS

## ANNUALS, VEGETABLES, & PERENNIALS

MICHIGAN STATE  
UNIVERSITY

**Daedre McGrath and Dr. Kristin Getter**

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Michigan State University  
East Lansing, MI 48824

[http://www.hrt.msu.edu/our\\_gardens/trial\\_garden](http://www.hrt.msu.edu/our_gardens/trial_garden)

**2020 Michigan State University Plant Trials**  
Located in the MSU Horticulture Gardens  
East Lansing, Michigan

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# Welcome to the 2020 Michigan State University Plant Trials

Located in the MSU Horticulture Gardens  
East Lansing, Michigan

The MSU Horticulture Gardens have been designed and built based on the generous financial support of our horticulture industries, the general public, and our “Friends of the Garden”. We are proud to be a part of the MSU Department of Horticulture, considered to be one of the finest horticulture teaching, research, and extension facilities in the country. Most of the plant trials are located in the Amien and Florence Carter Annual Trial garden, which is arranged as a garden display.

The purpose of our trial gardens is to grow and evaluate a wide range of new and sometimes old varieties in our mid-Michigan climatic conditions. Our growing conditions here are characterized by cold winters (USDA Zone 5) and cool springs followed by warm, sometimes hot, humid summers. Our last frost date is typically May 15, and night temperatures are consistently above 50 °F only after June 1.

After the last few years, it is hard to remember what a “normal” growing season (May through September) is like in terms of temperature and precipitation. In May of this year, we had several days that brought us over an inch of rain in each rain event! June and early-July were quite dry and hot. Time will only tell for the remainder of our trial season, but overall, the plants seem to be performing well.

In the MSU trials, we rank performance every two weeks based on vigor, uniformity, and “Wow factor”. We also take note of susceptibility to diseases and insects, and tolerance to changes in environmental conditions when appropriate. Plant performance depends on a number of factors including genetics, soil, and weather conditions. A summary of this evaluation information is posted on the web each year for professionals and the general

gardening public.

[http://www.canr.msu.edu/hrt/our\\_gardens/trial\\_garden/](http://www.canr.msu.edu/hrt/our_gardens/trial_garden/)

Seeds or young plants are typically submitted by breeders, seed companies, and nurseries. Plants are grown in our MSU teaching greenhouses and transplanted into ground beds or containers starting in late-May and completed this year in early-June.

Companies are given the choice of whether they would prefer their plants to be grown in ground beds, hanging baskets, or in 22" containers. In the ground beds, plants are typically planted at 8" to 12" spacing depending on the species with generally about 24 plants per trial entry. Some entries perform remarkably better in containers than in the ground.

Funding to support our trials come mostly from plant breeding companies, the Western Michigan Greenhouse Association, the Metro Detroit Flower Growers Association and MSU Horticulture Garden-sponsored events. We are looking for additional sponsors as we continue to expand the scope and nature of our trial gardens.

We are also an official All-America Selections (AAS) trial location and a number of interesting new ornamental plants were tested in 2020 to help establish the next round of AAS winners! MSU was first selected as a site for the AAS trials in 1978.

All of these gardens are maintained by a dedicated staff housed in the Horticulture Department. Dan Bulkowski is the overall Garden Manager, Daedre McGrath is the Annual Trial Garden Manager, and Bethany Troy is the Perennial Garden Manager. All Trials are under the direction Dr. Kristin Getter (Garden Director).

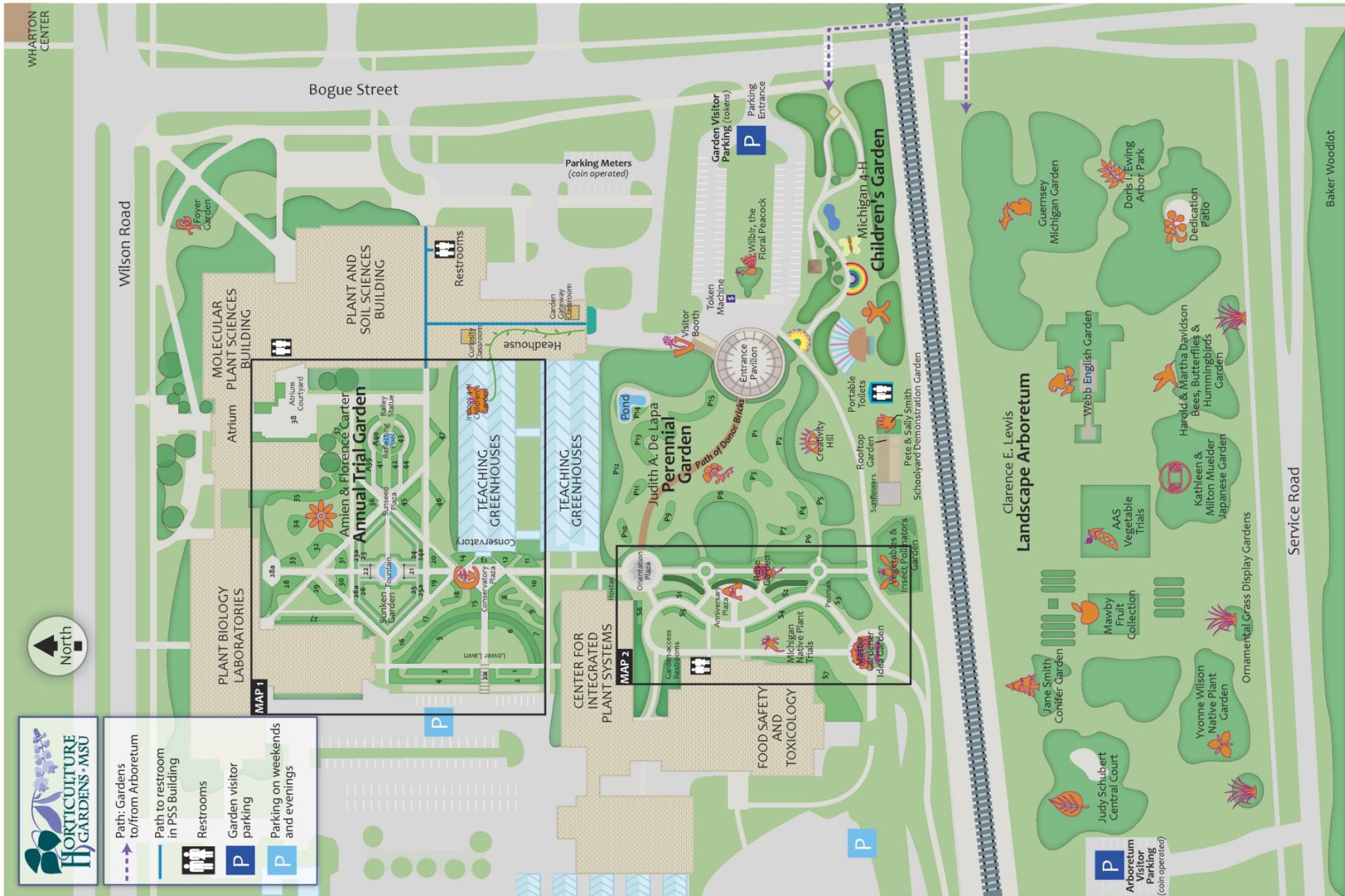
If you have time, be sure and visit the Judith A. DeLapa Perennial Gardens, the 4-H Children’s Garden, and the Clarence E. Lewis

Arboretum. We are also carrying out a study of almost 90 succulent varieties for use in Michigan gardens. Our goal is to identify varieties that tolerate outdoor growing conditions and grow quickly enough to hold their own as annuals. Another feature this summer is our flowering annual vine display, which can be found in the South Garden (just West of the Rose Garden). We believe you will find many additional jewels if you further explore our MSU Horticulture Gardens. For a detailed map, see page 3, and for descriptions of all our gardens, please go to our website:  
[http://www.canr.msu.edu/hrt/our\\_gardens/](http://www.canr.msu.edu/hrt/our_gardens/)

Thank you for visiting the MSU Horticulture Gardens!

Daedre McGrath  
Trial Garden Manager

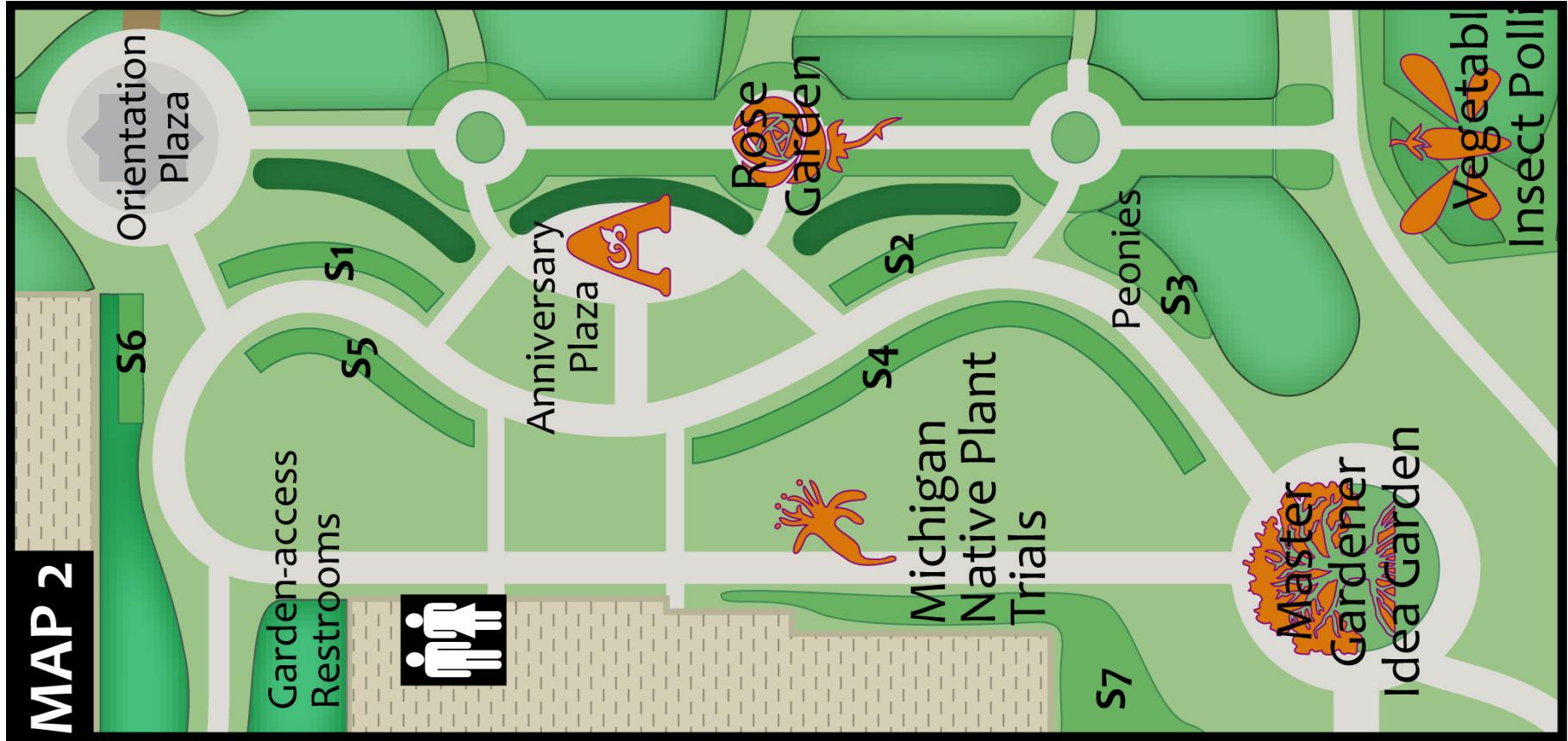
Dr. Kristin Getter  
MSU Horticulture Garden Director  
Trial Garden Director



**MAP 1**



## MAP 2



**2020 Participating Sponsors**  
**Thank you to our sponsoring companies!**

Ball FloraPlant  
Benary  
Jelitto  
Kieft Seed  
PanAmerican Seed  
Proven Winners  
Sakata  
Selecta One  
Suntory  
Syngenta  
Terra Nova  
Walter's Gardens

**Other Companies Represented at the MSU Trials**  
**Includes AAS, Fleuroselect, and unsponsored trials**

AmeriSeed  
HM Clause  
Hugo Dittmar/ Floragran  
Miyoshi & Co.  
Mountain Crest Gardens  
Murakami Seed  
NARIC/Hem Zaden  
Takii Seed  
Thompson & Morgan  
Van Hemert & Co.

## **2020 MSU Horticulture Garden Staff**

The People That Make It Happen!

### **Trial Garden Manager**

#### **Daedre McGrath**

Daedre has designed, planted, and managed the trial gardens and annual displays since 2013. She enjoys incorporating unusual plants such as edibles and succulents into her annual display beds. Daedre is an MSU graduate from the Department of Horticulture.

### **Greenhouse and Garden Manager**

#### **Dan Bulkowski**

Our fearless leader in the greenhouse and garden! Dan runs the entire show and helps to fix just about anything that breaks. An impossible job –but he manages to pull it off – and with a smile! Dan is an MSU graduate from the Department of Horticulture.

### **Perennial Garden Manager**

#### **Bethany Troy**

Bethany is our perennial manager and cares for the Judith A. DeLapa Perennial garden beds as well as many other garden areas. Bethany is an MSU graduate from the Department of Horticulture.

### **Youth Educational coordinator**

#### **Jessica Wright**

Jessica coordinates our educational programs for children. In most years, she hosts over 14,000 children who come to participate in Butterflies in the Garden, Seeds of Science, and other educational programs. Jessica is an MSU graduate from the Department of Horticulture and the College of Education.

### **Garden Program Coordinator**

#### **Amy McCausey**

Amy is our wedding and event coordinator. She organizes all of our adult educational programs, including Garden Day and Plant Trial Field Day, as well as all of our wedding venue rentals.

### **MSU Horticulture Garden Director**

#### **Dr. Kristin Getter**

### **Clancy E. Lewis Arboretum Curator**

#### **Dr. Bob Schutzki**

### **4-H Children's Garden Curator**

#### **Dr. Norm Lownds**

## 2020 Summer Interns and Employees

Our normal student crew consists of about 15 workers. As a result of restrictions due to the COVID-19 pandemic, this year we were only able to hire 6! We are fortunate to have brought back an all-star team from 2019 and welcomed one newcomer as the Trial Garden Intern. Our students have been put under added pressure and given incredible responsibility this summer, but they are rocking it! Each has spent long and tedious hours weeding, watering, and doing an endless number of garden tasks. They worked under wet and dry, hot and cold conditions this year – but returned each day to do it again. Thanks to their efforts, the gardens are once again looking great, even with 1/3 of our normal crew!

### Amien and Florence Carter Annual Trial Garden:

Malinda Berberio—*recipient of the 2020 Annual Trial Garden Internship, co-funded by the Western Michigan Greenhouse Association and the Metro Detroit Flower Growers Association*

### Judith A. DeLapa Perennial Gardens

Andrew Mell\*

### Students who worked on several projects throughout the gardens including watering greenhouses and hanging baskets, pruning roses, mulching, etc.:

Cole Spence  
Alexis Anderson

### Students in the 4-H Children's Garden:

Mackenzie Hiatt\*

### Students and summer employees in Clarence E. Lewis Arboretum:

Danielle Ellsworth\*

\* Denotes MSU Horticulture majors

## 2020 Garden Volunteers

**Special thanks** to our volunteers! We have over 100 dedicated volunteers. In a normal year, many of them help us nearly every week in the spring and summer months. As a result of restrictions due to the COVID-19 pandemic, we were not able to bring in volunteers until mid-June and even at that time, only on a very limited basis. We cannot thank them enough for the help they provide. We literally could not do it without them this year!

## **Michigan State University Plant Trials**

### **2020 Cultural Information**

#### **Starting Material**

The majority of trial plants started from seeds were sown between March and April. Perennial flower seeds were started as early as late-January. Seeds were germinated in seed flats or plug trays in a greenhouse set at 75 °F D/N. Specific dates of seeding are given in the following trial tables. After appropriate growth, seedlings were transplanted to either 1204 or 1801 flats. Transplant dates are also given in the following tables.

Cloned plants were propagated by cuttings or tissue culture in commercial greenhouses. Rooted cuttings were shipped to MSU as liners. Upon receipt, the rooted cuttings were transplanted immediately into 1801 flats. Most were received and transplanted between late-March and mid-April. Unrooted cuttings were stuck into flats of peat-lite soil mix and grown in a mist-house until roots emerged.

#### **Greenhouse Conditions**

After transplanting, all seed and vegetative material were grown in glass greenhouses set at 75 °F daytime and 68 °F nighttime temperature until moved to the garden beds.

Plants were grown in peat-lite soil mix (2-B Mix generously donated by Fafard) and fertigated at every watering with 19-4-23 (125 ppm N) water soluble fertilizer.

No PGRs were used on annuals evaluated in these trials.

#### **Container Plants**

Companies are given the choice of whether they would prefer their plants to be grown in containers, hanging baskets, or ground beds. When requested, plants were transplanted into 22" containers or hanging baskets and held in the greenhouse for about 3-4 weeks before placing them outdoors late-May. Depending on the size of the transplant, containers/hanging baskets were planted with 7 (1801-size) to 10 (1204-size) plants.

#### **Outdoor Ground Bed Management**

##### *Fall 2019 – Cleanup, early bed preparation*

After removal of annuals last fall, all beds were raked, cleaned, and compost was added.

##### *Spring 2020 – Pre-planting activities*

Bed lines were marked and hand cut. Round-Up was applied where necessary to control weeds before planting.

##### *Spring 2020 - Planting Schedule*

The majority of transplants were planted outdoors between May 13 and May 28.

#### **Typical plant spacing**

Plants are typically planted at 8" to 12" on center, depending on the species. We typically plant at least 24 plants per trial entry in landscaped beds.

## **Michigan State University Plant Trials**

### **2020 Cultural Information - continued**

#### **Summer Maintenance**

##### **Watering**

All beds and containers were hand watered as needed, sometimes on a daily basis.

##### **Fertilization**

Ground beds were fertigated as needed with a 19-4-23 (250 ppm N) water soluble fertilizer starting mid-summer. Container trials received an application of Osmocote fertilizer early in the season, then were fertigated on the same schedule as the ground beds for the remainder of the season.

##### **Weeding**

All beds were hand weeded and cultivated as needed until plants filled in. With hot weather this summer, the garden staff and volunteers will both acknowledge that the weeds have been particularly aggressive, purslane in particular! Long hours of hand weeding were required to keep the beds looking good. Volunteers helped a great deal on this tedious task.

##### **Insect and Disease control**

No treatments were given this year for insect or disease control in the annual gardens. Relatively few troublesome insects or diseases were noted this year thus far.

#### **Potting Soil**

For this growing season, all of the potting soil used in our greenhouses and for our outdoor containers was generously donated by Fafard  
<http://fafard.com/>

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
S5-1	Argyranthemum Grandaisy Dark Pink	Suntory	S	v	C	n/a	4/8	5/8	
S5-2	Argyranthemum Grandaisy Pink Halo	Suntory	S	v	C	n/a	4/8	5/8	
S5-3	Begonia Double Delight™ Blush Rose	Proven Winners	S	v	C	n/a	4/4	5/8	
S5-4	Begonia Double Delight™ Primrose	Proven Winners	S	v	C	n/a	4/4	5/8	
S5-5	Begonia Groovy Mellow Yellow	Benary	S	s	C	2/11	4/17	5/8	
S5-6	Begonia Groovy Orange	Benary	S	s	C	2/11	4/17	5/8	
S5-7	Begonia Groovy Red	Benary	S	s	C	2/11	4/17	5/8	
S5-8	Begonia Groovy Rose	Benary	S	s	C	2/11	4/17	5/8	
S5-9	Begonia Groovy White	Benary	S	s	C	2/11	4/17	5/8	
S5-10	Bidens Sun Drop Compact Double Yellow	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S5-11	Bidens Sun Drop Double Double Yellow	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S5-12	Calibrachoa Bumble Bee Orange	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S5-13	Calibrachoa Cha-Cha™ Deep Blue	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S5-14	Calibrachoa Cha-Cha™ Diva Apricot	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S5-15	Calibrachoa Cha-Cha™ Diva Hot Pink	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S5-16	Calibrachoa Cha-Cha™ Frosty Lemon	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S4-1	Calibrachoa Cha-Cha™ Tangerine	Ball FloraPlant	S	v	C	n/a	4/3	5/8	
S4-2	Calibrachoa MiniFamous® Neo Double OrangeTastic	Selecta One	S	v	C	n/a	4/3	5/8	

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S4-3	Calibrachoa Superbells® Coral Sun	Proven Winners	S	v	C	n/a	4/3	5/8	
S4-4	Calibrachoa Superbells® Double Amber	Proven Winners	S	v	C	n/a	4/3	5/8	
S4-5	Calibrachoa Superbells® Honeyberry™	Proven Winners	S	v	C	n/a	4/3	5/8	
S4-6	Celosia Bright Sparks™ Bright Yellow	Syngenta	S	s	C	3/16	4/6	5/8	
S4-7	Celosia Bright Sparks™ Scarlet	Syngenta	S	s	C	3/16	4/6	5/8	
S4-8	Fragaria Berried Treasure® Pink	Proven Winners	S	v	C	n/a	4/3	5/8	
S4-9	Fragaria Berried Treasure® Red	Proven Winners	S	v	C	n/a	4/3	5/8	
S4-10	Fragaria Berried Treasure® White	Proven Winners	S	v	C	n/a	4/3	5/8	
S4-11	Geranium Rosalie™ Antique Salmon	Syngenta	S	v	C	n/a	4/17	5/8	
S4-12	Impatiens hybrida SunPatiens® Compact Hot Pink	Sakata	S	v	C	stuck 3-11	n/a	5/8	
S4-13	Impatiens hybrida SunPatiens® Compact Rose Glow	Sakata	S	v	C	stuck 3-11	n/a	5/8	
S4-14	Pentas Glitterati™ Purple Star	PanAmerican Seed	S	s	C	1/28	3/11	5/8	
S4-15	Pentas Glitterati™ Red Star	PanAmerican Seed	S	s	C	1/28	3/11	5/8	
S4-16	Petunia Headliner™ Dark Violet Picotee 21	Selecta One	S	v	C	n/a	4/3	5/8	
S4-17	Petunia Headliner™ Electric Purple Sky	Selecta One	S	v	C	n/a	4/3	5/8	
S4-18	Petunia Itsy™ Magenta	Syngenta	S	v	C	n/a	4/17	5/8	
S4-19	Petunia Shortcake™ Blueberry	Syngenta	S	v	C	n/a	4/17	5/8	

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S4-20	Petunia SuperCal® Rose	Sakata	S	v	C	stuck 3-11	n/a	5/8	
S4-21	Petunia SuperCal® Royal Red	Sakata	S	v	C	stuck 3-11	n/a	5/8	
S4-22	Petunia Surfinia Purple Heart	Suntory	S	v	C	n/a	4/8	5/8	
S4-23	Petunia Surfinia Purple Starshine	Suntory	S	v	C	n/a	4/8	5/8	
S4-24	Petunia Surfinia White/Peach Heart	Suntory	S	v	C	n/a	4/8	5/8	
S4-25	Scaevola Surdiva Blue Violet	Suntory	S	v	C	n/a	4/8	5/8	
S4-26	Scaevola Surdiva Fashion Pink	Suntory	S	v	C	n/a	4/8	5/8	
S4-27	Scaevola Surdiva Purple	Suntory	S	v	C	n/a	4/8	5/8	
S4-28	Vinca Soiree Kawaii Blueberry Kiss	Suntory	S	v	C	n/a	4/8	5/8	
S4-29	Vinca Soiree Kawaii Coral Reef	Suntory	S	v	C	n/a	4/8	5/8	
S4-30	Vinca Soiree Kawaii Red Shades	Suntory	S	v	C	n/a	4/8	5/8	
S4-31	Vinca Soiree Kawaii White Peppermint	Suntory	S	v	C	n/a	4/8	5/8	
S4-32	Vinca Tattoo™ Black Cherry	PanAmerican Seed	S	s	C	3/16	4/6	5/8	
S4-33	Vinca Tattoo™ Blueberry	PanAmerican Seed	S	s	C	3/16	4/6	5/8	
S4-34	Vinca Tattoo™ Papaya	PanAmerican Seed	S	s	C	3/16	4/6	5/8	
S4-35	Vinca Tattoo™ Raspberry	PanAmerican Seed	S	s	C	3/16	4/6	5/8	
S4-36	Vinca Tattoo™ Tangerine	PanAmerican Seed	S	s	C	3/16	4/6	5/8	
Shade -1	Hosta Shadowland Wu-La-La	Walter's Gardens	S	v		n/a	n/a	5/26	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
Shade -2	Heuchera Dolce Toffee Tart	Walter's Gardens	S	v		n/a	n/a	5/26	
Shade -3	Heuchera Northern Exposure Sienna	Terra Nova	S	v		n/a	3/30	5/26	
Shade -4	Heuchera Lemon Supreme	Terra Nova	S	v		n/a	3/30	5/26	
Shade -5	Heucherella Peach Tea	Terra Nova	S	v		n/a	3/30	5/26	
Shade -6	Hypoestes Hippo® Pink	Proven Winners	S	v		n/a	4/4	5/26	
Shade -7	Hypoestes Hippo® Red	Proven Winners	S	v		n/a	4/4	5/26	
Shade -8	Impatiens Infinity® Blushing Crimson Imp	Proven Winners	S	v		n/a	4/4	5/26	
Shade -9	Impatiens Infinity® Light Purple Imp	Proven Winners	S	v		n/a	4/4	5/26	
Shade -10	Impatiens Infinity® Orange Imp	Proven Winners	S	v		n/a	4/4	5/26	
Shade -11	Impatiens walleriana Beacon® Bright Red	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -12	Impatiens walleriana Beacon® Coral	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -13	Impatiens walleriana Beacon® Orange	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -14	Impatiens walleriana Beacon® Rose	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -15	Impatiens walleriana Beacon® Salmon	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -16	Impatiens walleriana Super Elfin® Bright Orange	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -17	Impatiens walleriana Beacon® White	PanAmerican Seed	S	s		4/10	4/27	5/26	

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Shade -18	Impatiens walleriana Beacon® Violet Shades	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -19	Impatiens walleriana Super Elfin® XP White	PanAmerican Seed	S	s		4/10	4/27	5/26	
Shade -20	Primula Multiflora Type Yellow SK4-282	Sakata	S	s		1/14	3/9	5/26	
Shade -21	Primula Multiflora Type White SK5-329	Sakata	S	s		1/14	3/9	5/26	
Shade -22	Primula Multiflora Type Rose SK3-472	Sakata	S	s		1/14	3/9	5/26	
Shade -23	Primula Multiflora Type Pink SK2-381	Sakata	S	s		1/14	3/9	5/26	
Shade -24	Primula Multiflora Type Blue SK3-518	Sakata	S	s		1/14	3/9	5/26	
2-1	Agastache Kudos Red	Terra Nova	S	v		n/a	3/30	5/13	
2-2	Allium ramosum	Jelitto	S	s		2/17	3/18	5/13	
2-3	Allium schoenoprasum Pink One	Jelitto	S	s		2/17	3/18	5/13	
2-4	Allium schoenoprasum Purple One	Jelitto	S	s		2/17	3/18	5/13	
2-5	Delphinium Dasante Blue	Kieft Seed	S	s		4/10			
2-6	Echinacea Artisan™ Collection Red Ombre	Kieft Seed	S	s		2/10	3/9	5/13	
2-7	Echinacea Artisan™ Collection Soft Orange	Kieft Seed	S	s		2/10	3/9	5/13	
2-8	Echinacea Kismet Intense Orange	Terra Nova	S	v		n/a	3/30	5/13	
2-9	Echinacea Kismet White	Terra Nova	S	v		n/a	3/30	5/13	
2-10	Gaillardia aristata Fire Wheels	Jelitto	S	s		2/17	3/10	5/13	
1-9	Angelonia Serenita® White	PanAmerican Seed	S	s		2/24	3/26	5/21	

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Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
1-8	Angelonia Serenita® Sky Blue	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-7	Angelonia Serenita® Rose	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-6	Angelonia Serenita® Pink	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-5	Angelonia Serenita® Lavender	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-4	Angelonia Serena® White	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-3	Angelonia Serena® Rose	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-2	Angelonia Serena® Purple Improved	PanAmerican Seed	S	s		2/24	3/26	5/21	
1-1	Angelonia Serena® Blue Improved	PanAmerican Seed	S	s		2/24	3/26	5/21	
4-1	Geum Pretticoats Peach	Terra Nova	S	v		n/a	3/30	5/13	
4-2	Hemerocallis Rainbow Rhythm Lake of Fire	Walter's Gardens	S	v		n/a	n/a	5/13	
4-3	Hemerocallis Rainbow Rhythm King of Ages	Walter's Gardens	S	v		n/a	n/a	5/13	
4-4	Heuchera Grande Amethyst	Terra Nova	S	v		n/a	3/30	5/13	
4-5	Heuchera Grande Black	Terra Nova	S	v		n/a	3/30	5/13	
4-6	Nepeta Cat's Pajamas	Walter's Gardens	S	v		n/a	n/a	5/13	
4-7	Origanum Drops of Jupiter	Walter's Gardens	S	v		n/a	n/a	5/13	
4-8	Perovskia Sage Advice	Walter's Gardens	S	v		n/a	n/a	5/13	
4-9	Phlox Luminary Opalescence	Walter's Gardens	S	v		n/a	n/a	5/13	

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Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
4-10	Phlox Luminary Ultraviolet	Walter's Gardens	S	v		n/a	n/a	5/13	
4-11	Phlox Spring Bling Pink Sparkles	Walter's Gardens	S	v		n/a	n/a	5/13	
4-12	Phlox Spring Bling Ruby Riot	Walter's Gardens	S	v		n/a	n/a	5/13	
4-13	Salvia Color Spires Back to the Fuchsia	Walter's Gardens	S	v		n/a	n/a	5/13	
4-14	Salvia Pink Profusion	Walter's Gardens	S	v		n/a	n/a	5/13	
4-15	Sedum Peach Pearls	Terra Nova	S	v		n/a	3/30	5/13	
4-16	Sisyrinchium idahoense var. macounii Moody Blues	Jelitto	S	s		2/17	3/30	5/13	
4-17	Verbascum Sugar Plum	Terra Nova	S	v		n/a	3/30	5/13	
4-18	Geranium Mojo™ Cranberry Splash	Syngenta	S	v		n/a	4/17	5/21	
4-19	Geranium Mojo™ Dark Red	Syngenta	S	v		n/a	4/17	5/21	
4-20	Dahlia Dalaya® Raspberry	Selecta One	S	v		n/a	4/3	5/21	
4-21	Geranium Caldera™ Salmon	Syngenta	S	v		n/a	4/17	5/21	
4-22	Geranium Calliope® Medium Cherry	Syngenta	S	v		n/a	4/17	5/21	
4-23	Geranium Calliope® Medium Dark Red	Syngenta	S	v		n/a	4/17	5/21	
4-24	Celosia Sol™ Lizard Leaf	PanAmerican Seed	S	s		3/16	4/6	5/21	
4-25	Geranium Caldera™ Red	Syngenta	S	v		n/a	4/17	5/21	
4-26	Geranium Caldera™ Pink	Syngenta	S	v		n/a	4/17	5/21	
3-16	Celosia Sol™ Gekko Green	PanAmerican Seed	S	s		3/16	4/6	5/21	
3-15	Celosia First Flame™ Yellow Improved	PanAmerican Seed	S	s		3/16	4/6	5/21	

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3-14	Celosia First Flame™ Scarlet	PanAmerican Seed	S	s		3/16	4/6	5/21	
3-13	Celosia First Flame™ Red	PanAmerican Seed	S	s		3/16	4/6	5/21	
3-12	Celosia First Flame™ Purple	PanAmerican Seed	S	s		3/16	4/6	5/21	
3-11	Bracteantha Granvia Gold	Suntory	S	v		n/a	4/8	5/21	
3-10	Begonia Surefire® Red	Proven Winners	S	v		n/a	4/4	5/21	
3-9	Begonia Super Cool White Green Leaf	Benary	S	s		2/11	4/17	5/21	
3-8	Begonia Super Cool Red	Benary	S	s		2/11	4/17	5/21	
3-7	Begonia Super Cool Pink	Benary	S	s		2/11	4/17	5/21	
3-6	Begonia Super Cool Blush	Benary	S	s		2/11	4/17	5/21	
3-5	Begonia Double up™ White	Proven Winners	S	v		n/a	4/4	5/21	
3-4	Begonia Double Up™ Red	Proven Winners	S	v		n/a	4/4	5/21	
3-3	Begonia Double Up™ Pink	Proven Winners	S	v		n/a	4/4	5/21	
3-2	Begonia BIG® White Green Leaf	Benary	S	s		2/11	4/17	5/21	
3-1	Begonia BIG® Deep Rose Bronze Leaf	Benary	S	s		2/11	4/17	5/21	
5-1	Coleus ColorBlaze® Royale Apple Brandy™	Proven Winners	S	v		n/a	4/4	5/21	
5-2	Coleus ColorBlaze® Royale Cherry Brandy™	Proven Winners	S	v		n/a	4/4	5/21	
5-3	Coleus ColorBlaze® Royale Pineapple Brandy™	Proven Winners	S	v		n/a	4/4	5/21	
5-4	Coleus FlameThrower™ Cajun Spice	Ball FloraPlant	S	v		n/a	4/3	5/21	

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5-5	Coleus FlameThrower™ Dragon Heart	Ball FloraPlant	S	v		n/a	4/3	5/21	
5-6	Coleus FlameThrower™ Sriracha	Ball FloraPlant	S	v		n/a	4/3	5/21	
5-7	Colocasia Coffee Cups	Proven Winners	S	v		n/a	4/4	5/21	
5-8	Colocasia Heart of the Jungle™	Proven Winners	S	v		n/a	4/4	5/21	
5-9	Euphorbia Diamond Snow™	Proven Winners	S	v		n/a	4/3	5/21	
5-10	Euryops High Noon™	Proven Winners	S	v		n/a	4/4	5/21	
5-11	Gomphrena Ping Pong Purple Imp.	Sakata	S	s		3/16	4/6	5/21	
5-12	Gomphrena Truffula® Pink	Proven Winners	S	v		n/a	4/3	5/21	
5-13	Helianthus Sunccredible® Yellow	Proven Winners	S	v		n/a	4/4	5/21	
5-14	Helianthus Sunfinity® Yellow Dark Center	Syngenta	S	s		3/16	n/a	5/21	
5-15	Ipomoea Illusion® Emerald Lace	Proven Winners	S	v		n/a	4/4	5/21	
5-16	Ipomoea Sweet Caroline Kiwi	Proven Winners	S	v		n/a	4/4	5/21	
5-17	Ipomoea Sweet Caroline Light Green	Proven Winners	S	v		n/a	4/4	5/21	
5-18	Ipomoea Sweet Caroline Medusa™ Green	Proven Winners	S	v		n/a	4/4	5/21	
5-19	Ipomoea Sweet Caroline Raven™	Proven Winners	S	v		n/a	4/4	5/21	
5-20	Lantana Hot Blooded™ Red	Syngenta	S	v		n/a	4/17	5/21	

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5-21	Lantana Luscious® Royale Cosmo	Proven Winners	S	v		n/a	4/3	5/21	
5-22	Lantana Luscious® Royale Red Zone™	Proven Winners	S	v		n/a	4/3	5/21	
5-23	Lobelia Laguna® Sky Blue Imp	Proven Winners	S	v		n/a	4/3	5/21	
5-24	Lobelia Laguna® Ultraviolet™	Proven Winners	S	v		n/a	4/3	5/21	
5-25	Lobelia Starship™ Blue	Kieft Seed	S	s		1/28	3/10, 4/7	5/21	
5-26	Lobelia Starship™ Bronze Leaf	Kieft Seed	S	s		1/28	3/10, 4/7	5/21	
6-1	Lobelia Starship™ Burgundy	Kieft Seed	S	s		1/28	3/10	5/21	
6-2	Lobelia Starship™ Deep Rose	Kieft Seed	S	s		1/28	3/10	5/21	
6-3	Lobularia Moonlight Knight™	Proven Winners	S	v			4/4	5/21	
6-4	Lobularia White Knight®	Proven Winners	S	v		1/28	4/3	5/21	
6-5	Marigold, African Marvel II™ Gold	PanAmerican Seed	S	s		4/10	4/20	5/21	
6-6	Marigold, African Marvel II™ Orange	PanAmerican Seed	S	s		4/10	4/20	5/21	
6-7	Marigold, African Marvel II™ Yellow	PanAmerican Seed	S	s		4/10	4/20	5/21	
6-8	Osteospermum Bright Lights® Double Moonglow	Proven Winners	S	v		n/a	4/4	5/21	
6-9	Osteospermum Bright Lights® Red	Proven Winners	S	v		n/a	4/4	5/21	
6-10	Pentas BeeBright™ Lipstick	Syngenta	S	s		2/10	3/18	5/22	
6-11	Pentas BeeBright™ Pink	Syngenta	S	s		2/10	3/18	5/22	
6-12	Pentas BeeBright™ Red	Syngenta	S	s		2/10	3/18	5/22	
6-13	Pentas BeeBright™ White	Syngenta	S	s		2/10	3/18	5/22	

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7-1	Petunia Shock Wave® Coral Crush	PanAmerican Seed	S	s		4/10	4/29	5/22	
7-2	Petunia Shock Wave® Denim	PanAmerican Seed	S	s		4/10	4/29	5/22	
7-3	Petunia Shock Wave® Purple Tie Dye	PanAmerican Seed	S	s		4/10	4/29	5/22	
7-4	Petunia ColorRush™ White	Ball FloraPlant	S	v		n/a	4/3	5/22	
7-5	Petunia Dekko™ Banana	Syngenta	S	v		n/a	4/17	5/22	
7-6	Petunia Dekko™ Star Rose	Syngenta	S	v		n/a	4/17	5/22	
7-7	Petunia Easy Wave® Rose Fusion	PanAmerican Seed	S	s		4/10	4/29	5/22	
7-8	Petunia Easy Wave® Silver	PanAmerican Seed	S	s		4/10	4/29	5/22	
7-9	Petunia Easy Wave® Violet	PanAmerican Seed	S	s		4/10	4/29	5/22	
7-10	Petunia Supertunia® Honey™	Proven Winners	S	v		n/a	4/4	5/22	
7-11	Petunia Supertunia® Lovie Dovie™	Proven Winners	S	v		n/a	4/3	5/22	
7-12	Petunia Supertunia® Royal Velvet®	Proven Winners	S	v		n/a	4/3	5/22	
7-13	Petunia Bee's Knees	Ball FloraPlant	S	v		n/a	4/3	5/22	
7-14	Petunia Supertunia Vista® Bubblegum	Proven Winners	S	v		n/a	4/3	5/22	
7-15	Petunia Supertunia® Mini Vista™ Indigo	Proven Winners	S	v		n/a	4/3	5/22	
7-16	Petunia Supertunia® Mini Vista™ Pink Star	Proven Winners	S	v		n/a	4/3	5/22	
7-17	Phlox Gisele® Pink+Eye	Selecta One	S	v		n/a	4/3	5/22	
7-18	Phlox Gisele® Purple	Selecta One	S	v		n/a	4/3	5/22	
7-19	Phlox Gisele® Red	Selecta One	S	v		n/a	4/3	5/22	

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7-20	Phlox Gisele® Scarlet	Selecta One	S	v		n/a	4/3	5/22	
7-21	Salvia Lancelot	PanAmerican Seed	S	s		4/10	4/27	5/22	
7-22	Sanvitalia Sunbini	Proven Winners	S	v		n/a	4/4	5/22	
7-23	Scaevola Whirlwind® Blue	Proven Winners	S	v		n/a	4/4	5/22	
7-24	Scaevola Whirlwind® Starlight	Proven Winners	S	v		n/a	4/4	5/22	
7-25	Verbena EnduraScape™ Purple Improved	Ball FloraPlant	S	v		n/a	4/3	5/22	
7-26	Verbena EnduraScape™ Red Improved	Ball FloraPlant	S	v		n/a	4/3	5/22	
7-27	Vinca Valiant™ Apricot Improved	PanAmerican Seed	S	s		3/16	4/6	5/22	
7-28	Vinca Valiant™ Burgundy	PanAmerican Seed	S	s		3/16	4/6	5/22	
7-29	Vinca Valiant™ Lilac	PanAmerican Seed	S	s		3/16	4/6	5/22	
7-30	Vinca Valiant™ Magenta	PanAmerican Seed	S	s		3/16	4/6	5/22	
8-1	Vinca Valiant™ Orchid	PanAmerican Seed	S	s		3/16	4/6	5/22	
8-2	Vinca Valiant™ Punch	PanAmerican Seed	S	s		3/16	4/6	5/22	
8-3	Vinca Cora® XDR Hotgenta	Syngenta	S	s		3/16	4/6	5/22	
8-4	Vinca Cora® XDR Light Pink	Syngenta	S	s		3/16	4/6	5/22	
8-5	Vinca Cora® XDR Pink Halo	Syngenta	S	s		3/16	4/6	5/22	
8-6	Vinca Cora® XDR White	Syngenta	S	s		3/16	4/6	5/22	
8-7	Zinnia Double Zahara™ Bright Orange	PanAmerican Seed	S	s		4/10	4/22	5/22	

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8-8	Zinnia Double Zahara™ Cherry	PanAmerican Seed	S	s		4/10	4/22	5/22	
9-1	Zinnia Double Zahara™ Salmon	PanAmerican Seed	S	s		4/10	4/22	5/22	
9-2	Zinnia Double Zahara™ White	PanAmerican Seed	S	s		4/10	4/22	5/22	
9-3	Zinnia Double Zahara™ Yellow Improved	PanAmerican Seed	S	s		4/10	4/27	5/22	
9-4	Zinnia Profusion Red		U	s	m	m	6/4		
9-5	Zinnia Zahara Sunburst		U	s	m	m	6/4		
9-6	Zinnia Profusion Yellow		U	s	m	m	6/4		
15-1	Pepper PeppiGrande Red	PanAmerican Seed	S	s		4/10	4/27	5/26	
15-2	Eggplant Asian Delite	PanAmerican Seed	S	s		4/10	4/27	5/26	
15-3	Squash Autumn Frost	PanAmerican Seed	S	s		5/4	n/a	5/26	
15-4	SimplySalad Pro San Mixture	PanAmerican Seed	S	s		4/10	n/a	5/8	
15-5	SimplySalad Pro Tatu Mixture	PanAmerican Seed	S	s		4/10	n/a	5/8	
15-6	Vinca Light Pink Halo F1		200S01	s		3/16	4/6	5/27	
15-7	Vinca Cora Lavender	Syngenta	200S01C-1	s		3/16	4/6	5/27	
15-8	Vinca Valiant Orchid	PanAmerican Seed	200S01C-2	s		3/16	4/6	5/27	
15-9	Marigold Orange F1		200S02	s		4/10	4/20	5/27	
15-10	Marigold Marvel II Orange F1	PanAmerican Seed	200S02C-1	s		4/10	4/20	5/27	
15-11	Marigold Big Duck Gold	AmeriSeed	200S03C-2	s		4/10	4/20	5/27	
15-12	Marigold Perfection Yellow	Syngenta	200S02C-3	s		4/10	4/20	5/27	
15-13	Marigold Yellow F1		200S03	s		4/10	4/20	5/27	

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15-14	Marigold Marvel Yellow	PanAmerican Seed	200S03C-1	s		4/10	4/20	5/27	
15-15	Marigold Big Duck Gold	AmeriSeed	200S02C-2	s		4/10	4/20	5/27	
15-16	Marigold Perfection Yellow	Syngenta	200S03C-3	s		4/10	4/20	5/27	
15-17	Torenia Rose F1		200S04	s		3/16	4/7	5/27	
15-18	Torenia Kauai Rose F1	PanAmerican Seed	200S04C-1	s		3/16	4/7	5/27	
15-19	Torenia Dutchess Pink	Syngenta	200S04C-2	s		3/16	4/7	5/27	
15-20	Torenia Deep Blue F1		200S05	s		3/16	4/6	5/27	
15-21	Torenia Kauai Deep Blue	PanAmerican Seed	200S05C-1	s		3/16	4/6	5/27	
15-22	Torenia Dutchess Pink	Syngenta	200S05C-2	s		3/16	4/6	5/27	
15-23	Salvia Purple		200S06	s		4/10	4/27	5/27	
15-24	Salvia Lighthouse Purple	PanAmerican Seed	200S06C-1	s		4/10	4/27	5/27	
15-25	Salvia Mojave Red/White Bicolor	Syngenta	200S06C-2	s		4/10	4/27	5/27	
15-26	Delphinium Light Blue F1		200S07	s		2/10	3/11	5/27	
15-27	Delphinium Summer Cloud	Benary	200S07C-1	s		2/10	3/11	5/27	
15-28	Delphinium Blue Mirror	Benary	200S07C-2	s		2/10	3/11	5/27	
15-29	Celosia Red		200S08	s		3/16	4/6	5/27	
15-30	Celosia Fresh Look Red	Benary	200S08C-1	s		3/16	4/6	5/27	
15-31	Celosia Castle Scarlet	Takii Seed	200S08C-2	s		3/16	4/6	5/27	
15-32	Celosia Rose F1		200S09	s		3/16	4/6	5/27	
15-33	Celosia Bright Sparks Scarlet	Syngenta	200S09C-1	s		3/16	4/6	5/27	
15-34	Celosia Century Pink	Sakata	200S09C-2	s		3/16	4/6	5/27	
16-1	Zinnia Red and Yellow Bicolor		200S12	s		4/10	4/22	5/27	
16-2	Zinnia Zahara Sunburst	PanAmerican Seed	200S12C-1	s		4/10	4/22	5/27	
16-3	Zinnia Profusion Yellow	Sakata	200S12C-2	s		4/10	4/22	5/27	

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16-4	Cosmos		20OS13	s		4/10	4/22	5/27	
16-5	Cosmos Apricot Lemonade	Thompson & Morgan	20OS13C-1	s		4/10	4/22	5/27	
16-6	Cosmos Sonata Pink	PanAmerican Seed	20OS13C-2	s		4/10	4/22	5/27	
17-1	Nepeta White		20OS14	s		3/13	3/30	5/27	
17-2	Nepeta Blue Panther	Van Hemert & Co.	20OS14C-1	s		3/13	3/30	5/27	
17-3	Nepeta Pink Panther	Van Hemert & Co.	20OS14C-2	s		3/13	3/30	5/27	
17-4	Begonia Viking XL Red on Chocolate	Sakata	2019 AAS National Winner	s		2/11	4/17	5/27	
17-5	Canna South Pacific Orange	Takii Seed	2018 AAS National Winner	s		3/9	3/26	5/27	
17-6	Celosia Asian Garden	Murakami Seed	2017 AAS National Winner	s		3/16	4/6	5/27	
17-7	Dianthus Supra Pink		2017 AAS Winner	s		m	m	5/27	
18-1	Gypsophila Gypsy White	Sakata	2018 AAS National Winner	s		3/16	4/6	5/27	
18-2	Marigold Big Duck Gold	AmeriSeed	2019 AAS National Winner	s		4/10	4/20	5/27	
18-3	Marigold Super Hero Spry	Benary	2018 AAS National Winner	s		4/10	4/20	5/27	

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18-4	Petunia Wave Carmine Velour	PanAmerican Seed	2019 AAS National Winner	s		4/10	4/29	5/27	
18-5	Petunia Evening Scentsation	Takii Seed	2017 AAS Regional Winner	s		4/10	4/29	5/27	
18-6	Salvia Summer Jewel Lavender	Takii Seed	2016 AAS Regional Winner	s		4/10	4/27	5/28	
18-7	Vinca Mega Bloom Pink Halo	AmeriSeed	2017 AAS National Winner	s		3/16	4/6	5/28	
18-8	Zinnia Holi Scarlet	AmeriSeed	2019 AAS National Winner	s		4/10	4/22	5/28	
18-9	Zinnia Profusion Red	Sakata	2017 AAS National Winner	s		4/10	4/22	5/28	
18-10	Zinnia Queeny Lime Orange	Hugo Dittmar	2018 AAS National Winner	s		4/10	4/22	5/28	
23 -1	<i>Delosperma cooperi</i>	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -2	<i>Prometheum chrysanthum</i> ssp. <i>chrysanthum</i>	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -3	<i>Sedum Immergrunchen</i>	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -4	<i>Gasteria Kyaka</i>		U	v	C	4/24	5/28	6/11	
23 -5	<i>Gasteria ernesti-ruschii</i>		U	v	C	4/24	6/11	6/11	
23 -6	<i>Gasteria fuscopunctata</i>		U	v	C	4/24	5/28	6/11	
23 -7	<i>Gasteria gracilis</i>		U	v	C	4/24	6/11	6/11	
23 -8	<i>Gasteria liliputana</i>		U	v	C	4/24	6/11	6/11	

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23 -9	Sedum acre Octoberfest	Mountain Crest Gardens	U	v		n/a			
23 -10	Sedum nevii	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -11	Sedum ochroleucum Red Wiggle	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -12	Sedum reflexum Blue Spruce	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -13	Sedum reflexum Green Spruce	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -14	Sedum spurium Dr. John Creech	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -15	Sedum spurium Voodoo	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -16	Sempervivum Bronze Pastel	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -17	Sempervivum Climax	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -18	Sempervivum Danji	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -19	Sempervivum Quintessence	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -20	Sempervivum Somerwise	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -21	Sempervivum heuffelii Blaze	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -22	Sempervivum heuffelii Lemon Sky	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -23	Sempervivum heuffelii Lily Pad	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -24	Sempervivum heuffelii Mystique	Mountain Crest Gardens	U	v		n/a	n/a	6/2	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
23 -25	Sempervivum heuffelii Perfection	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
23 -26	Sempervivum tectorum Violescens	Mountain Crest Gardens	U	v		n/a	n/a	6/2	
24 -1	Aeonium castello-paivae variegata Suncup		U	v	C	4/20	5/28	6/11	
24 -2	Anacampseros rufescens		U	v	C	n/a	5/18	6/11	
24 -3	Cotyledon orbiculata Silver Peak		U	v	C	n/a	5/18	6/11	
24 -4	Crassula obvallata		U	v	C	4/24	5/28	6/11	
24 -5	Echeveria Apus		U	v	C	4/24	6/11	6/11	
24 -6	Echeveria Burgundy Pearl		U	v	C	4/29	5/28	6/11	
24 -7	Echeveria Canadian		U	v	C	4/29	5/28	6/11	
24 -8	Echeveria Hercules		U	v	C	4/24	5/28	6/11	
24 -9	Echeveria Holly Gate		U	v	C	4/29	5/28	6/11	
24 -10	Echeveria hybrid Dark Red		U	v	C	4/24	6/11	6/11	
24 -11	Gasteria zimflora		U	v	C	4/24	5/28	6/11	
24 -12	Haworthia Bella		U	v	C	4/24	6/11	6/11	
24 -13	Haworthia Concolor		U	v	C	4/24	6/11	6/11	
24 -14	Haworthia Enon		U	v	C	4/24	6/11	6/11	
25 -1	Haworthia Rome		U	v	C	n/a	5/18	6/11	
25 -2	Haworthia Royal Albert		U	v	C	4/24	6/11	6/11	
25 -3	Haworthia Universe		U	v	C	4/24	5/28	6/11	
25 -4	Haworthia coarctata		U	v	C	4/24	5/28	6/11	
25 -5	Haworthia cymbiformis		U	v	C	4/24	6/11	6/11	
25 -6	Haworthia fasciata Columbus		U	v	C	4/24	6/11	6/11	
25 -7	Echeveria crenulata		U	v	C	4/24	5/28	6/11	
25 -8	Echeveria agavoides Red Shade		U	v	C	4/24	5/28	6/11	
25 -9	Echeveria rundelli		U	v	C	4/29	6/11	6/11	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
25 -10	Echeveria X Dark Purple		U	v	C	4/29	6/11	6/11	
25 -11	Echeveria sagita		U	v	C	4/24	5/28	6/11	
25 -12	Kalanchoe villosa		U	v	C	4/20	5/28	6/11	
25 -13	Epiphyllum anguliger		U	v	C	n/a	5/18	6/11	
25 -14	Ledebouria pauciflora		U	v	C	n/a	5/18	6/11	
25 -15	Ledebouria socialis Violacea		U	v	C	n/a	5/18	6/11	
25 -16	Orbea schweinfurthii		U	v	C	4/20	5/18	6/11	
25 -17	Orostachys aggregata		U	v	C	n/a	5/18	6/11	
25 -18	Oxalis herrarae		U	v	C	4/20	5/18	6/11	
25 -19	Gasteria Durban		U	v	C	4/24	6/11	6/11	
25 -20	Gasteria Royal Wolfgang		U	v	C	4/24	6/11	6/11	
25 -21	Gasteria Green Star		U	v	C	n/a	5/18	6/11	
25 -22	Haworthia fasciata pescara		U	v	C	4/24	6/11	6/11	
25 -23	Haworthia hybrid Super Fasciata		U	v	C	4/24	6/11	6/11	
25 -24	Haworthia jacobsoniana		U	v	C	4/24	6/11	6/11	
25 -25	Haworthia limifolia		U	v	C	4/24	6/11	6/11	
26 -1	Pachyphytum bracteosum		U	v	C	4/24	6/11	6/11	
26 -2	Pachyveria hybrid Draco		U	v	C	4/24	5/28	6/11	
26 -3	Peperomia graveolens		U	v	C	4/24	6/11	6/11	
26 -4	Portulacaria afra		U	v	C	4/20	5/28	6/11	
26 -5	Sedeveria Letizia		U	v	C	n/a	5/18	6/11	
26 -6	Sedum japonicum Tokyo sun		U	v	C	4/20	5/18	6/11	
26 -7	Sempervivum tectorum Oddity		U	v	C	4/20	5/18	6/11	
26 -8	Senecio fulgens Make		U	v	C	4/20	5/18	6/11	
26 -9	Senecio haworthii Mont Blanc		U	v	C	4/24	6/11	6/11	
26 -10	Senecio scaposus		U	v	C	4/29	6/11	6/11	
26 -11	Senecio stapelioformis		U	v	C	4/24	5/18	6/11	
26 -12	Stapelia gigantea		U	v	C	4/20	5/18	6/11	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5									
Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
26-13	Haworthia magnificus		U	v	C	4/24	6/11	6/11	
26-14	Haworthia pentagona		U	v	C	4/24	5/28	6/11	
26-15	Haworthia retusa		U	v	C	4/24	6/11	6/11	
26-16	Haworthia tessellata		U	v	C	4/24	6/11	6/11	
29-1	Basil Purple Ball	NARIC/Hem Zaden	2015 Fleuroselect Gold Medal	s		3/16	4/6	5/28	
29-2	Begonia Fiona Red	Takii Seed	2018 Fleuroselect Gold Medal	s		2/11	4/17	5/28	
29-3	Begonia Senator iQ Rose Bicolor	Sakata	2016 Fleuroselect Gold Medal	s		2/11	4/17	5/28	
29-4	Calamintha Marvelette Blue	Van Hemert & Co.	2015 Fleuroselect Gold Medal	s		2/10	3/9	5/28	
29-5	Calendula Calexis Orange	Van Hemert & Co.	2018 Fleuroselect Gold Medal	s		4/10	4/22	5/28	
29-6	Canna Cannova Bronze Scarlet F1	Takii Seed	2015 Fleurostar Award	s		3/9	3/26	5/28	
32-1	Celosia Sol™ Gekko Green	PanAmerican Seed	2020 Fleuroselect Gold Medal	s		3/16	4/6	5/28	
32-2	Cosmos Xanthos	Van Hemert & Co.	2015 Fleuroselect Gold Medal	s		4/10	4/22	5/28	
32-3	Delphinium Cheer Blue	Miyoshi & Co.	2020 Fleuroselect Gold Medal	s		2/10	3/11	5/28	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsered	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
32-4	Echinacea Feeling Pink	HM Clause	2016 Fleuroselect Gold Medal	s		2/10	3/9	5/28	
32-5	Leucanthemum Madonna	PanAmerican Seed	2019 Fleuroselect Gold Medal	s		1/28	3/9	5/28	
32-6	Nasturtium Baby Rose	Takii Seed	2019 Fleuroselect Gold Medal	s		5/4	n/a	5/28	
32-7	Penstemon Twizzle Scarlet	Van Hemert & Co.	2016 Fleuroselect Gold Medal	s		3/13	3/30	5/28	
35-1	Achillea Firefly Peach Sky	Walter's Gardens	S	v		n/a	n/a	2019	
35-2	Achillea Firefly Sunshine	Walter's Gardens	S	v		n/a	n/a	2019	
35-3	Agastache Poquito Butter Yellow	Terra Nova	S	v		n/a	n/a	2019	
35-4	Agastache Poquito Dark Blue	Terra Nova	S	v		n/a	n/a	2019	
35-5	Agastache Poquito Lavender	Terra Nova	S	v		n/a	n/a	2019	
35-6	Agastache Poquito Orange	Terra Nova	S	v		n/a	n/a	2019	
35-7	Allium Serendipity	Walter's Gardens	S	v		n/a	n/a	2019	
35-8	Clematis Stand by Me	Walter's Gardens	S	v		n/a	n/a	2019	
35-9	Heliopsis Tuscan Gold	Walter's Gardens	S	v		n/a	n/a	2019	
35-10	Heliopsis Tuscan Sun	Walter's Gardens	S	v		n/a	n/a	2019	
35-11	Heuchera Northern Exposure Black	Terra Nova	S	v		n/a	n/a	2019	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsored	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
35-12	Heuchera Northern Exposure Red	Terra Nova	S	v		n/a	n/a	2019	
35-13	Heuchera Northern Exposure Silver	Terra Nova	S	v		n/a	n/a	2019	
35-14	Heuchera Wildberry	Walter's Gardens	S	v		n/a	n/a	2019	
35-15	Hibiscus Summerific Evening Rose	Walter's Gardens	S	v		n/a	n/a	2019	
35-16	Penstemon Dakota Burgundy	Terra Nova	S	v		n/a	n/a	2019	
35-17	Penstemon Dakota Verde	Terra Nova	S	v		n/a	n/a	n/a	
35-18	Echinacea Green Twister	Jelitto	U	s		n/a	n/a	n/a	
35-19	Echinacea Cheyenne Spirit		U	s		n/a	n/a	2018	
35-20	Echinacea Mellow Yellows	Jelitto	S	s		n/a	n/a	2018	
35-21	Gaura Cool Breeze	Jelitto	S	s		n/a	n/a	2018	
35-22	Heliopsis Bleeding Hearts	Jelitto	S	s		n/a	n/a	2019	
35-23	Phlox Opening Act Pink-a-Dot	Walter's Gardens	S	v		n/a	n/a	2019	
35-24	Phlox Opening Act Ultrapink	Walter's Gardens	S	v		n/a	n/a	2019	
35-25	Sedum Boogie Woogie	Walter's Gardens	S	v		n/a	n/a	2019	
35-26	Sedum Double Martini	Terra Nova	S	v		n/a	n/a	2019	
35-27	Sedum Yellow Brick Road	Walter's Gardens	S	v		n/a	n/a	2019	
35-28	Vernonica Purple Illusion	Walter's Gardens	S	v		n/a	n/a	2019	
37-1	Petunia Success! HD Rose Star	Benary	2018 Fleuroselect Gold Medal	s		4/10	4/29	5/28	

All MSU 2020 Trial plants listed by location: see maps on pages 3, 4, and 5

Bed-Plant #	Plant Name	Submitting Company	Status S=sponsored U=unsponsered	Seed(s)/ Veg(v)	Container (C)	Sow Date	Transplant Date	Plant Date	Notes
37-2	Petunia Tidal Wave® Red Velour	PanAmerican Seed	2015 Fleuroselect Gold Medal	s		4/10	4/29	5/28	
37-3	Rudbeckia Amarillo Gold	Benary	2020 Fleuroselect Gold Medal	s		3/9	m	5/28	
37-4	Silene Sibella Carmine	Van Hemert & Co.	2019 Fleuroselect Gold Medal	s		2/24	3/10	5/28	
37-5	Zinnia Profusion Red	Sakata	2017 Fleuroselect Gold Medal	s		4/10	4/22	5/28	
37-6	Zinnia Queeny Lime Orange	Hugo Dittmar/ Floragran	2018 Fleuroselect Gold Medal	s		4/10	4/22	5/28	

All-American Selections 2020 Ornamental Trials and Winners listed by location: see maps on pages 3, 4, and 5

Bed-plant #	Plant name	Submitting Company	AAS Code	Seed(s)/ Veg(v)	Sow Date	Transplant Date	Plant Date	Notes
15-6	Vinca Light Pink Halo F1		20OS01	s	3/16	4/6	5/27	
15-7	Vinca Cora Lavender	Syngenta	20OS01C-1	s	3/16	4/6	5/27	
15-8	Vinca Valiant Orchid	PanAmerican Seed	20OS01C-2	s	3/16	4/6	5/27	
15-9	Marigold Orange F1		20OS02	s	4/10	4/20	5/27	

All-American Selections 2020 Ornamental Trials and Winners listed by location: see maps on pages 3, 4, and 5								
Bed-plant #	Plant name	Submitting Company	AAS Code	Seed(s)/Veg(v)	Sow Date	Transplant Date	Plant Date	Notes
15-10	Marigold Marvel II Orange F1	PanAmerican Seed	200S02C-1	s	4/10	4/20	5/27	
15-11	Marigold Big Duck Gold	AmeriSeed	200S03C-2	s	4/10	4/20	5/27	
15-12	Marigold Perfection Yellow	Syngenta	200S02C-3	s	4/10	4/20	5/27	
15-13	Marigold Yellow F1		200S03	s	4/10	4/20	5/27	
15-14	Marigold Marvel Yellow	PanAmerican Seed	200S03C-1	s	4/10	4/20	5/27	
15-15	Marigold Big Duck Gold	AmeriSeed	200S02C-2	s	4/10	4/20	5/27	
15-16	Marigold Perfection Yellow	Syngenta	200S03C-3	s	4/10	4/20	5/27	
15-17	Torenia Rose F1		200S04	s	3/16	4/7	5/27	
15-18	Torenia Kauai Rose F1	PanAmerican Seed	200S04C-1	s	3/16	4/7	5/27	
15-19	Torenia Dutches Pink	Syngenta	200S04C-2	s	3/16	4/7	5/27	
15-20	Torenia Deep Blue F1		200S05	s	3/16	4/6	5/27	
15-21	Torenia Kauai Deep Blue	PanAmerican Seed	200S05C-1	s	3/16	4/6	5/27	
15-22	Torenia Dutches Pink	Syngenta	200S05C-2	s	3/16	4/6	5/27	
15-23	Salvia Purple		200S06	s	4/10	4/27	5/27	
15-24	Salvia Lighthouse Purple	PanAmerican Seed	200S06C-1	s	4/10	4/27	5/27	
15-25	Salvia Mojave Red/White Bicolor	Syngenta	200S06C-2	s	4/10	4/27	5/27	
15-26	Delphinium Light Blue F1		200S07	s	2/10	3/11	5/27	

**All-American Selections 2020 Ornamental Trials and Winners listed by location: see maps on pages 3, 4, and 5**

<b>Bed-plant #</b>	<b>Plant name</b>	<b>Submitting Company</b>	<b>AAS Code</b>	<b>Seed(s)/Veg(v)</b>	<b>Sow Date</b>	<b>Transplant Date</b>	<b>Plant Date</b>	<b>Notes</b>
15-27	Delphinium Summer Cloud	Benary	200S07C-1	s	2/10	3/11	5/27	
15-28	Delphinium Blue Mirror	Benary	200S07C-2	s	2/10	3/11	5/27	
15-29	Celosia Red		200S08	s	3/16	4/6	5/27	
15-30	Celosia Fresh Look Red	Benary	200S08C-1	s	3/16	4/6	5/27	
15-31	Celosia Castle Scarlet	Takii Seed	200S08C-2	s	3/16	4/6	5/27	
15-32	Celosia Rose F1		200S09	s	3/16	4/6	5/27	
15-33	Celosia Bright Sparks Scarlet	Syngenta	200S09C-1	s	3/16	4/6	5/27	
15-34	Celosia Century Pink	Sakata	200S09C-2	s	3/16	4/6	5/27	
16-1	Zinnia Red and Yellow Bicolor		200S12	s	4/10	4/22	5/27	
16-2	Zinnia Zahara Sunburst	PanAmerican Seed	200S12C-1	s	4/10	4/22	5/27	
16-3	Zinnia Profusion Yellow	Sakata	200S12C-2	s	4/10	4/22	5/27	
16-4	Cosmos		200S13	s	4/10	4/22	5/27	
16-5	Cosmos Apricot Lemonade	Thompson & Morgan	200S13C-1	s	4/10	4/22	5/27	
16-6	Cosmos Sonata Pink	PanAmerican Seed	200S13C-2	s	4/10	4/22	5/27	
17-1	Nepeta White		200S14	s	3/13	3/30	5/27	
17-2	Nepeta Blue Panther	Van Hemert & Co.	200S14C-1	s	3/13	3/30	5/27	
17-3	Nepeta Pink Panther	Van Hemert & Co.	200S14C-2	s	3/13	3/30	5/27	
17-4	Begonia Viking XL Red on Chocolate	Sakata	2019 AAS National Winner	s	2/11	4/17	5/27	
17-5	Canna South Pacific Orange	Takii Seed	2018 AAS National Winner	s	3/9	3/26	5/27	
17-6	Celosia Asian Garden	Murakami Seed	2017 AAS National Winner	s	3/16	4/6	5/27	

All-American Selections 2020 Ornamental Trials and Winners listed by location: see maps on pages 3, 4, and 5								
Bed-plant #	Plant name	Submitting Company	AAS Code	Seed(s)/Veg(v)	Sow Date	Transplant Date	Plant Date	Notes
17-7	Dianthus Supra Pink		2017 AAS Winner	s	m	m	5/27	
18-1	Gypsophila Gypsy White	Sakata	2018 AAS National Winner	s	3/16	4/6	5/27	
18-2	Marigold Big Duck Gold	AmeriSeed	2019 AAS National Winner	s	4/10	4/20	5/27	
18-3	Marigold Super Hero Spry	Benary	2018 AAS National Winner	s	4/10	4/20	5/27	
18-4	Petunia Wave Carmine Velour	PanAmerican Seed	2019 AAS National Winner	s	4/10	4/29	5/27	
18-5	Petunia Evening Scentsation	Takii Seed	2017 AAS Regional Winner	s	4/10	4/29	5/27	
18-6	Salvia Summer Jewel Lavender	Takii Seed	2016 AAS Regional Winner	s	4/10	4/27	5/28	
18-7	Vinca Mega Bloom Pink Halo	AmeriSeed	2017 AAS National Winner	s	3/16	4/6	5/28	
18-8	Zinnia Holi Scarlet	AmeriSeed	2019 AAS National Winner	s	4/10	4/22	5/28	
18-9	Zinnia Profusion Red	Sakata	2017 AAS National Winner	s	4/10	4/22	5/28	
18-10	Zinnia Queeny Lime Orange	Hugo Dittmar	2018 AAS National Winner	s	4/10	4/22	5/28	

Fleuroselect Winners listed by location: see maps 3, 4, and 5								
Bed-Plant #	Plant Name	Submitting Company	Status	Seed(s)/Veg(v)	Sow Date	Transplant Date	Plant Date	Notes
29-1	Basil Purple Ball	NARIC/Hem Zaden	2015 Fleuroselect Gold Medal	s	3/16	4/6	5/28	
29-2	Begonia Fiona Red	Takii Seed	2018 Fleuroselect Gold Medal	s	2/11	4/17	5/28	
29-3	Begonia Senator iQ Rose Bicolor	Sakata	2016 Fleuroselect Gold Medal	s	2/11	4/17	5/28	
29-4	Calamintha Marvelette Blue	Van Hemert & Co.	2015 Fleuroselect Gold Medal	s	2/10	3/9	5/28	
29-5	Calendula Calexis Orange	Van Hemert & Co.	2018 Fleuroselect Gold Medal	s	4/10	4/22	5/28	
29-6	Canna Cannova Bronze Scarlet F1	Takii Seed	2015 Fleurostar Award	s	3/9	3/26	5/28	
32-1	Celosia Sol™ Gekko Green	PanAmerican Seed	2020 Fleuroselect Gold Medal	s	3/16	4/6	5/28	
32-2	Cosmos Xanthos	Van Hemert & Co.	2015 Fleuroselect Gold Medal	s	4/10	4/22	5/28	
32-3	Delphinium Cheer Blue	Miyoshi & Co.	2020 Fleuroselect Gold Medal	s	2/10	3/11	5/28	
32-4	Echinacea Feeling Pink	HM Clause	2016 Fleuroselect Gold Medal	s	2/10	3/9	5/28	

Fleuroselect Winners listed by location: see maps 3, 4, and 5								
Bed-Plant #	Plant Name	Submitting Company	Status	Seed(s)/Veg(v)	Sow Date	Transplant Date	Plant Date	Notes
32-5	Leucanthemum Madonna	PanAmerican Seed	2019 Fleuroselect Gold Medal	s	1/28	3/9	5/28	
32-6	Nasturtium Baby Rose	Takii Seed	2019 Fleuroselect Gold Medal	s	5/4	n/a	5/28	
32-7	Penstemon Twizzle Scarlet	Van Hemert & Co.	2016 Fleuroselect Gold Medal	s	3/13	3/30	5/28	
37-1	Petunia Success! HD Rose Star	Benary	2018 Fleuroselect Gold Medal	s	4/10	4/29	5/28	
37-2	Petunia Tidal Wave® Red Velour	PanAmerican Seed	2015 Fleuroselect Gold Medal	s	4/10	4/29	5/28	
37-3	Rudbeckia Amarillo Gold	Benary	2020 Fleuroselect Gold Medal	s	3/9	m	5/28	
37-4	Silene Sibella Carmine	Van Hemert & Co.	2019 Fleuroselect Gold Medal	s	2/24	3/10	5/28	
37-5	Zinnia Profusion Red	Sakata	2017 Fleuroselect Gold Medal	s	4/10	4/22	5/28	
37-6	Zinnia Queeny Lime Orange	Hugo Dittmar/Floragran	2018 Fleuroselect Gold Medal	s	4/10	4/22	5/28	

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Achillea Firefly Peach Sky	35-1
Achillea Firefly Sunshine	35-2
Aeonium castello-paivae variegata Suncup	24 -1
Agastache Kudos Red	2-1
Agastache Poquito Butter Yellow	35-3
Agastache Poquito Dark Blue	35-4
Agastache Poquito Lavender	35-5
Agastache Poquito Orange	35-6
Allium ramosum	2-2
Allium schoenoprasum Pink One	2-3
Allium schoenoprasum Purple One	2-4
Allium Serendipity	35-7
Anacampseros rufescens	24 -2
Angelonia Serena® Blue Improved	1-1
Angelonia Serena® Purple Improved	1-2
Angelonia Serena® Rose	1-3
Angelonia Serena® White	1-4
Angelonia Serenita® Lavender	1-5
Angelonia Serenita® Pink	1-6
Angelonia Serenita® Rose	1-7
Angelonia Serenita® Sky Blue	1-8
Angelonia Serenita® White	1-9
Argyranthemum Grandaisy Dark Pink	S5-1
Argyranthemum Grandaisy Pink Halo	S5-2
Basil Purple Ball	29-1
Begonia BIG® Deep Rose Bronze Leaf	3-1
Begonia BIG® White Green Leaf	3-2
Begonia Double Delight™ Blush Rose	S5-3
Begonia Double Delight™ Primrose	S5-4

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Begonia Double Up™ Pink	3-3
Begonia Double Up™ Red	3-4
Begonia Double up™ White	3-5
Begonia Fiona Red	29-2
Begonia Groovy Mellow Yellow	S5-5
Begonia Groovy Orange	S5-6
Begonia Groovy Red	S5-7
Begonia Groovy Rose	S5-8
Begonia Groovy White	S5-9
Begonia Senator iQ Rose Bicolor	29-3
Begonia Super Cool Blush	3-6
Begonia Super Cool Pink	3-7
Begonia Super Cool Red	3-8
Begonia Super Cool White Green Leaf	3-9
Begonia Surefire® Red	3-10
Begonia Viking XL Red on Chocolate	17-4
Bidens Sun Drop Compact Double Yellow	S5-10
Bidens Sun Drop Double Double Yellow	S5-11
Bracteantha Granvia Gold	3-11
Calamintha Marvelette Blue	29-4
Calendula Calexis Orange	29-5
Calibrachoa Bumble Bee Orange	S5-12
Calibrachoa Cha-Cha™ Deep Blue	S5-13
Calibrachoa Cha-Cha™ Diva Apricot	S5-14
Calibrachoa Cha-Cha™ Diva Hot Pink	S5-15
Calibrachoa Cha-Cha™ Frosty Lemon	S5-16
Calibrachoa Cha-Cha™ Tangerine	S4-1
Calibrachoa MiniFamous® Neo Double OrangeTastic	S4-2

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Calibrachoa Superbells® Coral Sun	S4-3
Calibrachoa Superbells® Double Amber	S4-4
Calibrachoa Superbells® Honeyberry™	S4-5
Canna Cannova Bronze Scarlet F1	29-6
Canna South Pacific Orange	17-5
Celosia Asian Garden	17-6
Celosia Bright Sparks Scarlet	15-33
Celosia Bright Sparks™ Bright Yellow	S4-6
Celosia Bright Sparks™ Scarlet	S4-7
Celosia Castle Scarlet	15-31
Celosia Century Pink	15-34
Celosia First Flame™ Purple	3-12
Celosia First Flame™ Red	3-13
Celosia First Flame™ Scarlet	3-14
Celosia First Flame™ Yellow Improved	3-15
Celosia Fresh Look Red	15-30
Celosia Red	15-29
Celosia Rose F1	15-32
Celosia Sol™ Gekko Green	3-16
Celosia Sol™ Gekko Green	32-1
Celosia Sol™ Lizard Leaf	4-24
Clematis Stand by Me	35-8
Coleus ColorBlaze® Royale Apple Brandy™	5-1
Coleus ColorBlaze® Royale Cherry Brandy™	5-2
Coleus ColorBlaze® Royale Pineapple Brandy™	5-3
Coleus FlameThrower™ Cajun Spice	5-4
Coleus FlameThrower™ Dragon Heart	5-5
Coleus FlameThrower™ Sriracha	5-6
Colocasia Coffee Cups	5-7
Colocasia Heart of the Jungle™	5-8

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Cosmos	16-4
Cosmos Apricot Lemonade	16-5
Cosmos Sonata Pink	16-6
Cosmos Xanthos	32-2
Cotyledon orbiculata Silver Peak	24 -3
Crassula ovallata	24 -4
Dahlia Dalaya® Raspberry	4-20
Delosperma cooperi	23 -1
Delphinium Blue Mirror	15-28
Delphinium Cheer Blue	32-3
Delphinium Dasante Blue	2-5
Delphinium Light Blue F1	15-26
Delphinium Summer Cloud	15-27
Dianthus Supra Pink	17-7
Echeveria agavoides Red Shade	25 -8
Echeveria Apus	24 -5
Echeveria Burgundy Pearl	24 -6
Echeveria Canadian	24 -7
Echeveria crenulata	25 -7
Echeveria Hercules	24 -8
Echeveria Holly Gate	24 -9
Echeveria hybrid Dark Red	24 -10
Echeveria rundelli	25 -9
Echeveria sagita	25 -11
Echeveria X Dark Purple	25 -10
Echinacea Artisan™ Collection Red Ombre	2-6
Echinacea Artisan™ Collection Soft Orange	2-7
Echinacea Cheyenne Spirit	35-19
Echinacea Feeling Pink	32-4
Echinacea Green Twister	35-18

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Echinacea Kismet Intense Orange	2-8
Echinacea Kismet White	2-9
Echinacea Mellow Yellows	35-20
Eggplant Asian Delite	15-2
Epiphyllum anguliger	25 -13
Euphorbia Diamond Snow™	5-9
Euryops High Noon™	5-10
Fragaria Berried Treasure® Pink	S4-8
Fragaria Berried Treasure® Red	S4-9
Fragaria Berried Treasure® White	S4-10
Gaillardia aristata Fire Wheels	2-10
Gasteria Durban	25 -19
Gasteria ernesti-ruschii	23 -5
Gasteria fuscopunctata	23 -6
Gasteria gracilis	23 -7
Gasteria Green Star	25 -21
Gasteria Kyaka	23 -4
Gasteria liliputana	23 -8
Gasteria Royal Wolfgang	25 -20
Gasteria zimflora	24 -11
Gaura Cool Breeze	35-21
Geranium Caldera™ Pink	4-26
Geranium Caldera™ Red	4-25
Geranium Caldera™ Salmon	4-21
Geranium Calliope® Medium Cherry	4-22
Geranium Calliope® Medium Dark Red	4-23
Geranium Mojo™ Cranberry Splash	4-18
Geranium Mojo™ Dark Red	4-19
Geranium Rosalie™ Antique Salmon	S4-11
Geum Pretticoats Peach	4-1

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Gomphrena Ping Pong Purple Imp.	5-11
Gomphrena Truffula® Pink	5-12
Gypsophila Gypsy White	18-1
Haworthia Bella	24 -12
Haworthia coarctata	25 -4
Haworthia Concolor	24 -13
Haworthia cymbiformis	25 -5
Haworthia Enon	24 -14
Haworthia fasciata Columbus	25 -6
Haworthia fasciata pescara	25 -22
Haworthia hybrid Super Fasciata	25 -23
Haworthia jacobseniana	25 -24
Haworthia limifolia	25 -25
Haworthia magnificus	26 -13
Haworthia pentagona	26 -14
Haworthia retusa	26 -15
Haworthia Rome	25 -1
Haworthia Royal Albert	25 -2
Haworthia tessellata	26 -16
Haworthia Universe	25 -3
Helianthus Suncredible® Yellow	5-13
Helianthus Sunfinity® Yellow Dark Center	5-14
Heliopsis Bleeding Hearts	35-22
Heliopsis Tuscan Gold	35-9
Heliopsis Tuscan Sun	35-10
Hemerocallis Rainbow Rhythm King of Ages	4-3
Hemerocallis Rainbow Rhythm Lake of Fire	4-2
Heuchera Dolce Toffee Tart	Shade-2
Heuchera Grande Amethyst	4-4
Heuchera Grande Black	4-5

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Heuchera Lemon Supreme	Shade-4
Heuchera Northern Exposure Black	35-11
Heuchera Northern Exposure Red	35-12
Heuchera Northern Exposure Sienna	Shade-3
Heuchera Northern Exposure Silver	35-13
Heuchera Wildberry	35-14
Heucherella Peach Tea	Shade-5
Hibiscus Summerific Evening Rose	35-15
Hosta Shadowland Wu-La-La	Shade-1
Hypoestes Hippo® Pink	Shade-6
Hypoestes Hippo® Red	Shade-7
Impatiens hybrida SunPatiens® Compact Hot Pink	S4-12
Impatiens hybrida SunPatiens® Compact Rose Glow	S4-13
Impatiens Infinity® Blushing Crimson Imp	Shade-8
Impatiens Infinity® Light Purple Imp	Shade-9
Impatiens Infinity® Orange Imp	Shade-10
Impatiens walleriana Beacon® Bright Red	Shade-11
Impatiens walleriana Beacon® Coral	Shade-12
Impatiens walleriana Beacon® Orange	Shade-13
Impatiens walleriana Beacon® Rose	Shade-14
Impatiens walleriana Beacon® Salmon	Shade-15
Impatiens walleriana Beacon® Violet Shades	Shade-18
Impatiens walleriana Beacon® White	Shade-17
Impatiens walleriana Super Elfin® Bright Orange	Shade-16
Impatiens walleriana Super Elfin® XP White	Shade-19
Ipomoea Illusion® Emerald Lace	5-15
Ipomoea Sweet Caroline Kiwi	5-16
Ipomoea Sweet Caroline Light Green	5-17
Ipomoea Sweet Caroline Medusa™ Green	5-18

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Ipomoea Sweet Caroline Raven™	5-19
Kalanchoe villosa	25 -12
Lantana Hot Blooded™ Red	5-20
Lantana Luscious® Royale Cosmo	5-21
Lantana Luscious® Royale Red Zone™	5-22
Ledebouria pauciflora	25 -14
Ledebouria socialis Violacea	25 -15
Leucanthemum Madonna	32-5
Lobelia Laguna® Sky Blue Imp	5-23
Lobelia Laguna® Ultraviolet™	5-24
Lobelia Starship™ Blue	5-25
Lobelia Starship™ Bronze Leaf	5-26
Lobelia Starship™ Burgundy	6-1
Lobelia Starship™ Deep Rose	6-2
Lobularia Moonlight Knight™	6-3
Lobularia White Knight®	6-4
Marigold Big Duck Gold	15-11
Marigold Big Duck Gold	15-15
Marigold Big Duck Gold	18-2
Marigold Marvel II Orange F1	15-10
Marigold Marvel Yellow	15-14
Marigold Orange F1	15-9
Marigold Perfection Yellow	15-12
Marigold Perfection Yellow	15-16
Marigold Super Hero Spry	18-3
Marigold Yellow F1	15-13
Marigold, African Marvel II™ Gold	6-5
Marigold, African Marvel II™ Orange	6-6
Marigold, African Marvel II™ Yellow	6-7
Nasturtium Baby Rose	32-6

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Nepeta Blue Panther	17-2
Nepeta Cat's Pajamas	4-6
Nepeta Pink Panther	17-3
Nepeta White	17-1
Orbea schweinfurthii	25 -16
Origanum Drops of Jupiter	4-7
Orostachys aggregata	25 -17
Osteospermum Bright Lights® Double Moonglow	6-8
Osteospermum Bright Lights® Red	6-9
Oxalis harrae	25 -18
Pachyphytum bracteosum	26 -1
Pachyveria hybrid Draco	26 -2
Penstemon Dakota Burgundy	35-16
Penstemon Dakota Verde	35-17
Penstemon Twizzle Scarlet	32-7
Pentas BeeBright™ Lipstick	6-10
Pentas BeeBright™ Pink	6-11
Pentas BeeBright™ Red	6-12
Pentas BeeBright™ White	6-13
Pentas Glitterati™ Purple Star	S4-14
Pentas Glitterati™ Red Star	S4-15
Peperomia graveolens	26 -3
Pepper PeppiGrande Red	15-1
Perovskia Sage Advice	4-8
Petunia Bee's Knees	7-13
Petunia ColorRush™ White	7-4
Petunia Dekko™ Banana	7-5
Petunia Dekko™ Star Rose	7-6
Petunia Easy Wave® Rose Fusion	7-7
Petunia Easy Wave® Silver	7-8

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Petunia Easy Wave® Violet	7-9
Petunia Evening Scentsation	18-5
Petunia Headliner™ Dark Violet Picotee 21	S4-16
Petunia Headliner™ Electric Purple Sky	S4-17
Petunia Itsy™ Magenta	S4-18
Petunia Shock Wave® Coral Crush	7-1
Petunia Shock Wave® Denim	7-2
Petunia Shock Wave® Purple Tie Dye	7-3
Petunia Shortcake™ Blueberry	S4-19
Petunia Success! HD Rose Star	37-1
Petunia SuperCal® Rose	S4-20
Petunia SuperCal® Royal Red	S4-21
Petunia Supertunia Vista® Bubblegum	7-14
Petunia Supertunia® Honey™	7-10
Petunia Supertunia® Lovie Dovie™	7-11
Petunia Supertunia® Mini Vista™ Indigo	7-15
Petunia Supertunia® Mini Vista™ Pink Star	7-16
Petunia Supertunia® Royal Velvet®	7-12
Petunia Surfinia Purple Heart	S4-22
Petunia Surfinia Purple Starshine	S4-23
Petunia Surfinia White/Peach Heart	S4-24
Petunia Tidal Wave® Red Velour	37-2
Petunia Wave Carmine Velour	18-4
Phlox Gisele® Pink+Eye	7-17
Phlox Gisele® Purple	7-18
Phlox Gisele® Red	7-19
Phlox Gisele® Scarlet	7-20
Phlox Luminary Opalescence	4-9
Phlox Luminary Ultraviolet	4-10
Phlox Opening Act Pink-a-Dot	35-23

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Phlox Opening Act Ultrapink	35-24
Phlox Spring Bling Pink Sparkles	4-11
Phlox Spring Bling Ruby Riot	4-12
Portulacara afra	26 -4
Primula Multiflora Type Blue SK3-518	Shade-24
Primula Multiflora Type Pink SK2-381	Shade-23
Primula Multiflora Type Rose SK3-472	Shade-22
Primula Multiflora Type White SK5-329	Shade-21
Primula Multiflora Type Yellow SK4-282	Shade-20
Prometheum chrysanthum ssp. chrysanthum	23 -2
Rudbeckia Amarillo Gold	37-3
Salvia Color Spires Back to the Fuchsia	4-13
Salvia Lancelot	7-21
Salvia Lighthouse Purple	15-24
Salvia Mojave Red/White Bicolor	15-25
Salvia Pink Profusion	4-14
Salvia Purple	15-23
Salvia Summer Jewel Lavender	18-6
Sanvitalia Sunbini	7-22
Scaevola Surdiva Blue Violet	S4-25
Scaevola Surdiva Fashion Pink	S4-26
Scaevola Surdiva Purple	S4-27
Scaevola Whirlwind® Blue	7-23
Scaevola Whirlwind® Starlight	7-24
Sedeveria Letizia	26 -5
Sedum acre Octoberfest	23 -9
Sedum Boogie Woogie	35-25
Sedum Double Martini	35-26
Sedum Immergrunchen	23 -3
Sedum japonicum Tokyo sun	26 -6

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Sedum nevii	23 -10
Sedum ochroleucum Red Wiggle	23 -11
Sedum Peach Pearls	4-15
Sedum reflexum Blue Spruce	23 -12
Sedum reflexum Green Spruce	23 -13
Sedum spurium Dr. John Creech	23 -14
Sedum spurium Voodoo	23 -15
Sedum Yellow Brick Road	35-27
Sempervivum Bronze Pastel	23 -16
Sempervivum Climax	23 -17
Sempervivum Danji	23 -18
Sempervivum heuffelii Blaze	23 -21
Sempervivum heuffelii Lemon Sky	23 -22
Sempervivum heuffelii Lily Pad	23 -23
Sempervivum heuffelii Mystique	23 -24
Sempervivum heuffelii Perfection	23 -25
Sempervivum Quintessence	23 -19
Sempervivum Somerwise	23 -20
Sempervivum tectorum Oddity	26 -7
Sempervivum tectorum Violescens	23 -26
Senecio fulgens Make	26 -8
Senecio haworthii Mont Blanc	26 -9
Senecio scaposus	26 -10
Senecio stapelioformis	26 -11
Silene Sibella Carmine	37-4
SimplySalad Pro San Mixture	15-4
SimplySalad Pro Tatu Mixture	15-5
Sisyrinchium idahoense var. macounii Moody Blues	4-16
Squash Autumn Frost	15-3

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Stapelia gigantea	26 -12
Torenia Deep Blue F1	15-20
Torenia Dutchess Pink	15-19
Torenia Dutchess Pink	15-22
Torenia Kauai Deep Blue	15-21
Torenia Kauai Rose F1	15-18
Torenia Rose F1	15-17
Verbascum Sugar Plum	4-17
Verbena EnduraScape™ Purple Improved	7-25
Verbena EnduraScape™ Red Improved	7-26
Vernonica Purple Illusion	35-28
Vinca Cora Lavender	15-7
Vinca Cora® XDR Hotgenta	8-3
Vinca Cora® XDR Light Pink	8-4
Vinca Cora® XDR Pink Halo	8-5
Vinca Cora® XDR White	8-6
Vinca Light Pink Halo F1	15-6
Vinca Mega Bloom Pink Halo	18-7
Vinca Soiree Kawaii Blueberry Kiss	S4-28
Vinca Soiree Kawaii Coral Reef	S4-29
Vinca Soiree Kawaii Red Shades	S4-30
Vinca Soiree Kawaii White Peppermint	S4-31
Vinca Tattoo™ Black Cherry	S4-32
Vinca Tattoo™ Blueberry	S4-33
Vinca Tattoo™ Papaya	S4-34
Vinca Tattoo™ Raspberry	S4-35
Vinca Tattoo™ Tangerine	S4-36
Vinca Valiant Orchid	15-8
Vinca Valiant™ Apricot Improved	7-27
Vinca Valiant™ Burgundy	7-28

All MSU Trial Plants listed alphabetically	
Plant Name	Location (Bed#-Plant#)
Vinca Valiant™ Lilac	7-29
Vinca Valiant™ Magenta	7-30
Vinca Valiant™ Orchid	8-1
Vinca Valiant™ Punch	8-2
Zinnia Double Zahara™ Bright Orange	8-7
Zinnia Double Zahara™ Cherry	8-8
Zinnia Double Zahara™ Salmon	9-1
Zinnia Double Zahara™ White	9-2
Zinnia Double Zahara™ Yellow Improved	9-3
Zinnia Holi Scarlet	18-8
Zinnia Profusion Red	9-4
Zinnia Profusion Red	18-9
Zinnia Profusion Red	37-5
Zinnia Profusion Yellow	9-6
Zinnia Profusion Yellow	16-3
Zinnia Queeny Lime Orange	18-10
Zinnia Queeny Lime Orange	37-6
Zinnia Red and Yellow Bicolor	16-1
Zinnia Zahara Sunburst	9-5
Zinnia Zahara Sunburst	16-2