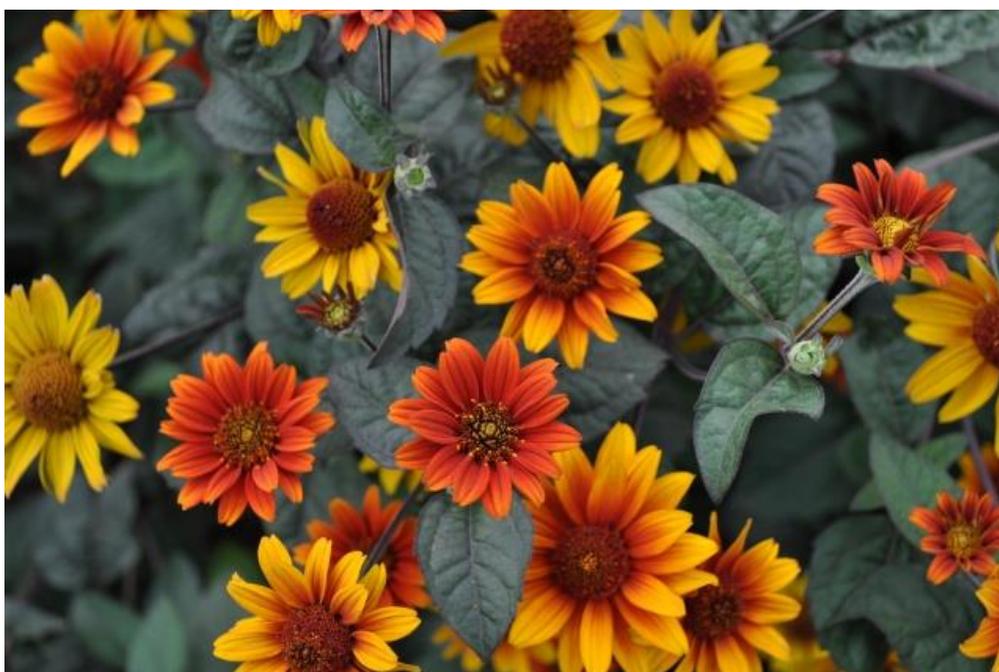


Colorado State University
2019 Perennial Flower Trial
Performance Report



Department of Horticulture and Landscape Architecture

1401 Remington Street

Fort Collins, CO 80523

www.flowertrials.colostate.edu

(Click on “Trials” tab and select “Perennial Results”)

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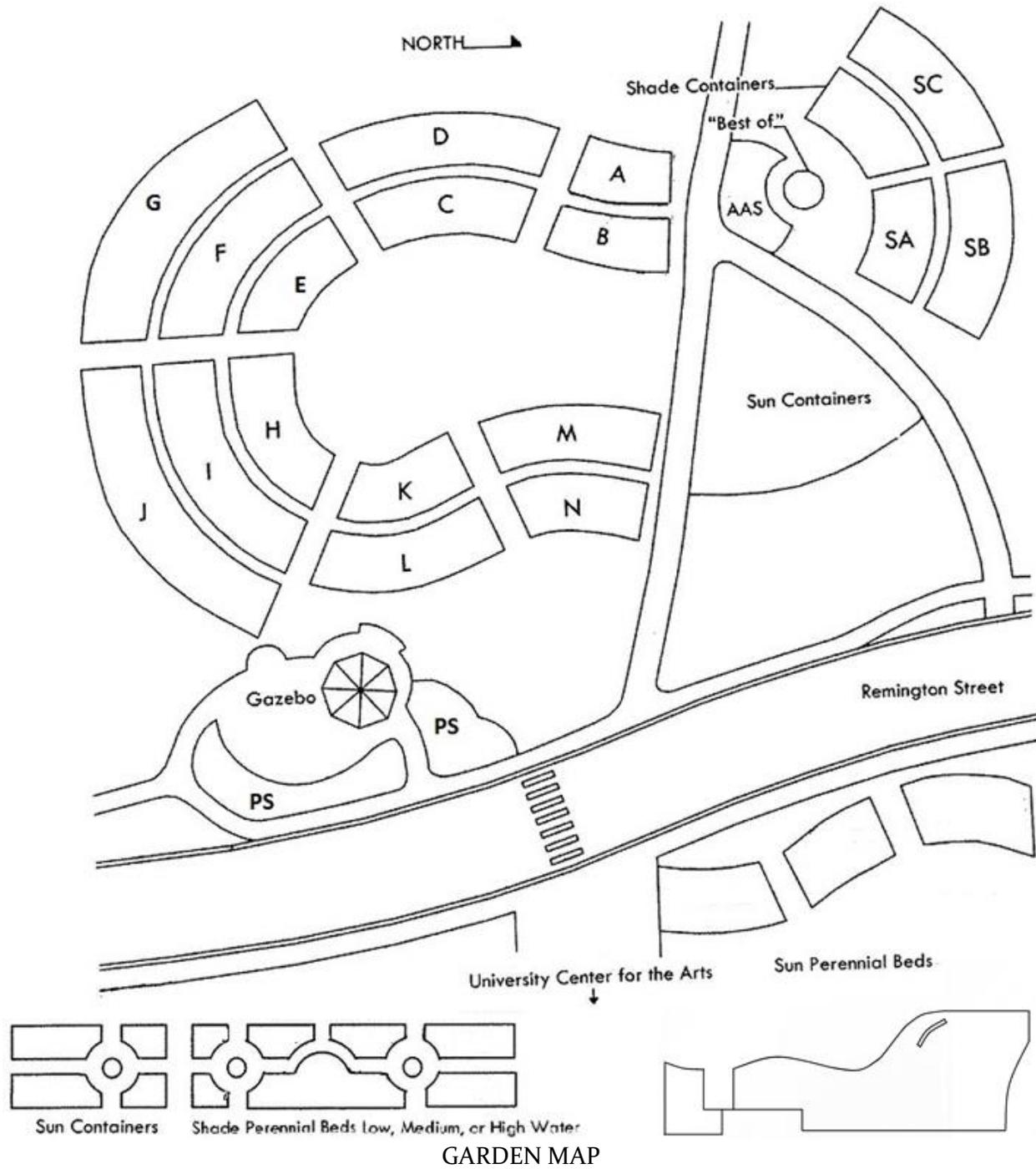
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Note: The Perennial Trials are part of the Annual Flower Trial Garden program and are located directly across the street in front of the Center for the Arts.

Colorado State University

2019 Perennial Trial Garden Performance Report

Dr. James E. Klett, David Staats and Lauryn Schriener

Introduction

Dr. James E. Klett is the faculty coordinator for the Annual and Perennial Flower Trial Gardens. In 2000, the annual trial garden was moved from its site at PERC (Plant Environmental Research Center) to the park located at the corner of Remington and Lake Street. The relocation of the annual garden to this more spacious and visible site furthered its mission by more effectively extending education, research and outreach to students, home gardeners, Master Gardeners, community members, and Green Industry personnel. In 2007, the Perennial Trials were created in response to increased interest in new perennial cultivars. The Perennial Trials are located directly across the street to the east from the Annual Trial Garden in front of the University Center for the Arts. It is managed by staff from the CSU Department of Horticulture and Landscape Architecture with substantial oversight from the Perennial Trial subcommittee which is part of the Annual Flower Trial Garden committee. Each entry must have been introduced within the past three years and is evaluated for three complete years and two winters to determine hardiness and consistent landscape performance.

The purpose of the trial garden is to evaluate the performance of herbaceous perennial plant species and cultivars under our unique Rocky Mountain environmental conditions. Our growing conditions are characterized by high altitude, intense solar radiation, drying winds, severe hailstorms, large fluctuations between day and night temperatures, and a season-long need for irrigation. Plants are evaluated for plant vigor, uniformity, floriferousness, and tolerance to environmental and biotic stresses. Data (ratings and photos) were collected every two weeks (May to early October). Plants were also evaluated once a month by some members of the Perennial Trial subcommittee. The Perennial Trial subcommittee met November 21th, 2019 to review data and photos to vote on which entries should be designated a “Top Performer” for the class of 2017.

The project is mostly funded by the entry fees collected from the plant breeding companies and perennial propagators who have chosen to participate in the trials. Additional financial assistance and supplies for the trial operations are donated by a number of sources. These sources include individuals, various foundations, nurseries, greenhouse growers and plant and seed production companies from across the nation. The trial garden at Colorado State University receives no operating dollars directly allocated from state funds. Some operational and staff dollars have come from the Colorado State Agricultural Experiment Station, Extension, the College of Agricultural Sciences, and the Department of Horticulture and Landscape Architecture.

Acknowledgements

The Department of Horticulture and Landscape Architecture at Colorado State University would first like to thank the many plant and seed companies who continue to participate in the trials year after year. Without their cooperation and support, the research done at the trial garden would not be possible. This year, the following 17 plant and seed companies participated in the trials, entering 115 new varieties of herbaceous perennial plants for a total of 270 entries in the trials:

Danziger	Must Have Perennials
Darwin Perennials	Pacific Plug and Liner
Dummen Orange	PanAmerican-Kieft Seed
Eason Horticulture Resources/Sunfire Nurseries	Plant Select®
Flamingo Holland	Skagit Horticulture
Green Fuse Botanicals	Star® Roses and Plants
Hilverdakooij	Syngenta Flowers
Jelitto Perennial Seeds	Terra Nova Nurseries, Inc.
	Walters Gardens/Proven Winners

We would like to recognize several companies that have donated supplies to the program. Thanks are extended to GreenCare Fertilizers, Inc. for donating the water soluble fertilizer used in both the greenhouses and the garden. We would like to thank Tagawa Gardens, Gulley Greenhouse, and Pindstrup, for donating the potting media for all the vegetatively propagated plants grown in our greenhouses. Thank you to Everris, Inc. for donating the slow release fertilizer that was used in the ground beds. Thank you to Organix for donating organic media to amend newly established ground beds. And thanks to Welby Gardens for growing all seed propagated perennial plants at a substantially reduced cost to the trial.

The Department of Horticulture and Landscape Architecture would like to recognize and thank the following people for making the trial gardens happen this year.

The Annual Trial Garden Staff – Sean Markovic, Burton Thomas, Geoff Kozie, Chris Bruton
All the Larimer & Weld County Master Gardeners who volunteered their time and hard work.

Al Gerace and Dan Gerace of Welby Gardens and all their staff

The Trial Garden Advisory Committee – Melissa Main (Ernst Benary of America, Inc.), Dan Gerace (Welby Gardens), Al Gerace (Welby Gardens), Diana Reavis (Eason Horticultural Resources Inc.), Duane Sinning (Colorado Department of Agriculture), Galen Dokter (Vaughns), Gene Pielin (Gulley Greenhouse), Jim Devereux (Green-Fuse Botanicals), Milan Clickingbeard (Tagawa Greenhouses), Karl Trellinger (Syngenta Flowers), Bridget Blomquist (Denver Botanic Gardens), Mark Seguin (Sakata Ornamentals), Merle Moore (retired, Denver Zoological Gardens), Ron Brum (Ball Horticultural Company), Amy Gonzales (Syngenta Flowers), Susan Stauber (Ball Horticultural Company), Traicer Gray (Elitch Gardens), Julie Lehman (Denver City Park Greenhouse), Richard Anderson (Tech Center Landscape), Brian Austin (Dutch Heritage Gardens), Diana Shull (Dummen Orange), Holly Shield (Denver City Parks), Nick Marinelli (Weston Landscape and Design), Scott Fulton (Botany Lane Greenhouse), Steven Engel (PanAmerican Seed), Beth Gulley (Gulley Greenhouse), Kathy McKay

(Flamingo Holland), Sean Moody (Ceres Landcare), Veronica Scadden (Petals Boutique Floralscapes), Stephanie Guterrez (Designs By Stephanie)

And a special thanks to those who served on the Perennial Trial Sub-Committee - Aaron Bivens from Altman Plants, Bridget Blomquist from Denver Botanic Gardens, Ron Brum and Susan Stauber from Ball Horticultural Company, Dan Gerace from Welby Gardens, Beth Gulley and Gene Pielin from Gulley Greenhouse, Sean Moody from Ceres Land Care, Merle Moore formerly of Denver Zoological Gardens, Richard Anderson from the Denver Tech Center, Galen Dokter from Vaughan's Horticulture, Diana Reavis from Eason Horticultural Resources, Shalene Hiller from City of Westminster, Kathy McKay from Schoneveld and Flamingo Holland, and Veronica Scadden from Petals Boutique Floralscapes.

Perhaps most importantly, much thanks and appreciation goes to the Perennial Trial Garden staff at the university that has worked diligently to prepare and maintain the garden. These people include:

Horticulture Research Associate
Perennial Trial Coordinator

David Staats
Laurny Schriener

For further information on the Annual and Perennial Flower Trial Garden at Colorado State University, feel free to write, call or e-mail:

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This report is also available online at:

www.flowertrials.colostate.edu (Click on "Trials" tab and select "Perennial Results")

An Invitation

You are cordially invited to tour the garden at your leisure to enjoy the color and ambiance of a place that is like no other in Colorado. Any suggestions you may have for future programs or improvements are strongly encouraged, so please feel free to contact us with your ideas.

Jessica Davis – Department Head

Phone: (970) 491-7018

James E. Klett – Arboretum Director & Annual and Perennial Flower Trial Garden Faculty Coordinator

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Cultural Data¹

Growing

Vegetative propagated plants did not arrive all at the same time or at the same growth stage. All of the new entries were planted in the garden in May and June. Most vegetative varieties were received as plugs and transplanted into 4" pots shortly after arriving at Colorado State University. They were planted into the garden when they established well in their pot. Seed entries arrived in early June and were planted directly into the garden.

Fertilization in the Greenhouses

Dosatron[®] fertilizer injectors rated at 7 GPM were used in the greenhouses to fertilize plants at every watering. GreenCare 14-4-14 water soluble fertilizer was used. They received fertilization at a rate of 200ppm. All plants were grown in the greenhouses at the CSU Horticulture Center, with the exception of the seed varieties which were grown at Welby Gardens.

Chemicals Used in the Greenhouses

Banrot[®] (6 oz/gallon) and Rootshield[®] (0.5 tsp/gallon) was applied to all plugs immediately after arrival and prior to potting.

Soil Amendments and Preparation

All beds were raked clean of old mulch, dead plant material and weeds prior to planting. Newly established beds were amended with media donated by Organix.

Planting

Plants were grown in highly amended beds (see soil analysis table). Entries were planted in beds that corresponded with their preferred sun or shade requirements. Beds were fertilized (see fertilization section for details) and new beds were tilled prior to planting new varieties. Planting holes were prepared by hand or auger to the correct depth for root ball prior to planting.

Bed Spacing

Entries were planted in the ground based on estimated mature plant size and how many were sent. Generally, plants were spaced at one foot centers with one row of nine plants. If fewer plants were sent they may have been planted at wider spacing. There were approximately 18 inches between entries in the beds.

¹ No endorsement of products named is intended nor is criticism of products not mentioned.

Watering

All beds in the trial garden received the same water amounts. An irrigation audit was conducted at the beginning of the season to determine the irrigation rate per bed. This rate was used to calculate the total length of time to irrigate each bed. Plant beds were watered with 1.0-1.5 inches per week depending on the amount of natural precipitation received and newly planted varieties received more initially. The irrigation was sometimes adjusted as needed to make sure plants were not stressed.

Fertilization in the Garden

After planting, Osmocote® (17-5-11) was applied to all beds at the rate of 6 grams/sq. ft. (suggested medium rate on label). GreenCare water soluble fertilizer (20-10-20) was dispensed through a 100 GPM Dosatron® twice a week at a rate of 200 ppm.

Maintenance of Flowers

All flowers were deadheaded as needed to give a clean appearance and encourage secondary blooming. Most plants are cut back to the ground in late fall or early spring.

Weed Control

Herbicide applications were applied along the edge of beds on a as needed basis. Otherwise, all weeding was done by hand throughout the season inside garden beds.

Pest Control in Garden

No pesticides were applied due to advanced scouting and lack of pest populations

Disease Control in Garden

Powdery mildew was a problem on several varieties in fall and it was noted in the comment section of the data tables.

Dates of Severe Weather

Some notable weather was a hailstorm on July 5. Minor damage was observed on the perennials. A less severe hailstorm caused no damage on June 20th. The first snow and freeze of the 2019 season occurred on October 10th.

Monthly Temperatures and Precipitation for Winter 2018-2019

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
October	62.3 °F	35.9 °F	1.08
November	50.7 °F	26.0 °F	0.62
December	45.2 °F	18.4 °F	0.03
January	47.2 °F	19.4 °F	0.49
February	42.6 °F	15.9 °F	0.16
March	49.0 °F	24.0 °F	2.02

Monthly Temperatures and Precipitation for Summer 2019

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
April	63.8° F	36.6° F	1.78
May	64.3° F	39.6° F	2.92
June	79.9° F	50.5° F	2.59
July	88.9° F	59.0° F	1.25
August	88.1° F	58.5° F	0.20
September	82.1° F	51.0° F	0.71

*Weather information for the Fort Collins area provided by the Colorado State University at: <http://ccc.atmos.colostate.edu> as well as U.S. Climate Data website at: <http://www.usclimatedata.com/climate/fort-collins/colorado/united-states/usco0140>

Data Collection Methods

Plant Size

Height and width measurements were taken once toward the end of the growing season on September 27th, 2019. This was done to determine the approximate average size and growth performance of the mature plants. For plants that were planted in 2019, their height and width were also taken to get a feel for how their first season growth performance was. For consistency in bed data collection, the third plant from the front of the left row was measured; however, if that plant was noticeably smaller or larger than average, an alternate plant was selected for measurement. Measurements were taken at the highest and widest parts of the plant, including any flowers.

Soil Samples

Numerous samples were taken from individual ground beds on September 27th, 2018 and were combined into a single sample and submitted to the CSU Soil Testing Lab. The results are as follows:

Soil Analysis

Location	pH	E.C. mmhos/ cm	Lime Estimate	% OM	NO ₃ -N ppm	P ppm	K ppm	Zn ppm	Fe ppm	Mn ppm	Cu ppm	Texture
Perennial Beds	7.2	0.7	medium	11.9	29.8	388	384	23.2	121	7.0	8.7	Sandy Loam

Performance Evaluation

Photos and data on plants and flowers were collected on a bi-weekly basis from May to early October. Dead plants in the trial were not considered in the bi-weekly evaluation; thus, the ratings given only reflect the live plants. Members from the Perennial Trial subcommittee also came and wrote comments for each plant in June, July, and August. Plants and flowers were rated 0-5 using the following scale:

0 = Dead/No flowers

1 = Poor: Plants are very sick or dying, extremely few flowers

2 = Below Average: Plants are unattractive in some form, i.e. – leggy growth habit, chlorotic or low vigor, flowers are few and occurring sporadically

3 = Average: Plant appearance with growth characteristics that would be expected for the time of season; flowers would be few but uniform across the plants

4 = Good: Plants look attractive (foliage, growth habit, etc.); flowers are blooming strong and showy

5 = Excellent: Plants are very healthy and uniform; flowering is impressive

Selection of “Top Performers”

On November 21st, 2019, a conference call was convened with CSU staff and the Perennial Trial Garden Subcommittee. Pictures of entries from the 2017 planting were posted to the Perennial Trial website for review. Data from the growing season was compiled and emailed to each evaluator prior to the conference call for review. After discussion and looking at the pictures taken throughout the season, each plant was voted on by each member of the committee as to whether it should be awarded the designation as a “Top Performer”.

“Top Performers” for 2019 Season

Class of 2017 Grown 3 Summers and 2 Winters

Allium ‘Millenium’ from Eason Horticulture Resources/Stonehouse Nursery, LLC (*Allium hybrid* 'ALLMIG1')

This was a definite “show stopper” plant that was described as having an “insane” amount of blooms. Flowers were a nice shade of pink and were a favorite of many bees and butterflies. The flowers combined well with a nice compact plant with clean foliage and very uniform growth habit. Blooming lasted a long time and flowers did not lodge even with overhead irrigation. It has been reported to grow well even at 8,000’ in the mountains. Removal of spent blooms can result in some repeat blooming or can be left for winter interest. Judges were in unanimous agreement to designate it as a winner.

“Top Performers” for 2019 Season Continued

Delosperma Granita® Orange from Plant Select® (previously Stireman Orange) (*Delosperma* 'PJS02S')

Bright, iridescent orange flowers blanket the plant creating an impressive show of flower power. Large flowers bloom over a long period. Plants make a very attractive ground cover as the beautiful green foliage forms a nice dense mat that tightly hugs the ground. Vigor is excellent and makes a good spreader. Cold hardy and well suited for this area.

Dianthus ‘Kahori Scarlet’ from Dummen Orange (*Dianthus x hybrida* Kahorie® 'Scarlet')

Very showy in the spring with a very vibrant color and attractive plants. Flower color was not a true scarlet but a beautiful shade of hot rose or cherry. Plants had superior winter hardiness that was consistent over three years and did not die out in the center as did many other Dianthus. Plants were attractive even when not in bloom with a nice tidy, compact growth habit.

Hibiscus ‘Summerific Cherry Choco Latte’ from Walters Gardens, Inc. (*Hibiscus x hybrida* 'Cherry Choco Latte'^{PPAF})

Large, two tone blooms were captivating with a striking combination of pink and white. It makes a great choice for providing color late in the season. Plants were relatively low maintenance as the old blooms were self-cleaning. Foliage had shades of dark red that was maintained throughout the season. Plants also had a nice growth habit that did not lodge and the mid-size height made a good balance with the flower size.

Lamium ‘Lami Dark Purple’ from Danziger (*Lamium maculatum* 'Dark Purple')

Dark purple flowers combined with dark green foliage and a very uniform growth habit to make a very impressive groundcover. This versatile plant did not burn in the sun and did well in the shade. It has also been reported to look great even at 8,000 feet elevation. Plants have superior vigor and provide a long period of bloom.

Miscanthus ‘Bandwidth’ from Darwin Perennials (*Miscanthus sinensis* 'NCMS2B'^{PP29460})

This is a good selection for today's smaller gardens and landscapes as the plant maintains a nice uniform growth habit that is only 3-4' in height. Plants did not bloom but foliage is very attractive with yellow stripes running across the blade. The variegated foliage did not revert and was impressive all three seasons. Flowers are not needed for interest as the yellow and green contrast in the leaves is very showy.

Entries that Failed to Overwinter

Some plants had extreme winter losses but if at least one plant survived through the winter they were included in the data even if it died out later in the season. Plants listed below are varieties that had a zero percent survival rate for the 2018-2019 winter.

Genus	Cultivar	Company	Year Planted
Agastache	Morello	Terra Nova Nurseries	2017
Asclepias tuberosa	Blonde Bombshell	Walters Gardens, Inc.	2017
Coreopsis	Solanna™ Golden Crown	Danziger	2017
Coreopsis	Solanna™ Glow	Danziger	2017
Coreopsis	Rosanna	Danziger	2017
Coreopsis	Little Bang™ Starbright	Dummen Orange	2017
Dianthus	Odessa Amy	Dummen Orange	2017
Dianthus	Odessa Joelle	Dummen Orange	2017
Dianthus	American Pie™ Georgia Peach Pie	Eason Horticulture Resources	2017
Dianthus	Flow™ White Bay	Hilverdakooij	2017
Dianthus	Flow™ Punta Cana	Hilverdakooij	2017
Dianthus	Flow™ Grace Bay	Hilverdakooij	2017
Dianthus	Flow™ Blinky Beach	Hilverdakooij	2017
Dianthus	Flow™ Crane Beach	Hilverdakooij	2017
Echinacea	Sombrero® Lemon Yellow Improved	Darwin Perennials	2017
Gaillardia	Spintop Red	Dummen Orange	2017
Gaillardia	Spintop Orange Halo	Dummen Orange	2017
Gaillardia	Galya™ Wild Fire	Danziger	2017
Gaillardia	Galya™ Blazing Sun	Danziger	2017

Gaillardia	Galya™ Yellow	Danziger	2017
Gypsophila	Festival™ White Flare	Danziger	2017
Leucanthemum	Sweet Daisy Christine	Dummen Orange	2017
Leucanthemum	Lucille™ Chic	Danziger	2017
Leucanthemum	White Magic	Darwin Perennials	2017
Lupinus	Westcountry™ Blacksmith	Eason Horticulture Resources	2017
Coreopsis grandiflora	Moonswirl	Dummen Orange	2018
Coreopsis	Early Sunrise	Keift PanAmerican Seed	2018
Coreopsis	Double the Sun	Keift PanAmerican Seed	2018
Coreopsis	Super Star	Darwin Perennials	2018
Coreopsis	Golden Stardust	Darwin Perennials	2018
Coreopsis x hybrida	Little Bang Orange Elf	Dummen Orange	2018
Delphinium elatum	Delphina™ Light Blue White Bee	Syngenta	2018
Dianthus	Odessa Cerise Bling Bling	Dummen Orange	2018
Dianthus	Constant Beauty™ Pink/ Red	Green Fuse Botanicals	2018
Dianthus	Constant Cadence® Salmon	Green Fuse Botanicals	2018
Dianthus	Constant Promise™ Raspberry	Green Fuse Botanicals	2018
Gaillardia aristata	Spintop Red Starburst	Dummen Orange	2018
Gaillardia aristata	Barbican™ Red	Syngenta	2018
Gaura	Bantam® Pink	Green Fuse Botanicals	2018
Lavandula angustifolia	Aromatico™ Blue Imp.	Syngenta	2018
Leucanthemum	1704-127	Must Have Perennials	2018

Leucanthemum	Lancaster® Betsy™	Green Fuse Botanicals	2018
Lupinus polyphyllus	Westcountry Persian Slipper	Eason Horticulture Resources	2018
Salvia	914	Hilverdakooij	2018
Salvia	917	Hilverdakooij	2018
Salvia	905	Hilverdakooij	2018

Spacing and Location Changes for Class of 2017

We had a wonderful response in 2017 from our cooperators with almost 100 new varieties and created a new bed to help accommodate these plants. Since our greatest cooperator concern in the past has been placing plants too close together, we wanted to ensure that new varieties being planted in 2017 year had ample space to thrive without competing with their neighbors. In order to provide the necessary spacing, we split the trials into two locations. Instead of planting two rows of 9 plants as we usually do (18 plants total), we planted a single row of each new variety in the trial garden (Approximately 9 plants), while placing the remaining plants in a second location in our new display/demonstration/research garden in clumps of 5 to 7 plants depending on their size. Any plants in this location are considered part of the permanent display and research data will be collected for the lifetime of the plants. The display/demonstration/research garden coordinator will collect data on the plants' performance as well as take photographs throughout the growing season to document flowering quality and vigor. This solution allowed us to provide proper spacing while also giving cooperators the chance to see their new varieties in a designed perennial border as well as a traditional row trial.

Our new perennial display/demonstration/research garden is located just north of the University Center for the Arts, just steps away from the trial beds. This garden space was constructed in 2016 as the new home for the Plant Environmental Research Center (PERC) Perennial Garden. It is a beautiful location with a gazebo, arched vine collection, sitting benches and water feature.

This change in protocol was presented to cooperators for feedback before it was executed and no concerns were voiced. It is anticipated that this change will only be for the class of 2017 because there are more plants being removed in the future that should allow room for new varieties.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Allium	Millenium	Eason Horticulture Resources/Stonehouse Nursery, LLC	pink	H: 66 W: 38	2017
	Rating June:	3.0	Comments:	Flat sword like foliage, uniform, flower buds present	
	Rating July:	4.0	Comments:	Beginning to bloom, uniform coverage of flowers	
	Rating Aug.:	4.5	Comments:	Uniform habit, vibrant pink flowers	
	Rating Sept.:	5	Comments:	Attractive dried seed head	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Lots of flowers buds, just about to open ,past peak flowering, 24-30 inches high			
Amsonia tabernaemontana	Storm Cloud	Walters Gardens, Inc. /Proven Winners®	light blue	H: 67 W: 41	2017
	Rating June:	1.0	Comments:	Very chlorotic foliage, few plants are dying, pale white flowers	
	Rating July:	2.0	Comments:	Chlorotic foliage, leaf burn, few plants are dying	
	Rating Aug.:	1.37	Comments:	Chlorotic, sun burn, few weak plants	
	Rating Sept.:	2	Comments:	Some plants are dead, sun scald on leaves due to iron chlorosis	
# Planted:	9				
% Survived:	89				
	Additional Comments:	Leaf burns, anemic, chlorotic foliage, no flowers, some dying plants, foliage not uniform			
Armeria	Dreameria™ Daydream	Darwin Perennials	light pink	H: 16 W: 34	2017
	Rating June:	4.0	Comments:	Some yellowing and brown foliage, uniform, pale pink flowers	
	Rating July:	4.0	Comments:	Compact rounded habit, few pink flowers	
	Rating Aug.:	3.37	Comments:	Uniform mound, reblooming	
	Rating Sept.:	3.5	Comments:	Mounded habit	
# Planted:	13				
% Survived:	100				
	Additional Comments:	Butterflys love them, uniform habit, good vigor, few flowers, large flower, blooming late into season			
Armeria	Dreameria™ Sweet Dreams	Darwin Perennials	light pink	H: 17 W: 36	2017
	Rating June:	4.0	Comments:	Some yellowing, uniform, pale pink flowers	
	Rating July:	4.0	Comments:	Compact, a couple pink flowers	
	Rating Aug.:	3.5	Comments:	Uniform mounds, reblooming	
	Rating Sept.:	3.5	Comments:	Mounded habit, few flowers	
# Planted:	13				
% Survived:	100				
	Additional Comments:	Butterflys love them, uniform habit, good vigor, few flowers, large flower, blooming late into season			
Brunnera	Sea Heart	Plants Nouveau	blue	H: 30 W: 52	2017
	Rating June:	3.0	Comments:	Dwarf height, spreads, lots of pale blue flowers, attractive foliage	
	Rating July:	1.5	Comments:	Severe hail damage to foliage, browning leaves	
	Rating Aug.:	1.87	Comments:	Few flowers, new growth after hail damage	
	Rating Sept.:	1.5	Comments:	Few brown leaves, non-uniform	
# Planted:	17				
% Survived:	100				
	Additional Comments:	Uniform habit, good vigor, hail damage			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Campanula	Adansa Pink	Schoneveld	light purple	H: 8 W: 18	2017
	Rating June: 2.5	Comments: Only one plant, pale pink flowers			
	Rating July: 3.0	Comments: Yellowing foliage, pale pink flowers covering entire plant			
	Rating Aug.: 1.79	Comments: Mounded habit, dark green foliage			
	Rating Sept.: 3	Comments: Few flowers			
# Planted:	9				
% Survived:	11				
	Additional Comments:	One live plant, few flowers			
Campanula	Adansa Purple	Schoneveld	purple	H: 13 W: 25	2017
	Rating June: 0.0	Comments: Only two plants!, purple flowers			
	Rating July: 3.0	Comments: Purple flowers, uniform foliage			
	Rating Aug.: 1.5	Comments: Sparse blooming, mounded			
	Rating Sept.: 3	Comments: Few flowers, compact			
# Planted:	9				
% Survived:	22				
	Additional Comments:	One live plant			
Campanula	Adansa White	Schoneveld	white	H: 1 W: 22	2017
	Rating June: 1.5	Comments: Uniform habit, few white flowers			
	Rating July: 3.0	Comments: Few white flowers, uniform			
	Rating Aug.: 2.12	Comments: Mounded, uniform habit, few flowers			
	Rating Sept.: 3	Comments: Compact habit, few flowers			
# Planted:	9				
% Survived:	22				
	Additional Comments:	Two live plants, compact habit			
Campanula	Ambella Dark Blue	Schoneveld	dark purple	H: 15 W: 34	2017
	Rating June: 2.5	Comments: Non-uniform, one plant covered in purple flowers			
	Rating July: 3.0	Comments: Non-uniform flowering			
	Rating Aug.: 2.25	Comments: Non-uniform, mounded, reblooming			
	Rating Sept.: 3	Comments: Non-uniform, few flowers			
# Planted:	9				
% Survived:	22				
	Additional Comments:	Only one plant is blooming, compact habit, few flowers, variable vigor			
Campanula	Ambella White	Schoneveld	white	H: 10 W: 29	2017
	Rating June: 3.0	Comments: Non-uniform, covered in white flowers			
	Rating July: 3.5	Comments: Some yellowing, uniform coverage of white flowers			
	Rating Aug.: 2.62	Comments: Some yellowing, very compact, mounded			
	Rating Sept.: 3.5	Comments: Some reblooming white flowers, yellowing, compact			
# Planted:	8				
% Survived:	100				
	Additional Comments:	Mound of white flowers, compact habit, few flowers, variable vigor			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Coreopsis	Gilded Lace	Plants Nouveau	yellow	H: 91 W: 135	2017
	Rating June:	4.0	Comments:	Vigorous foliage	
	Rating July:	3.5	Comments:	Large plants, covered in small yellow flowers, airy textured foliage	
	Rating Aug.:	4.25	Comments:	Large perennial covered in small yellow blooms, airy texture	
	Rating Sept.:	4	Comments:	Long stems, long season of bloom	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform habit, heavy bloom and strong color impact, self-cleaning holding together well, giant plant			
Delosperma	Stireman Orange	Plant Select®	orange	H: 5 W: 44	2017
	Rating June:	3.5	Comments:	Some yellowing foliage, covered in dark orange blooms	
	Rating July:	3.5	Comments:	Some die-back due to watering, covered in orange flowers	
	Rating Aug.:	2.37	Comments:	Mold growth and die back from too much irrigation	
	Rating Sept.:	3.5	Comments:	Yellowing foliage, patchy growth	
# Planted:	18				
% Survived:	100				
	Additional Comments:	Some dying plants, brilliant orange flowers			
Delosperma	Stireman Raspberry	Plant Select®	raspberry pink	H: 5 W: 57	2017
	Rating June:	3.5	Comments:	Some yellowing foliage, attractive dark pink blooms cover the entire plant, replanted area taken over by grass	
	Rating July:	3.5	Comments:	Some die-back due to watering, covered in raspberry pink flowers	
	Rating Aug.:	2.37	Comments:	Mold growth and die back from too much irrigation, some yellowing	
	Rating Sept.:	3.5	Comments:	Dark green foliage, few flowers	
# Planted:	18				
% Survived:	90				
	Additional Comments:	Replaced plants taken over by grass in May 2019, brilliant deep rose flowers			
Dianthus	Kahori Pink	Dummen Orange	pink	H: 17 W: 44	2017
	Rating June:	3.0	Comments:	Uniform foliage, loads of pink flowers!	
	Rating July:	3.5	Comments:	Mounded habit, reblooming	
	Rating Aug.:	3.37	Comments:	Good flower coverage, reblooming	
	Rating Sept.:	3.5	Comments:	Long season of bloom, pink blooms	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Plants of good vigor, modest flowering and color impact			
Dianthus	Kahori Scarlet	Dummen Orange	dark pink	H: 14 W: 45	2017
	Rating June:	4.0	Comments:	Attractive dark pink flowers cover entire plant!, uniform habit	
	Rating July:	4.0	Comments:	Mounded habit, some reblooming late in season	
	Rating Aug.:	3.5	Comments:	Reblooming dark pink blooms	
	Rating Sept.:	4	Comments:	Yellowing foliage, mounded, long season of bloom	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform plants, good vigor, some flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Mountain Frost™ Pink Carpet	Darwin Perennials	pink with red eye	H: 6 W: 56	2017
	Rating June: 2.5	Comments: Non-uniform, few soft pink with red centered flowers			
	Rating July: 4.5	Comments: Spreading foliage, dark pink flowers			
	Rating Aug.: 3.25	Comments: Vigorous groundcover, great foliage, reblooming			
	Rating Sept.: 4	Comments: Some opening in the center, few flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform plants of good vigor, few flowers			
Dianthus	Mountain Frost™ Pink PomPom	Darwin Perennials	pink	H: 5 W: 30	2017
	Rating June: 3.0	Comments: Uniform habit, covered in tiny bright pink double flowers			
	Rating July: 4.5	Comments: Few tiny pink flowers, uniform coverage			
	Rating Aug.: 3.25	Comments: Light green foliage, few tiny pink flowers			
	Rating Sept.: 4	Comments: Mounded, few flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform plants of good vigor, few flowers, lots of small doubles			
Dianthus	Mountain Frost™ Pink Twinkle	Darwin Perennials	pink with red eye	H: 10 W: 36	2017
	Rating June: 3.5	Comments: Uniform, green foliage with bright pink flowers, covered in flowers			
	Rating July: 4.0	Comments: Pink flowers with red center, uniform coverage			
	Rating Aug.: 2.62	Comments: Mounded habit, few flowers			
	Rating Sept.: 3	Comments: Mounded habit			
# Planted:	9				
% Survived:	56				
	Additional Comments:	Some plants did not make it back from winter, lovely flower			
Dianthus	Mountain Frost™ Rose Bouquet	Darwin Perennials	dark pink	H: 11 W: 40	2017
	Rating June: 3.0	Comments: Non-uniform, dark green foliage with dark pink flowers			
	Rating July: 4.0	Comments: Some dark pink flowers			
	Rating Aug.: 2.75	Comments: Mounded groundcover, filling in nicely, few flowers			
	Rating Sept.: 3	Comments: Dark green foliage, few flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform plants of good vigor, few flowers			
Dianthus	Mountain Frost™ Silver Strike	Darwin Perennials	lavender	H: 9 W: 56	2017
	Rating June: 4.5	Comments: Attractive silver foliage, with purple/pink flowers, uniform			
	Rating July: 4.5	Comments: Silver green foliage, covered in pink flowers			
	Rating Aug.: 3.33	Comments: Mounded silver green foliage, few blooms			
	Rating Sept.: 3.5	Comments: Silver green foliage, mounded			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform, vigorous plants			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Mountain Frost™ White Twinkle	Darwin Perennials	white with dark pink eye	H: 5 W: 32	2017
	Rating June: 3.0	Comments: Non-uniform, white flower with red center			
	Rating July: 4.0	Comments: Some yellowing foliage, few flowers			
	Rating Aug.: 2.41	Comments: Yellowing foliage			
	Rating Sept.: 3	Comments: Some yellowing, mounded, few flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform plants of good vigor			
Dianthus	Olivia Bella	Dummen Orange	dark pink with white edge	H: 1 W: 15	2017
	Rating June: 2.0	Comments: Groundcover, few dying plants, covered in dark pink/white flowers, yellowing foliage			
	Rating July: 0.5	Comments: Low vigor, yellowing, no flowers			
	Rating Aug.: 0.75	Comments: Few weak plants			
	Rating Sept.: 0.5	Comments: Low vigor			
# Planted:	11				
% Survived:	55				
	Additional Comments:	Few weak plants, no flowers			
Dianthus	Rockin'™ Red	PanAmerican/Kieft	dark red	H: 14 W: 25	2017
	Rating June: 3.0	Comments: Non-uniform, purple/green foliage with red flowers			
	Rating July: 2.0	Comments: Dark red flowers, some browning			
	Rating Aug.: 2.37	Comments: Browning foliage, continuing with dark red blooms			
	Rating Sept.: 2	Comments: Some browning foliage, few flowers			
# Planted:	9				
% Survived:	78				
	Additional Comments:	Nice red flowers, plants diseased, flowers great			
Dianthus	Sunflor Abby	Dummen Orange	peachy pink	H: 12 W: 18	2017
	Rating June: 3.0	Comments: Winter damage still present, pale green/blue foliage, few flowers, non-uniform			
	Rating July: 3.0	Comments: Non-uniform flowering, irregular form			
	Rating Aug.: 2.5	Comments: Low vigor, compact, few flowers			
	Rating Sept.: 2.5	Comments: Plants look dry, few flowers			
# Planted:	9				
% Survived:	89				
	Additional Comments:	Some dead/missing plants, few flowers			
Dianthus	Sunflor Desire	Dummen Orange	scarlet	H: 8 W: 22	2017
	Rating June: 1.5	Comments: Only one plant!, very sparse foliage and dying			
	Rating July: 0.5	Comments: Only one plant, poor vigor			
	Rating Aug.: 0.83	Comments: Low vigor, no flowers			
	Rating Sept.: 0.5	Comments: Sparse foliage, dark red flowers			
# Planted:	9				
% Survived:	11				
	Additional Comments:	1 small plant			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Sunflor Esmay	Dummen Orange	dark pink	H: 9 W: 16	2017
	Rating June: 2.5	Comments: Few plants are dying, dark pink with red center flowers			
	Rating July: 3.0	Comments: Poor survival, mounded habit, non-uniform flowering			
	Rating Aug.: 1.87	Comments: Few weak plants, compact round habit			
	Rating Sept.: 2.5	Comments: Small mounds, few flowers			
# Planted:	9				
% Survived:	78				
	Additional Comments:	Some dead/missing plants, few flowers			
Dianthus	Sunflor Kaylee	Dummen Orange	burgundy and white	H: 4 W: 17	2017
	Rating June: 1.0	Comments: Sparse foliage, some yellowing			
	Rating July: 0.5	Comments: Only one plant left, poor vigor			
	Rating Aug.: 0.66	Comments: Dying/few plants			
	Rating Sept.: 0.5	Comments: Sparse foliage, dying			
# Planted:	9				
% Survived:	33				
	Additional Comments:	2 weak, dying plants, no flowers			
Dianthus	Sunflor Megan	Dummen Orange	light pink	H: 7 W: 20	2017
	Rating June: 0.5	Comments: Many plants are dying, one plant with pale pink double flowers			
	Rating July: 0.5	Comments: Irregular habit, low vigor, light pink flowers on one plant			
	Rating Aug.: 1.87	Comments: Sparse foliage, few weak/dying plants			
	Rating Sept.: 0.5	Comments: Sparse foliage, dark green, couple flowers			
# Planted:	9				
% Survived:	67				
	Additional Comments:	Few weak plants with few flowers			
Dianthus	Sunflor Nora	Dummen Orange	peachy pink	H: 9 W: 16	2017
	Rating June: 2.5	Comments: Sparse foliage, pale green foliage with soft pink double flowers			
	Rating July: 1.0	Comments: Non-uniform flowering, irregular form, peachy pink flowers			
	Rating Aug.: 2.62	Comments: Compact, non-uniform habit, some flowers			
	Rating Sept.: 1	Comments: Non-uniform, few flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Some flowers			
Echinacea	Butterfly™ Rainbow Marcella	Plants Nouveau	orange and pink	H: 68 W: 29	2017
	Rating June: 1.5	Comments: Non-uniform growth			
	Rating July: 3.0	Comments: Dark pink flower fade to peach, dark cones, non-uniform			
	Rating Aug.: 3.33	Comments: Some die-off, flowers fade			
	Rating Sept.: 3	Comments: Unattractive spent flowers, non-uniform			
# Planted:	9				
% Survived:	44				
	Additional Comments:	Flowers buds are about to show, too faded, petals turn brown			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea	Sombrero® Granada Gold	Darwin Perennials	gold	H: 42 W: 19	2017
	Rating June: 3.0	Comments: Non-uniform growth			
	Rating July: 3.5	Comments: Golden yellow blooms with light brown cone, uniform			
	Rating Aug.: 4.12	Comments: Many flowers, awesome color!			
	Rating Sept.: 3.5	Comments: Compact habit, yellow flowers			
# Planted:	9				
% Survived:	89				
	Additional Comments:	Flowers buds are about to open heavy bloom on compact plants, clean foliage, flowers hold color well, wonderful rich color, nice fade, many flowers			
Echinacea	Sombrero® Sangrita	Darwin Perennials	shades of red	H: 30 W: 25	2017
	Rating June: 1.5	Comments: Only one plant with yellowing foliage			
	Rating July: 1.0	Comments: Many flower buds present, dark cones			
	Rating Aug.: 2.5	Comments: Only one plant, attractive dark orange flowers			
	Rating Sept.: 3	Comments: Low vigor, dark red/pink flowers			
# Planted:	9				
% Survived:	11				
	Additional Comments:	Nice red flowers, one plant left			
Echinacea purpurea	Green Twister	Jelitto Perennial Seeds	purple with green tips	H: 66 W: 34	2017
	Rating June: 1.5	Comments: Fairly uniform growth, some yellowing			
	Rating July: 2.0	Comments: Reverting back to purple flowers			
	Rating Aug.: 3.37	Comments: Reverts to magnus flower color, interesting flower , some die-off			
	Rating Sept.: 3.5	Comments: Reversion to flat petaled flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Variable height, good vigor, faded flowers not attractive, needs deadheading to prolong flowering, fun bi-color			
Epimedium	Dark Beauty	Eason Horticulture Resources/Creek Hill Nursery	light pink	H: 8 W: 12	2017
	Rating June: 0.5	Comments: Very chlorotic foliage, few are dying			
	Rating July: 4.0	Comments: Only one surviving plant, low vigor			
	Rating Aug.: 1.12	Comments: One dying plant			
	Rating Sept.: 4	Comments: One sinlge plant that is dying			
# Planted:	18				
% Survived:	83				
	Additional Comments:	Dead			
Gaura	Grace™ Haze	Danziger	white	H: 98 W: 408	2017
	Rating June: 1.0	Comments: Poor survival, some yellowing			
	Rating July: 1.5	Comments: Low vigor, no flowers			
	Rating Aug.: 1.5	Comments: Long stems, needs more sunlight			
	Rating Sept.: 1.5	Comments: Beginning to flower			
# Planted:	9				
% Survived:	11				
	Additional Comments:	Uniform habit, good vigor			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gypsophila	Festival™ Pink Splash	Danziger	light pink	H: 19 W: 54	2017
	Rating June: 3.0	Comments: Small uniform foliage, covered in tiny white/pink flowers			
	Rating July: 3.0	Comments: Sparse middle foliage and dieback, many tiny pink flowers present			
	Rating Aug.: 3	Comments: Good flower amount for 2nd set of blooms, mounded habit			
	Rating Sept.: 3.5	Comments: Low growing, compact, continuous bloomer			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Very compact, uniform habit, moderate flowers and color impact			
Helenium	Mariachi™ Bandera	Plants Nouveau	yellow to red	H: 84 W: 126	2017
	Rating June: 2.0	Comments: Uniform growth			
	Rating July: 2.0	Comments: Uniform rounded habit			
	Rating Aug.: 2.87	Comments: Great structure, looks healthy, beginning to bloom			
	Rating Sept.: 4.5	Comments: Covered in mostly red flowers, lodging of stems			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Robust, uniform habit, just beginning to bloom, many buds, intense red orange flowers, nice large well branched and budded			
Heuchera	NORTHERN EXPOSURE™ Amber	Terra Nova Nurseries	light yellow	H: 17 W: 36	2017
	Rating June: 3.0	Comments: Dark orange foliage, uniform shape, few flower stalks present			
	Rating July: 1.0	Comments: Some yellowing foliage, mounded habit			
	Rating Aug.: 2	Comments: Great foliage, mounded habit, attractive leaf color variations			
	Rating Sept.: 1	Comments: Mounded habit, attractive foliage			
# Planted:	18				
% Survived:	67				
	Additional Comments:	Goldish red leaf, uniform compact habit, attractive foliage color blend, unique foliage color			
Heuchera	NORTHERN EXPOSURE™ Lime	Terra Nova Nurseries	pink	H: 21 W: 39	2017
	Rating June: 3.5	Comments: Lime-green foliage, dark pink flowers, uniform habit			
	Rating July: 3.5	Comments: Lime green foliage, few pink flower stalks, mounded, few weak plants			
	Rating Aug.: 3.08	Comments: Non-uniform habit, lime-green foliage			
	Rating Sept.: 3.5	Comments: Non-uniform shade plant			
# Planted:	18				
% Survived:	89				
	Additional Comments:	Variable vigor and uniformity, no flowers			
Heuchera	NORTHERN EXPOSURE™ Silver	Terra Nova Nurseries	pink	H: 40 W: 42	2017
	Rating June: 1.5	Comments: Attractive pale purple foliage with dark purple veins, uniform habit, few flower stalks			
	Rating July: 1.5	Comments: Purple silver foliage, few pale pink flowers, mounded			
	Rating Aug.: 3.37	Comments: Dark pink flower stalks fade to pale pink, great foliage with visible veins			
	Rating Sept.: 3.5	Comments: Dark pink flower stems, attractive foliage			
# Planted:	18				
% Survived:	22				
	Additional Comments:	Uniform, compact habit, attractive foliage, flowers held well above foliage			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Hibiscus	SUMMERIFIC® Cherry Choco Latte	Walters Gardens, Inc. /Proven Winners®	light pink with red eye	H: 130 W: 118	2017
	Rating June: 2.5	Comments: Starting to grow, burgundy/green foliage			
	Rating July: 2.0	Comments: Hail damage to large leaves, flower buds present			
	Rating Aug.: 4.37	Comments: Great habit, good structure, no lower leaf yellowing even with plant density			
	Rating Sept.: 4	Comments: White flowers with pink center, vigorous			
# Planted: 5					
% Survived: 100					
	Additional Comments:	Lots of flower buds but no flower, uniform habit, attractive foliage color, attractive bi-color flower, great flower size, flowers on top , lots of hail damage			
Iberis	Snowsation	Darwin Perennials	white	H: 23 W: 43	2017
	Rating June: 2.5	Comments: End of bloom, uniform habit, finished flowers add some interest			
	Rating July: 3.5	Comments: Uniform, one plant is dying			
	Rating Aug.: 2.37	Comments: Looked great in spring, one weak plant, uniform			
	Rating Sept.: 3.5	Comments: Mounded habit			
# Planted: 14					
% Survived: 79					
	Additional Comments:	some flowers, 1 dying plant, otherwise uniform habit			
Kniphofia	Mango Popsicle™	Terra Nova Nurseries	orange and yellow	H: 93 W: 35	2017
	Rating June: 2.5	Comments: Uniform habit			
	Rating July: 3.5	Comments: Orange/yellow coned flowers, attractive grass-like foliage			
	Rating Aug.: 3.5	Comments: Few secondary blooms			
	Rating Sept.: 3.5	Comments: Few reblooming flowers			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Uniform, vigorous plants, past peak bloom, very nice flower color			
Kniphofia	Redhot Popsicle™	Terra Nova Nurseries	soft orange	H: 64 W: 43	2017
	Rating June: 1.5	Comments: Uniform habit, one damaged plant			
	Rating July: 4.0	Comments: Peachy red flowers, attractive grass-like foliage			
	Rating Aug.: 3.37	Comments: Few secondary blooms			
	Rating Sept.: 4	Comments: Few flowers, uniform habit			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Uniform, vigorous plants, past peak bloom			
Lamium	Lami™ Dark Purple	Danziger	light purple	H: 22 W: 91	2017
	Rating June: 4.0	Comments: Pale green / white foliage, groundcover, few lavender flowers			
	Rating July: 5.0	Comments: Dark green with silver centered foliage, few dark pink flowers, vigorous groundcover			
	Rating Aug.: 4.62	Comments: Continuous flowering			
	Rating Sept.: 5	Comments: Covered in light purple flowers			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Uniform habit, attractive foliage and flowers, good color impact			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Lamium	Lami™ Mega Purple	Danziger	light purple	H: 21 W: 91	2017
	Rating June: 3.5	Comments: Pale green/white foliage, groundcover, some dieback			
	Rating July: 4.0	Comments: Vigorous groundcover, no flowers			
	Rating Aug.: 4.12	Comments: Vigorous, few light purple blooms			
	Rating Sept.: 4	Comments: Long season of late summer blooms			
# Planted:	18				
% Survived:	100				
	Additional Comments:	Uniform habit, attractive foliage and flowers, modest color impact			
Leucanthemum	Lucille™ White	Danziger	white	H: 29 W: 22	2017
	Rating June: 1.5	Comments: Slow regrowth			
	Rating July: 1.5	Comments: Sparse foliage, white flowers			
	Rating Aug.: 3.33	Comments: Non-uniform, interesting flower			
	Rating Sept.: 3.5	Comments: Some yellowing foliage			
# Planted:	9				
% Survived:	11				
	Additional Comments:	Only one plant			
Lewisia	CONSTANT™ Coral	Terra Nova Nurseries	peachy pink	H: 8 W: 20	2017
	Rating June: 3.5	Comments: Some yellowing, one plant is dead			
	Rating July: 1.0	Comments: Some yellowing foliage, no flowers			
	Rating Aug.: 1.16	Comments: Few brown leaves, no flowers			
	Rating Sept.: 1	Comments: Some new growth			
# Planted:	9				
% Survived:	33				
	Additional Comments:	Unique flower, 2 plants left			
Miscanthus	Bandwidth	Darwin Perennials		H: 107 W: 100	2017
	Rating June: 4.0	Comments: Non-uniform, slow regrowth			
	Rating July: 4.0	Comments: About 4 foot in height, attractive banded grass, no flowers			
	Rating Aug.: 5	Comments: Uniform, attractive grass			
	Rating Sept.: 4	Comments: Still looks good at end of season			
# Planted:	12				
% Survived:	100				
	Additional Comments:	Uniform, compact habit, attractive banded variegation, no flowers/seed heads, nice compact grass			
Monarda	Bee-You™ Bee-Merry	Plants Nouveau	dark pink	H: 97 W: 91	2017
	Rating June: 2.0	Comments: Non-uniform, flower buds present			
	Rating July: 3.5	Comments: Full flower coverage, dark pink blooms			
	Rating Aug.: 4.29	Comments: Fading foliage looks a weird blue green			
	Rating Sept.: 3.5	Comments: Powdery mildew present			
# Planted:	9				
% Survived:	100				
	Additional Comments:	This variety is not weight down by the water like other varieties very uniform habit, generally clean foliage with no powdery mildew, powdery mildew			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Monarda	Pocahontas Pink	Dummen Orange	dark pink	H: 124 W: 49	2017
	Rating June: 2.5	Comments: Tall foliage, non-uniform			
	Rating July: 2.0	Comments: Some hail damage to foliage, dark pink flowers, beginning to flower			
	Rating Aug.: 4.12	Comments: Tall height, good sturdy structure, blooms throughout			
	Rating Sept.: 3.5	Comments: Powdery mildew on flowers and foliage			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Heavy bloomer, uniform habit, no powdery mildew, lodging with overhead irrigation			
Monarda	Pocahontas White Blush	Dummen Orange	light pink	H: 106 W: 71	2017
	Rating June: 2.5	Comments: Tall foliage, uniform			
	Rating July: 2.0	Comments: Some hail damage to foliage, beginning to bloom, pale pink flowers			
	Rating Aug.: 4.16	Comments: Flowers fade too quickly, plant split in center, lodging stems			
	Rating Sept.: 3.5	Comments: Powdery mildew on flowers and foliage			
# Planted:	9				
% Survived:	100				
	Additional Comments:	More of a pink blush than white, lodging			
Monarda	Pocahontas Purple Rose	Dummen Orange	purple	H: 44 W: 31	2017
	Rating June: 1.0	Comments: Chlorotic foliage, compact size			
	Rating July: 1.0	Comments: Chlorotic foliage with tip burn			
	Rating Aug.: 1.41	Comments: Chlorotic foliage, poor growth			
	Rating Sept.: 1	Comments: Powdery mildew and yellowing of foliage			
# Planted:	9				
% Survived:	89				
	Additional Comments:	Iron deficiency, buried by Helenium			
Monarda	Pocahontas Red Rose	Dummen Orange	reddish pink	H: 26 W: 21	2017
	Rating June: 1.0	Comments: Very sparse growth, some yellowing			
	Rating July: 1.0	Comments: Sparse, overshadowed by neighboring varieties			
	Rating Aug.: 2.33	Comments: Over-shaded by neighbor, poor growth			
	Rating Sept.: 1	Comments: Low vigor, some powdery mildew			
# Planted:	9				
% Survived:	56				
	Additional Comments:	Pocahontas grew over the red rose variety, heavy bloomer, uniform habit, no powdery mildew, some lodging			
Mukgenia	Nova™ Flame	Terra Nova Nurseries	pink	H: 18 W: 36	2017
	Rating June: 1.5	Comments: Non-uniform			
	Rating July: 3.0	Comments: Irregular habit, no flowers, dark green foliage			
	Rating Aug.: 2.25	Comments: Non-uniform, no flowers			
	Rating Sept.: 3	Comments: Dark green foliage, no flowers			
# Planted:	18				
% Survived:	94				
	Additional Comments:	Variable vigor, lack uniformity, no flowers, glossy			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Nepeta	Aroma Violet	Danziger	lavender	H: 55 W: 67	2017
	Rating June:	3.0	Comments:	Chlorotic foliage, uniform, covered in purple flowers, fragrant, covered in bees!	
	Rating July:	3.5	Comments:	Some yellowing of foliage, few flowers	
	Rating Aug.:	3.04	Comments:	Chlorotic, continuous bloomer	
	Rating Sept.:	3.5	Comments:	Some yellowing, long bloomer	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Uniform habit , chlorotic foliage late in season , many flowers earlier but none now, good vigor			
Phlox	Cherry Cream	Darwin Perennials	light pink with dark eye	H: 89 W: 64	2017
	Rating June:	1.5	Comments:	Yellowing foliage, uniform growth	
	Rating July:	2.0	Comments:	Chlorotic top foliage, beginning to bloom, pale pink with dark pink centers	
	Rating Aug.:	4.62	Comments:	Attractive bloom, flowers not distributed evenly, good color, some chlorosis	
	Rating Sept.:	4	Comments:	Powdery mildew on flower heads	
# Planted:	18				
% Survived:	100				
	Additional Comments:	Great big blooms! uniform habit, many flowers, strong color impact, good foliage color, no powdery mildew, lovely white bi-color			
Rudbeckia	American Gold Rush	Intrinsic Perennial Gardens	yellow	H: 66 W: 91	2017
	Rating June:	1.5	Comments:	Sparse foliage, fall season perennial	
	Rating July:	1.5	Comments:	Uniform foliage, formation of flower buds	
	Rating Aug.:	3.83	Comments:	Late season bloom, great dense habit, no disease even on lower leaves	
	Rating Sept.:	4.5	Comments:	Full bloom, uniform coverage of yellow blooms	
# Planted:	8				
% Survived:	75				
	Additional Comments:	Uniform habit, many flowers, good foliage color, good vigor, late flowering			
Salvia	April Night	Danziger	purple	H: 62 W: 61	2017
	Rating June:	3.5	Comments:	Uniform, dark purple/blue flowers	
	Rating July:	1.5	Comments:	Slow regrowth, reblooming	
	Rating Aug.:	3	Comments:	Reblooming, mounded habit	
	Rating Sept.:	3	Comments:	Vigorous, uniform	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Vigorous plants of uniform habit, past peak flowering			
Salvia	Rose Marvel	Darwin Perennials	dark pink	H: 50 W: 65	2017
	Rating June:	3.5	Comments:	Uniform, loads of dark pink flowers, great pop of color!	
	Rating July:	2.5	Comments:	Mounded habit, few dark pink flowers	
	Rating Aug.:	3.37	Comments:	Reblooming, vibrant pink flower	
	Rating Sept.:	2.5	Comments:	Lodging of stems, powdery mildew on stems	
# Planted:	10				
% Survived:	100				
	Additional Comments:	Uniform habit, good vigor, modest color remaining, slug damage			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Salvia	Sallyrosa™ Jumbo Pink	Danziger	pink	H: 48 W: 80	2017
	Rating June: 5.0	Comments: Yellowing foliage, few flower stalks of pale pink flowers			
	Rating July: 3.5	Comments: Lodging of foliage, few pink flowers			
	Rating Aug.: 2	Comments: Yellowing foliage, mounded regrowth			
	Rating Sept.: 2.5	Comments: Lodging of stems, powdery mildew			
# Planted:	10				
% Survived:	100				
	Additional Comments:	Nice pink flower color, pale green foliage, uniform habit, good vigor, heavy rain lodged stems			
Salvia	Shangri-la sage	Plant Select®	lavender	H: 54 W: 90	2017
	Rating June: 5.0	Comments: Tall salvia variety with flowers!, Loads of pale purple flowers on long stalks, large leaves			
	Rating July: 2.5	Comments: Severe hail damage to large leaves, regrowing leaves, one flower stalk			
	Rating Aug.: 1.62	Comments: New growth after hail damage			
	Rating Sept.: 1.5	Comments: Large hairy leaves, no flowers, non-uniform			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Vigor, uniform habit, heavy rain lodged			
Salvia	Spring King	Dummen Orange	dark blue	H: 65 W: 70	2017
	Rating June: 3.5	Comments: Uniform, covered in dark purple/blue flowers			
	Rating July: 1.5	Comments: Mounded habit, dark blue flowers			
	Rating Aug.: 3	Comments: Reblooming, some disease on spent flowers			
	Rating Sept.: 3	Comments: Powdery mildew on flowers			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Vigorous plants of uniform habit, past peak flowering			
Scrophularia	Cardinale™ Red	Terra Nova Nurseries	scarlet	H: 88 W: 91	2017
	Rating June: 3.5	Comments: Non-uniform, many flower beds			
	Rating July: 4.5	Comments: Long stems, sparse foliage, tips covered in red blooms, some disease present			
	Rating Aug.: 3.87	Comments: Diseased and dying back, some die-off from too much water			
	Rating Sept.: 4	Comments: Some die-back, long season of bloom			
# Planted:	7				
% Survived:	100				
	Additional Comments:	Good vigor, many flowers but flower stems lodge with overhead irrigation			
Sedum	Peace and Joy	Intrinsic Perennial Gardens	pink	H: 28 W: 55	2017
	Rating June: 1.0	Comments: Poor survival, non-uniform			
	Rating July: 1.5	Comments: Many flower buds present, uniform rounded shape, silvery green foliage			
	Rating Aug.: 2.5	Comments: Mounded structure, needs less water			
	Rating Sept.: 3.5	Comments: Lodging of stems, compact mound, vibrant pink flowers			
# Planted:	9				
% Survived:	56				
	Additional Comments:	Some plants did not come back, very compact habit, heavily budded but just beginning to flower budded, heavy large flower heads			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Veronica	Ronica™ Blue	Danziger	dark blue	H: 41 W: 74	2017
	Rating June: 1.5	Comments: Chlorotic foliage, non-uniform			
	Rating July: 1.0	Comments: Low vigor, dark blue flowers			
	Rating Aug.: 2.87	Comments: Unattractive plant with yellowing foliage			
	Rating Sept.: 2.5	Comments: Yellowing foliage, lodging of stems			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Iron deficiency, pale green foliage, few flowers			
Veronica	Ronica™ Fuchsia	Danziger	dark pink	H: 57 W: 68	2017
	Rating June: 3.5	Comments: Uniform, dark green foliage, flower buds present			
	Rating July: 5.0	Comments: Covered in dark pink flowers, mounded			
	Rating Aug.: 4.37	Comments: Uniform size, attractive dark pink blooms, great tight habit			
	Rating Sept.: 5	Comments: Powdery mildew present on foliage			
# Planted:	10				
% Survived:	90				
	Additional Comments:	Uniform plants, good vigor, some color left, clean dark green foliage			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of: 2017

Coordinator Plant and Flower Ratings for 2017

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Allium	Millenium	P	3	3	4	4	5	5	3	3	4.3
		F	0	0	4	4	5	5	0	0	3.5
Amsonia tabernaemontana	Storm Cloud	P	2	2	2	3	2	2	1	2	2.95
		F	0	0	0	0	0	0	0	0	0
Armeria	Dreameria™ Sweet Dreams	P	3	5	3	3	3	3	3	3	3.9
		F	2	5	3	0	3	1	1	2	3.17
Armeria	Dreameria™ Daydream	P	3	5	3	3	3	3	3	3	3.85
		F	3	5	3	0	3	1	1	2	3.2
Brunnera	Sea Heart	P	4	3	2	2	3	3	3	2	3.2
		F	4	0	0	0	2	0	0	0	0.65
Campanula	Ambella White	P	3	4	4	3	3	2	4	3	3
		F	0	4	4	3	2	2	4	0	3.17
Campanula	Ambella Dark Blue	P	2	3	3	3	3	2	3	3	2.9
		F	0	3	3	3	2	2	3	0	2.35
Campanula	Adansa Purple	P	2	3	3	3	3	2	3	3	2.05
		F	0	3	3	3	0	1	3	0	1.82
Campanula	Adansa Pink	P	3	3	3	3	3	2	3	3	2.82
		F	0	3	3	3	0	0	3	0	2.16
Campanula	Adansa White	P	3	3	3	3	3	2	3	3	2.87
		F	0	2	3	3	2	2	3	0	1.92
Coreopsis	Gilded Lace	P	3	3	4	5	4	3	3	3	4.15
		F	0	3	4	5	4	3	3	0	3.4
Delosperma	Stireman Orange	P	5	2	3	3	2	2	3	3	3.52
		F	5	3	0	3	3	3	0	0	2.62
Delosperma	Stireman Raspberry	P	5	2	3	2	2	3	3	3	3.62
		F	5	3	0	2	3	2	0	0	2.47
Dianthus	Mountain Frost™ Pink PomPom	P	5	4	3	3	3	3	3	3	3.62
		F	5	4	4	3	3	1	2	0	3.5
Dianthus	Sunflor Megan	P	1	1	1	2	1	2	2	3	1.27
		F	0	0	0	2	2	1	1	0	0.55
Dianthus	Mountain Frost™ White Twinkle	P	4	3	3	3	3	3	3	3	3.52
		F	3	4	4	3	0	0	1	0	2.44
Dianthus	Mountain Frost™ Pink Carpet	P	3	3	3	3	3	3	3	3	4.1
		F	2	3	3	0	3	1	1	0	2.52

*P indicates plant rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

*F indicates flower rating on a scale of 0 to 5.

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2017

Coordinator Plant and Flower Ratings for 2017

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Dianthus	Mountain Frost™ Rose Bouquet	P	3	3	3	3	3	3	3	2	3.52
		F	2	3	3	2	0	1	0	0	2.42
Dianthus	Sunflor Abby	P	2	2	3	3	2	2	2	2	2.85
		F	0	3	3	3	3	1	0	0	2.32
Dianthus	Sunflor Esmay	P	2	2	2	2	2	2	2	3	2.52
		F	2	2	3	2	0	0	1	0	2.1
Dianthus	Sunflor Desire	P	1	1	1	2	2	2	1	3	1.65
		F	0	0	0	0	0	0	0	0	0
Dianthus	Sunflor Kaylee	P	1	1	1	1	1	1	1	2	1.29
		F	0	1	1	0	0	0	0	0	0.05
Dianthus	Sunflor Nora	P	3	2	2	2	2	3	3	3	2.35
		F	2	2	2	3	2	2	1	2	1.4
Dianthus	Mountain Frost™ Silver Strike	P	3	4	4	3	3	3	3	3	3.85
		F	2	4	4	3	0	0	0	0	3.45
Dianthus	Rockin™ Red	P	4	3	2	3	2	2	3	3	2.35
		F	4	3	2	3	2	1	1	0	2.35
Dianthus	Mountain Frost™ Pink Twinkle	P	4	4	3	3	3	3	3	3	3.5
		F	4	4	4	3	0	0	1	0	2.8
Dianthus	Kahori Pink	P	4	4	3	3	3	3	3	3	3.5
		F	4	4	0	0	3	3	3	0	2.92
Dianthus	Olivia Bella	P	3	2	1	2	1	2	1	2	1.45
		F	4	3	0	0	0	0	0	0	0.57
Dianthus	Kahori Scarlet	P	5	5	3	3	3	3	3	3	3.9
		F	5	5	0	0	3	1	3	0	3.42
Echinacea	Sombrero® Granada Gold	P	3	3	4	5	4	4	3	3	3.47
		F	0	0	4	5	4	4	2	0	3.37
Echinacea	Butterfly™ Rainbow Marcella	P	3	3	3	4	3	3	3	3	3.15
		F	0	0	3	4	3	4	2	0	2.2
Echinacea	Sombrero® Sangrita	P	3	3	3	3	3	4	3	3	2.69
		F	0	0	3	3	4	4	2	0	1.53
Echinacea purpurea	Green Twister	P	3	3	3	5	3	4	3	3	3.57
		F	0	0	3	5	3	4	2	0	1.67
Epimedium	Dark Beauty	P	2	1	2	1	1	1	1	1	2.3
		F	0	0	0	0	0	0	0	0	1.8

*P indicates plant rating on a scale of 0 to 5.

*F indicates flower rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2017

Coordinator Plant and Flower Ratings for 2017

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Gaura	Grace™ Haze	P	2	3	3	3	3	3	3	3	2.77
		F	0	0	0	0	0	0	3	0	0.07
Gypsophila	Festival™ Pink Splash	P	4	4	3	3	4	4	5	3	3.2
		F	4	4	4	3	4	4	5	0	3.25
Helenium	Mariachi™ Bandera	P	3	3	3	3	3	4	3	3	3.87
		F	0	0	0	0	0	3	4	0	1.47
Heuchera	NORTHERN EXPOSURE™ Amber	P	3	3	3	3	3	3	4	3	2.72
		F	0	0	0	0	0	0	0	0	0.7
Heuchera	NORTHERN EXPOSURE™ Lime	P	3	3	3	3	3	3	4	3	3.72
		F	2	3	2	0	0	0	0	0	2.5
Heuchera	NORTHERN EXPOSURE™ Silver	P	3	3	3	3	4	3	5	2	3.2
		F	0	0	0	0	0	3	5	0	1.6
Hibiscus	SUMMERIFIC® Cherry Choco Latte	P	3	3	3	3	3	5	4	2	4.2
		F	0	0	0	0	4	4	4	0	1.9
Iberis	Snowsation	P	3	3	3	3	3	3	3	3	3.45
		F	2	2	0	0	2	0	0	0	2.05
Kniphofia	Mango Popsicle™	P	3	3	3	5	3	3	3	2	3.67
		F	0	3	0	5	3	2	0	0	2.47
Kniphofia	Redhot Popsicle™	P	3	3	4	5	3	3	3	2	3.65
		F	0	0	4	5	3	2	1	0	2.52
Lamium	Lami™ Dark Purple	P	3	4	3	3	3	4	3	3	4.45
		F	2	5	3	3	3	4	3	1	4.25
Lamium	Lami™ Mega Purple	P	3	3	3	3	3	4	3	3	4.42
		F	0	3	3	0	3	4	2	0	2.82
Leucanthemum	Lucille™ White	P	3	3	3	3	2	3	3	3	2.9
		F	0	0	3	3	3	1	2	0	1.9
Lewisia	CONSTANT™ Coral	P	2	3	3	3	2	2	3	3	2.39
		F	0	3	0	0	0	0	0	0	0.87
Miscanthus	Bandwidth	P	3	3	3	4	4	5	4	3	4
		F	0	0	0	0	0	0	0	0	0
Monarda	Pochahontas Red Rose	P	1	1	1	1	1	1	1	1	1.93
		F	0	0	0	0	0	0	0	0	0.4
Monarda	Pocahontas Pink	P	3	3	3	3	3	3	2	2	3.9
		F	0	0	0	3	3	3	0	0	1.72

*P indicates plant rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

*F indicates flower rating on a scale of 0 to 5.

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2017

Coordinator Plant and Flower Ratings for 2017

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Monarda	Pochahontas Purple Rose	P	2	2	2	2	2	2	1	2	2.04
		F	0	0	0	0	0	1	0	0	0.12
Monarda	Bee-You™ Bee-Merry	P	3	3	4	5	3	3	2	2	3.87
		F	0	0	4	5	3	0	0	0	2.36
Monarda	Pocahontas White Blush	P	3	3	3	3	3	3	2	2	4.01
		F	0	0	0	3	3	3	1	0	1.65
Mukgenia	Nova™ Flame	P	3	3	3	3	3	3	3	2	2.97
		F	0	0	0	0	0	0	0	0	1.5
Nepeta	Aroma Violet	P	3	2	3	3	3	2	3	3	2.9
		F	3	0	3	0	3	2	3	0	3.21
Phlox	Cherry Cream	P	3	3	2	3	5	4	2	2	3.7
		F	0	0	3	3	5	3	2	0	2.15
Rudbeckia	American Gold Rush	P	3	3	3	3	3	4	5	3	3.47
		F	0	0	0	0	3	4	5	0	2.03
Salvia	Shangri-la sage	P	5	4	2	3	3	3	3	3	3.3
		F	5	4	0	0	0	0	0	0	1.82
Salvia	Rose Marvel	P	5	4	3	3	3	4	2	3	3.37
		F	5	4	0	1	3	3	1	0	2.47
Salvia	Sallyrosa™ Jumbo Pink	P	3	3	3	3	3	3	2	3	3.37
		F	1	3	0	0	0	0	1	0	2.52
Salvia	April Night	P	5	3	3	3	3	3	3	3	3.35
		F	5	3	0	2	3	0	2	0	2.07
Salvia	Spring King	P	5	3	3	3	3	3	2	3	3.32
		F	5	3	0	2	3	0	1	0	2.05
Scrophularia	Cardinale™ Red	P	3	4	4	3	3	3	3	3	3.85
		F	0	4	4	4	4	4	3	0	3.72
Sedum	Peace and Joy	P	3	3	3	3	4	4	2	3	2.82
		F	0	0	3	0	0	3	3	2	1.47
Veronica	Ronica™ Blue	P	2	2	2	3	2	3	2	2	2.4
		F	0	0	0	1	3	2	1	0	1.37
Veronica	Ronica™ Fuchsia	P	3	3	4	5	4	4	3	2	4.4
		F	0	2	4	4	4	4	1	0	3.92

*P indicates plant rating on a scale of 0 to 5.

*F indicates flower rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Achnatherum calamagrostis	UNDAUNTED® Alpine Plume Grass	Plant Select®		H: 91 W: 91	2018
	Rating June: 2.0	Comments: Small grass, few are weak			
	Rating July: 4.5	Comments: Attractive compact grass with tan colored seed heads(plumes)			
	Rating Aug.: 3.75	Comments: Interesting seed head, compact			
	Rating Sept.: 3	Comments: Compact grass			
# Planted: 16					
% Survived: 88					
	Additional Comments:	Modest vigor, uniform habit, showy flower/seed heads nice flower			
Agastache	Sunrise™ Blue	Green Fuse Botanicals	purple	H: 84 W: 117	2018
	Rating June: 1.5	Comments: Non-uniform habit, poor-survival			
	Rating July: 3.5	Comments: One vigorous plant, few weak plants, covered in light purple flowers, attracts bees			
	Rating Aug.: 3.87	Comments: Good color, some die-off			
	Rating Sept.: 3.5	Comments: Vigorous, continuous bloomer, fragrant			
# Planted: 17					
% Survived: 47					
	Additional Comments:	Non-uniform, modest color impact, one dead plant, large florets			
Agastache	Sunrise™ Orange	Green Fuse Botanicals	orange	H: 64 W: 91	2018
	Rating June: 2.5	Comments: Non-uniform			
	Rating July: 4.0	Comments: Irregular habit, rounded shape, covered in orange flowers, attracts bees, fragrant			
	Rating Aug.: 4.5	Comments: Covered in flowers, very showy, smells great			
	Rating Sept.: 4	Comments: Pale orange flowers, rounded habit			
# Planted: 18					
% Survived: 28					
	Additional Comments:	Lots of flowers blooming, uniform habit, good foliage color, strong color impact, large florets, flower power			
Allium	Summer Beauty	Stonehouse Nursery, LLC	light pink	H: 76 W: 28	2018
	Rating June: 3.0	Comments: Flat sword like foliage, uniform, flower buds present			
	Rating July: 4.5	Comments: Starting to flower, pale pink/white flowers, covered in bees, uniform			
	Rating Aug.: 4.5	Comments: End of bloom, seed head is attractive			
	Rating Sept.: 5	Comments: Attractive dried seed head			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Uniform, many flowers, tall flower stems (30 inches)			
Allium	Summer Peek-a-Boo®	Stonehouse Nursery, LLC	light pink	H: 42 W: 30	2018
	Rating June: 1.5	Comments: Flat sword like foliage, uniform, flower buds present			
	Rating July: 3.5	Comments: Starting to flower, pale pink/white flowers, covered in bees, two plants of different heights			
	Rating Aug.: 4.37	Comments: End of bloom, some uneven heights in foliage			
	Rating Sept.: 4.5	Comments: Attractive dried seed head			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Uniform, many flowers, short flower stems (12 inches)			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Allium schoenoprasum	Forescate	Stonehouse Nursery, LLC	pink	H: 33 W: 36	2018
	Rating June: 3.0	Comments: Uniform, covered in pale pink pom pom flowers, finished bloomed by end of June, rolled foliage			
	Rating July: 2.0	Comments: Regrowing foliage after cutting back in June			
	Rating Aug.: 1.87	Comments: Mounded foliage, some browning			
	Rating Sept.: 2	Comments: Mounded habit, few flowers			
	# Planted: 18				
	% Survived: 100				
	Additional Comments: Uniform habit, no flowers, good vigor				
Astilbe x	Chocolate Shogun	Eason Horticultural Resources/Creek Hill Nursery	creamy white and pink	H: 12 W: 25	2018
	Rating June: 1.5	Comments: Dark purple foliage, red new growth, non-uniform			
	Rating July: 1.0	Comments: Irregular habit, low vigor, some leaf burn, few flowers			
	Rating Aug.: 1	Comments: Too much sun, leaf scorch			
	Rating Sept.: 1	Comments: Few dying plants, too much sun			
	# Planted: 21				
	% Survived: 29				
	Additional Comments: Low vigor, some dead plants, no flowers				
Clematis hexapetala	Mongolian Snowflakes	Plant Select®	white	H: 15 W: 36	2018
	Rating June: 1.0	Comments: Sparse foliage, low vigor, some yellowing			
	Rating July: 1.0	Comments: Low vigor, some yellowing, no flowers			
	Rating Aug.: 0.62	Comments: Low vigor, not enough sun			
	Rating Sept.: 0.5	Comments: Some yellowing, low vigor, no flowers			
	# Planted: 15				
	% Survived: 20				
	Additional Comments: Leggy, weak, sprawling plants, low vigor, no flowers				
Coreopsis grandiflora	Corey™ Compact Gold	Syngenta	yellow	H: 49 W: 48	2018
	Rating June: 3.0	Comments: Uniform and compact			
	Rating July: 4.0	Comments: Compact habit, covered in yellow flowers, spent blooms are unattractive			
	Rating Aug.: 3.87	Comments: Uniform coverage of flowers, spent flowers are unattractive			
	Rating Sept.: 3.5	Comments: End of bloom, uniform habit			
	# Planted: 18				
	% Survived: 94				
	Additional Comments: Lots of flower buds, uniform habit, long flowering, good color impact though past peak bloom, good foliage color				
Coreopsis rosea	Satin & Lace™ Berry Chiffon	Dummen Orange	cream with fuchsia center	H: 55 W: 54	2018
	Rating June: 1.5	Comments: Non-uniform, slow regrowth			
	Rating July: 1.5	Comments: Non-uniform habit, covered in flowers and buds			
	Rating Aug.: 3.5	Comments: White/dark pink blooms, some stem lodging, covered in flowers			
	Rating Sept.: 3.5	Comments: Lodging stems, end of bloom			
	# Planted: 18				
	% Survived: 28				
	Additional Comments: Plants lodging with overhead irrigation, many brightly colored flowers				

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Coreopsis rosea	Satin & Lace™ Red Chiffon	Dummen Orange	yellow with burgundy center	H: 54 W: 66	2018
	Rating June: 1.5	Comments: Non-uniform foliage, some yellowing, few with low vigor			
	Rating July: 1.5	Comments: Uniform habit, few buds			
	Rating Aug.: 3.75	Comments: Uniform, covered in flowers			
	Rating Sept.: 4	Comments: Covered in flowers, uniform			
# Planted: 18					
% Survived: 17					
	Additional Comments:	Uniform habit, good color impact, many flowers, good foliage color			
Coreopsis rosea	Satin & Lace™ Red Tapestry	Dummen Orange	yellow with red center	H: 40 W: 48	2018
	Rating June: 1.5	Comments: Non-uniform, slow regrowth			
	Rating July: 1.5	Comments: Covered in red/yellow blooms, rounded habit			
	Rating Aug.: 4.12	Comments: Full bloom, great habit and impact			
	Rating Sept.: 3.5	Comments: Lodging stems, lots of flowers			
# Planted: 18					
% Survived: 61					
	Additional Comments:	Lots of blooms, uniform habit, many blooms, showy awesome flower power			
Coreopsis x hybrida	Big Bang Sun Splash	Dummen Orange	yellow with red center	H: 49 W: 72	2018
	Rating June: 1.5	Comments: Non-uniform, some yellowing			
	Rating July: 1.5	Comments: Irregular habit, multiple colored blooms, some reversion back to solid yellow blooms			
	Rating Aug.: 3.5	Comments: Some reversion to yellow, covered in flowers			
	Rating Sept.: 3	Comments: Covered in flowers			
# Planted: 18					
% Survived: 39					
	Additional Comments:	Uniform habit, many blooms, showy			
Coreopsis x hybrida	Little Bang Red Enchanted Eve	Dummen Orange	eve	H: 54 W: 64	2018
	Rating June: 1.5	Comments: Non-uniform foliage, some yellowing			
	Rating July: 1.5	Comments: Uniform, covered in buds			
	Rating Aug.: 4	Comments: Uniform, covered in flowers			
	Rating Sept.: 4	Comments: Covered in flowers			
# Planted: 18					
% Survived: 22					
	Additional Comments:	Uniform habit, good color impact, many flowers, good foliage color			
Corydalis flexuosa	Hillier™ Porcelain Blue	Eason Horticultural Resources/Skagit Gardens	blue	H: 31 W: 32	2018
	Rating June: 3.0	Comments: Non-uniform, pale blue funnel shaped flowers			
	Rating July: 1.5	Comments: Irregular mounded habit, few blue trumpet shaped flowers, one weak plant			
	Rating Aug.: 1.12	Comments: Low vigor, compact			
	Rating Sept.: 4	Comments: Non-uniform, no flowers			
# Planted: 18					
% Survived: 11					
	Additional Comments:	True blue flower color, plants lack vigor, little impact as either foliage or flowering plant			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Delphinium	Red Lark	Darwin Perennials	peachy pink	H: 70 W: 30	2018
	Rating June: 2.5	Comments: Non-uniform, yellowing foliage			
	Rating July: 4.5	Comments: Irregular form, non-uniform coverage of flowers, some yellowing			
	Rating Aug.: 2.37	Comments: Unattractive plant with yellowing foliage			
	Rating Sept.: 2	Comments: Few weak plants			
# Planted: 18					
% Survived: 61					
	Additional Comments:	Lots of flower buds, love the flower color, plants lack vigor and durability			
Delphinium elatum	Delphina™ Dark Blue Black Bee	Syngenta	purple with black center	H: 41 W: 36	2018
	Rating June: 4.0	Comments: Dark blue/purple flowers on tall stalks, flowers lodge with overhead irrigation, one plant is dying			
	Rating July: 3.0	Comments: Severe hail damage to foliage, cut back foliage in beginning of July, new growth is yellow			
	Rating Aug.: 3.25	Comments: Attractive secondary bloom, chlorotic			
	Rating Sept.: 3	Comments: Some yellowing foliage, dark purple flowers			
# Planted: 18					
% Survived: 72					
	Additional Comments:	Uniform habit, modest color impact, stems too weak for weight of flower heads, some breakage evident, chlorotic			
Delphinium elatum	Delphina™ Dark Blue White Bee	Syngenta	dark blue with white center	H: 10 W: 33	2018
	Rating June: 4.0	Comments: Only one plant!, one flower stalk with dark blue flowers			
	Rating July: 4.5	Comments: Only one plant, dark blue flowers			
	Rating Aug.: 1.66	Comments: Hail damage to leaves, no flowers			
	Rating Sept.: 2	Comments: Some yellowing foliage			
# Planted: 18					
% Survived: 6					
	Additional Comments:	Based off one plant but flower color stands out			
Delphinium elatum	Delphina™ Rose White Bee	Syngenta	pale pink with white center	H: 41 W: 36	2018
	Rating June: 4.0	Comments: Yellowing foliage, pale pink flowers on tall stalks, some lodging of flower stems			
	Rating July: 1.0	Comments: Severe hail damage to foliage, cut back in beginning of July, new growth is chlorotic, few buds			
	Rating Aug.: 2.41	Comments: Reblooming, chlorotic foliage			
	Rating Sept.: 1	Comments: Chlorotic foliage, few new pale pink flowers			
# Planted: 18					
% Survived: 72					
	Additional Comments:	Iron chlorosis evident, weak plants, non-uniform, attractive flower color			
Dianthus	Constant Beauty™ Pink	Green Fuse Botanicals	pink	H: 7 W: 11	2018
	Rating June: 1.0	Comments: Non-uniform foliage, low vigor			
	Rating July: 0.5	Comments: Low vigor, no flowers			
	Rating Aug.: 0.87	Comments: Low vigor, mounded			
	Rating Sept.: 0.5	Comments: Small mounds, no flowers			
# Planted: 18					
% Survived: 33					
	Additional Comments:	Few weak plants, no flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Constant Cadence® Milk Cherry	Green Fuse Botanicals	dark pink fades to white	H: 6 W: 12	2018
	Rating June: 1.0	Comments: Non-uniform, sparse foliage			
	Rating July: 0.5	Comments: Mounded habit, low vigor			
	Rating Aug.: 1.25	Comments: Low vigor, compact, few dark pink flowers			
	Rating Sept.: 0.5	Comments: Multi-colored flowers, compact			
# Planted:	18				
% Survived:	17				
	Additional Comments:	2 plants			
Dianthus	Constant Promise® White	Green Fuse Botanicals	white	H: W:	2018
	Rating June: 2.5	Comments: Some yellowing, few white double flowers			
	Rating July: 2.0	Comments: Dying, low vigor			
	Rating Aug.: 1.16	Comments: Dying/one dead plant			
	Rating Sept.: 2	Comments: Dead			
# Planted:	11				
% Survived:	36				
	Additional Comments:	Some flowers but lots of buds, one dead plant			
Dianthus	Odessa Nicky	Dummen Orange	fuchsia	H: 25 W: 38	2018
	Rating June: 3.0	Comments: Dark pink double flower, pale green foliage, non-uniform			
	Rating July: 3.0	Comments: Irregular mounded habit, uniform coverage of flowers			
	Rating Aug.: 3.12	Comments: Some die-off, dark red/purple flower, irregular mounds			
	Rating Sept.: 3	Comments: Non-uniform, some flowers			
# Planted:	8				
% Survived:	63				
	Additional Comments:	Modest size plants with some flowers			
Dianthus	Sunflor Kaylee	Dummen Orange	light pink with dark pink eye	H: 7 W: 14	2018
	Rating June: 2.5	Comments: Only two plants!, non-uniform, some yellowing			
	Rating July: 2.5	Comments: Poor health, few flowers			
	Rating Aug.: 1.16	Comments: Low vigor			
	Rating Sept.: 1.5	Comments: Few flowers, low vigor			
# Planted:	8				
% Survived:	25				
	Additional Comments:	2 small plants, no flowers			
Dianthus	Sunflor Lilac Charmy	Dummen Orange	pink with red center	H: 15 W: 23	2018
	Rating June: 2.5	Comments: Low vigor, non-uniform, few pink double flowers			
	Rating July: 2.5	Comments: Low vigor, irregular form, few flowers			
	Rating Aug.: 1.37	Comments: Irregular form, reblooming			
	Rating Sept.: 1.5	Comments: Non-uniform, few flowers			
# Planted:	8				
% Survived:	38				
	Additional Comments:	Small plants, few flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Sunflor Pink Faganza	Dummen Orange	light pink	H: 7 W: 22	2018
	Rating June: 2.5	Comments: Poor survival, pale pink flowers			
	Rating July: 1.0	Comments: Low vigor, dying			
	Rating Aug.: 0.5	Comments: One dying plant			
	Rating Sept.: 0.5	Comments: One sinlge plant that is dying			
# Planted:	8				
% Survived:	25				
	Additional Comments:	Some plants did not make it but nice flower, one weak plant			
Dianthus	Sunflor YFKE	Dummen Orange	pink	H: 14 W: 26	2018
	Rating June: 3.0	Comments: Some winter damage, few pale pink flowers, silver green foliage			
	Rating July: 3.0	Comments: Irregular mounded habit, few flowers			
	Rating Aug.: 2	Comments: Irregular mounds, few pink flowers			
	Rating Sept.: 2.5	Comments: Non-uniform, few flowers, some browning foliage			
# Planted:	8				
% Survived:	75				
	Additional Comments:	Few weak plants, few flowers			
Echinacea	Moodz Courage	Hilverdakooij	dark pink	H: 44 W: 36	2018
	Rating June: 1.5	Comments: Yellowing foliage, non-uniform			
	Rating July: 4.0	Comments: Compact, dark pink blooms with brown cone			
	Rating Aug.: 4	Comments: Compact, dense habit			
	Rating Sept.: 4	Comments: Faded flower is unattractive, some yellowing			
# Planted:	18				
% Survived:	50				
	Additional Comments:	Flower buds are about to open, many flowers on uniform compact plants			
Echinacea	Moodz Dream	Hilverdakooij	yellow	H: 49 W: 38	2018
	Rating June: 2.0	Comments: Non-uniform foliage			
	Rating July: 2.0	Comments: Non-uniform, gold colored blooms			
	Rating Aug.: 4	Comments: Some die-off on front but good bloom uniformity/coverage			
	Rating Sept.: 4.5	Comments: Flower fades to white, non-uniform			
# Planted:	18				
% Survived:	68				
	Additional Comments:	Flower buds are about to open, many flowers that quickly fade from bright yellow to cream, not uniform			
Echinacea	Prairie Splendor™ Compact Rose	Syngenta	pink to rose	H: 52 W: 51	2018
	Rating June: 2.5	Comments: Non-uniform, some yellowing			
	Rating July: 1.5	Comments: Compact height, uniform coverage of pink flowers			
	Rating Aug.: 3.5	Comments: Covered in large blooms			
	Rating Sept.: 3	Comments: Some yellowing, flowers burying their dead			
# Planted:	18				
% Survived:	100				
	Additional Comments:	Good vigor and uniform habit, many flowers, spent flowers are not attractive			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

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Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea	Prairie Splendor™ Compact White	Syngenta	white	H: 40 W: 37	2018
	Rating June: 2.5	Comments: Non-uniform			
	Rating July: 1.5	Comments: Irregular form, few white flowers			
	Rating Aug.: 3	Comments: Low survival, covered in white flowers			
	Rating Sept.: 3	Comments: Non-uniform, white flowered			
# Planted:	18				
% Survived:	28				
	Additional Comments:	Some dead/missing plants, many flowers, compact habit			
Echinacea	Sombrero® Tres Amigos	Darwin Perennials	red	H: 45 W: 22	2018
	Rating June: 1.5	Comments: Poor survival, non-uniform, some yellowing foliage			
	Rating July: 1.5	Comments: Multi-colored flowers with red and pink variations, uniform habit			
	Rating Aug.: 4.12	Comments: Some die-off, great flower color			
	Rating Sept.: 3.5	Comments: Lodging of stems, covered in dark pink/red blooms			
# Planted:	18				
% Survived:	67				
	Additional Comments:	Good vigor, clean foliage, intense flower color, many flowers wow! Great range of color, many flowers, lodging			
Echinacea	KISMET® Red	Terra Nova Nurseries	shades of red	H: 42 W: 26	2018
	Rating June: 1.0	Comments: Very chlorotic foliage, slow regrowth			
	Rating July: 1.5	Comments: Pale red fades to orange, uniform, covered in flowers			
	Rating Aug.: 3.87	Comments: Long flower stalks, intense color! Good survival and habit			
	Rating Sept.: 3	Comments: Attractive bloom fade			
# Planted:	12				
% Survived:	100				
	Additional Comments:	Has iron deficiency, faded flowers compliment new ones giving an overall pleasing effect, modest vigor, clean foliage, rich shades of red			
Echinacea	KISMET® Yellow	Terra Nova Nurseries	yellow	H: 46 W: 14	2018
	Rating June: 2.5	Comments: Non-uniform			
	Rating July: 1.5	Comments: One plant is the incorrect variety, dark yellow flowers			
	Rating Aug.: 3	Comments: Only one plant, dark yellow blooms			
	Rating Sept.: 3	Comments: Low vigor, dark yellow flowers			
# Planted:	12				
% Survived:	17				
	Additional Comments:	Flower buds are about to show, one plant left			
Echinacea purpurea	Mellow Yellows	Jelitto Perennial Seed	yellow	H: 57 W: 28	2018
	Rating June: 1.5	Comments: Yellowing foliage, non-uniform			
	Rating July: 1.5	Comments: Non-uniform, pale peach blooms fade to white			
	Rating Aug.: 3.5	Comments: Great color, seems to be reverting to white			
	Rating Sept.: 3.5	Comments: Flower fades to white			
# Planted:	18				
% Survived:	28				
	Additional Comments:	Flower buds are about to open, love the different shades of yellow, yellow flower color quickly fades to cream, many flowers, good foliage color			

*Height and width measurements in inches.

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Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Epimedium x rubrum	Galadriel	Eason Horticultural Resources/Creek Hill Nursery	pink	H: 16 W: 28	2018
	Rating June:	1.5	Comments:	Poor survival, uniform habit	
	Rating July:	1.5	Comments:	Dark green foliage, low vigor, mounded habit	
	Rating Aug.:	1.25	Comments:	Low survival, low vigor	
	Rating Sept.:	1.5	Comments:	Dark green foliage, mounded, non-uniform	
# Planted:	18				
% Survived:	44				
	Additional Comments:	Variable vigor, some dead plants, non-uniform habit, chlorosis, general unhappiness			
Eryngium	B100B504	Must Have Perennials	purple	H: 90 W: 88	2018
	Rating June:	3.5	Comments:	Dark green foliage, interesting flower head	
	Rating July:	4.0	Comments:	Attractive flower head with hints of purple, dark green foliage, attractive in late summer	
	Rating Aug.:	3.5	Comments:	End of bloom, uneven habit	
	Rating Sept.:	2	Comments:	Seed head turns brown, some die-off to ground	
# Planted:	18				
% Survived:	89				
	Additional Comments:	Spent flowers are unattractive and plants appear gangly, interesting, textural, shines/glow in sun			
Gaillardia aristata	Barbican™ Yellow Red Ring	Syngenta	red with yellow edge	H: 31 W: 3	2018
	Rating June:	2.5	Comments:	Non-uniform habit	
	Rating July:	4.0	Comments:	Few weak plants, mounded, compact, starting to bloom	
	Rating Aug.:	3.62	Comments:	Some exposed middles, non-uniform, loads of attractive blooms	
	Rating Sept.:	4	Comments:	Lodging of stems, still blooming	
# Planted:	18				
% Survived:	61				
	Additional Comments:	Lots of flower buds, just not open yet, uniform habit, many flowers, weak stems, center of plants exposed due to lodging			
Gaura lindheimeri	Cool Breeze	Jelitto Perennial Seeds	white	H: 86 W: 91	2018
	Rating June:	1.5	Comments:	Non-uniform growth	
	Rating July:	1.0	Comments:	Lodging of stems due to the weight of hail	
	Rating Aug.:	1.87	Comments:	Odd habit, not sturdy enough, few flower buds	
	Rating Sept.:	4	Comments:	Large perennial with long stems, white flowers along stems	
# Planted:	18				
% Survived:	94				
	Additional Comments:	Some lodging due to overhead irrigation, very few flowers, too wild			
Geranium	B150B536	Must Have Perennials	white speckled with blue	H: 76 W: 55	2018
	Rating June:	5.0	Comments:	Vigorous, multi-colored petals	
	Rating July:	3.5	Comments:	Severe hail damage to foliage, cut back foliage in beginning of July, new growth is healthy, white clustered flowers	
	Rating Aug.:	3.37	Comments:	Rebloomed after hail, multi-colored petals, good second set of flowers	
	Rating Sept.:	3	Comments:	Powdery mildew on old growth, reblooming	
# Planted:	10				
% Survived:	100				
	Additional Comments:	Purple spots in flower, uniform habit, modest color impact, foliage holds up well in full sun, good vigor, heavy flower production, not all clean white flowers, brown when spent, heavy rain lodges stems			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Geranium	B150B537	Must Have Perennials	dark pink	H: 46 W: 57	2018
	Rating June: 3.0	Comments: Uniform, pale pink with white centered flowers			
	Rating July: 2.0	Comments: Some leaf damage from hail, no flowers, yellowing			
	Rating Aug.: 1.37	Comments: Yellowing foliage, unattractive			
	Rating Sept.: 1	Comments: Leaf burn			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Uniform habit, good vigor, no flowers, foliage subject to burn in too much sun, chlorotic			
Helenium autumnale	Salud™ Embers	Darwin Perennials	yellow with red center	H: 65 W: 64	2018
	Rating June: 1.5	Comments: Uniform foliage			
	Rating July: 1.5	Comments: Non-uniform foliage			
	Rating Aug.: 2.75	Comments: Small flower, non-uniform habit, orange-yellow flower			
	Rating Sept.: 3.5	Comments: Attractive multiple colored blooms, non-uniform habit			
# Planted: 18					
% Survived: 22					
	Additional Comments:	Uniform habit, heavy bloom, bronze with red center, clean foliage, very strong color impact, good vigor			
Helenium autumnale	Salud™ Golden	Darwin Perennials	yellow with orange center	H: 118 W: 115	2018
	Rating June: 2.0	Comments: Uniform foliage			
	Rating July: 2.0	Comments: Uniform growth			
	Rating Aug.: 4	Comments: Good height and structure, full bloom of yellow flowers			
	Rating Sept.: 4	Comments: Non-uniform, vigorous, covered in dark yellow blooms			
# Planted: 18					
% Survived: 61					
	Additional Comments:	Uniform habit, stunning floral display, strong color impact, deep green, clean foliage, yellow flowers with red center			
Helenium autumnale	Salud™ Yellow	Darwin Perennials	yellow	H: 76 W: 48	2018
	Rating June: 1.5	Comments: Non-uniform, dark red stems			
	Rating July: 1.5	Comments: Non-uniform growth			
	Rating Aug.: 2.62	Comments: Nice green color but significant die-off for 2nd year, non-uniform, yellow flower			
	Rating Sept.: 3.5	Comments: Bright yellow flowers, being overtaken by Salud Golden			
# Planted: 18					
% Survived: 22					
	Additional Comments:	Uniform habit, strong floral display and color impact, good vigor, clean yellow with yellow center			
Heliopsis helianthoides var. scabra	Bleeding Hearts	Jelitto Perennial Seed	orange,yellow, red	H: 104 W: 110	2018
	Rating June: 1.5	Comments: Dark purple/green foliage, non-uniform			
	Rating July: 4.5	Comments: Sparse foliage, few weak plants, beginning to flower, dark gold to orange blooms			
	Rating Aug.: 4.37	Comments: Attractive dark foliage, multiple colored blooms, some die-off in middle, good height			
	Rating Sept.: 4.5	Comments: Lodging of stems, dark purple foliage, covered in yellow/orange/red blooms			
# Planted: 18					
% Survived: 68					
	Additional Comments:	Rangy habit affected by overhead irrigation, stunning and gold color impact, many flowers, dark green foliage sets off flowers well, lodging			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

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Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Helleborus	Gold Collection® Ice N' Roses® Red	Skagit Horticulture		H: 22 W: 30	2018
	Rating June: 1.0	Comments: Poor-survival from late fall planting, non-uniform, dark green foliage			
	Rating July: 3.0	Comments: Some new leaves, low vigor			
	Rating Aug.: 2	Comments: Dark green foliage			
	Rating Sept.: 3.5	Comments: Uniform			
# Planted:	18				
% Survived:	78				
	Additional Comments:	Low vigor, no flowers			
Helleborus	Gold Collection® Ice N' Roses® White	Skagit Horticulture	pale green and white	H: 28 W: 44	2018
	Rating June: 1.5	Comments: Uniform habit, pale green/white flowers, lots of new growth			
	Rating July: 1.5	Comments: Mounded habit, uniform, no flowers			
	Rating Aug.: 1.75	Comments: Dark green foliage, few pale green flowers			
	Rating Sept.: 1.5	Comments: Uniform, few pale green flowers			
# Planted:	18				
% Survived:	61				
	Additional Comments:	Uniform habit, few flowers, modest vigor			
Heuchera	DOLCE® Spearmint	Walters Gardens, Inc. /Proven Winners®	dark pink	H: 26 W: 46	2018
	Rating June: 4.0	Comments: Good contrast of colors, vibrant hot pink flower with pale green/blue foliage			
	Rating July: 3.0	Comments: Mounded habit, attractive foliage with dark pink blooms			
	Rating Aug.: 3.54	Comments: Mounded habit, dead head spent flowers			
	Rating Sept.: 3	Comments: Insect damage on leaves, attractive foliage			
# Planted:	3				
% Survived:	100				
	Additional Comments:	Uniform habit, attractive silver-green foliage			
Heuchera	FOREVER™ 'Red'	Terra Nova Nurseries	pink	H: 17 W: 39	2018
	Rating June: 1.5	Comments: Poor survival, non-uniform, dark orange foliage			
	Rating July: 1.5	Comments: Irregular mounds, reddish orange foliage			
	Rating Aug.: 1.37	Comments: Low survival, interesting red hues			
	Rating Sept.: 1.5	Comments: Vibrant red new growth			
# Planted:	12				
% Survived:	33				
	Additional Comments:	Low vigor, some plants died, attractive foliage color blend, only four plants left			
Heuchera	Lemon Love	Walters Gardens, Inc. /Proven Winners®	pink	H: 28 W: 71	2018
	Rating June: 1.5	Comments: Uniform habit, lemon yellow foliage, few flower stalks			
	Rating July: 4.0	Comments: Vigorous mounded habit, lime green foliage			
	Rating Aug.: 2.79	Comments: Vigorous growth, mounded			
	Rating Sept.: 3.5	Comments: Lemon yellow foliage, mounded			
# Planted:	3				
% Survived:	100				
	Additional Comments:	Vigorous, uniform habit, attractive light green foliage, no flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

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Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Heuchera	NORTHERN EXPOSURE™ Black	Terra Nova Nurseries	creamy white and pink	H: 27 W: 49	2018
	Rating June: 3.5	Comments: Dark red foliage, uniform shape			
	Rating July: 1.5	Comments: Dark purple/black foliage, few dark pink flower stalks, mounded			
	Rating Aug.: 2.66	Comments: Dark purple foliage			
	Rating Sept.: 3	Comments: Dark purple foliage			
# Planted:	12				
% Survived:	100				
	Additional Comments:	Attractive dark purple-black foliage, uniform, good vigor			
Heucherella	Onyx	Terra Nova Nurseries	creamy white	H: 10 W: 26	2018
	Rating June: 1.5	Comments: Two plants are very small, dark red/purple foliage			
	Rating July: 1.5	Comments: One strong plant with dark purple/black foliage			
	Rating Aug.: 1.5	Comments: Low vigor, two weak plants			
	Rating Sept.: 1.5	Comments: Non-uniform			
# Planted:	12				
% Survived:	17				
	Additional Comments:	one plant left			
Hosta	SHADOWLAND™ Diamond Lake	Walters Gardens, Inc. /Proven Winners®	pale lavender	H: 27 W: 45	2018
	Rating June: 2.5	Comments: Uniform habit, pale green/blue foliage			
	Rating July: 2.5	Comments: Hail damage to leaves, light purple blooms			
	Rating Aug.: 2.08	Comments: Some leaf damage, some yellowing, pale purple flowers			
	Rating Sept.: 2.5	Comments: Few damaged leaves, some yellowing, pale purple flowers			
# Planted:	3				
% Survived:	100				
	Additional Comments:	Flower buds are about to open, uniform habit, few flowers but large florets, foliage appears chorotic			
Leucanthemum	Adorable	Terra Nova Nurseries	white	H: 30 W: 27	2018
	Rating June: 1.5	Comments: Some yellowing foliage, slow growth			
	Rating July: 1.0	Comments: Non-uniform, white flower petals with serrated edge			
	Rating Aug.: 3	Comments: Interesting serrated edge to white petals			
	Rating Sept.: 3	Comments: Some insect damage to foliage, few flowers			
# Planted:	12				
% Survived:	8				
	Additional Comments:	Flower has a more ruffled look to it, only one plant of each, off white			
Leucanthemum	Coconut	Terra Nova Nurseries	soft yellow	H: 41 W: 31	2018
	Rating June: 1.5	Comments: Slow growth			
	Rating July: 1.0	Comments: Pale yellow white flowers with double petals in center, uniform			
	Rating Aug.: 3.5	Comments: Soft yellow double bloom, rounded habit			
	Rating Sept.: 3	Comments: Loads of flowers but spent flowers are unattractive			
# Planted:	12				
% Survived:	25				
	Additional Comments:	Many double flowers, off white color looks dirty, three plants left			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Leucanthemum	Lancaster® Darling Daisy® Supreme	Green Fuse Botanicals	white	H: 29 W: 23	2018
	Rating June: 3.0	Comments: Slow regrowth, non-uniform			
	Rating July: 1.5	Comments: Non-uniform, covered in white flowers			
	Rating Aug.: 3.16	Comments: Only one plant, few white flowers			
	Rating Sept.: 3.5	Comments: Some yellowing foliage			
# Planted: 11					
% Survived: 9					
	Additional Comments:	Only one plant			
Leucanthemum maximum	Birdy	Dummen Orange	white	H: 55 W: 49	2018
	Rating June: 3.5	Comments: Fairly uniform growth			
	Rating July: 4.5	Comments: Uniform coverage of white flowers			
	Rating Aug.: 3.37	Comments: Secondary blooms, some insect damage on leaves			
	Rating Sept.: 4	Comments: Uniform, dark green foliage, some aphid damage			
# Planted: 18					
% Survived: 94					
	Additional Comments:	Uniform habit, nice intermediate size between tall and dwarf varieties, good foliage color, few flowers, some repeat flowering			
Leucanthemum maximum	Sweet Daisy Sofie	Dummen Orange	white	H: 32 W: 21	2018
	Rating June: 1.5	Comments: Non-uniform growth, dark green foliage			
	Rating July: 3.0	Comments: Unique trumpet shaped petals on classic daisy flower			
	Rating Aug.: 2.75	Comments: Trumpet shaped petals, reblooming			
	Rating Sept.: 3	Comments: Non-uniform, few flowers			
# Planted: 18					
% Survived: 56					
	Additional Comments:	Flowers spoon type, past peak bloom			
Leucanthemum maximum	Western Star™ Leo	Syngenta	white	H: 29 W: 27	2018
	Rating June: 3.0	Comments: Poor survival, non-uniform, few white flowers			
	Rating July: 4.0	Comments: Compact height, uniform coverage of flowers, some aphid damage			
	Rating Aug.: 1.66	Comments: Insect damage, too much shade			
	Rating Sept.: 2.5	Comments: Few dead plants, some insect damage			
# Planted: 18					
% Survived: 83					
	Additional Comments:	Dead/dying plants, no flowers			
Leucanthemum maximum	Western Star™ Taurus	Syngenta	white	H: 44 W: 30	2018
	Rating June: 4.0	Comments: Non-uniform, few white flowers			
	Rating July: 3.5	Comments: Irregular habit, insect damage, some yellowing			
	Rating Aug.: 1.5	Comments: Insect damage, too much shade			
	Rating Sept.: 1.5	Comments: Non-uniform habit, no flowers			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Low vigor, dying plants, few flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Lychnis	Petit Henri	Must Have Perennials	white	H: 16 W: 30	2018
	Rating June: 2.5	Comments: Lots of small white flowers, yellowing foliage			
	Rating July: 1.0	Comments: Low vigor, mounded habit, few white flowers			
	Rating Aug.: 1.37	Comments: Non-uniform			
	Rating Sept.: 1	Comments: Non-uniform			
# Planted: 18					
% Survived: 78					
	Additional Comments:	Non-uniform, some dead plants, no flowers, variable vigor			
Monarda	Marje® Purple	Green Fuse Botanicals	dark pink	H: 82 W: 54	2018
	Rating June: 1.5	Comments: Uniform habit			
	Rating July: 2.0	Comments: Beginning to bloom, dark pink flowers, uniform			
	Rating Aug.: 4	Comments: Upright, good structure, covered in dark pink blooms			
	Rating Sept.: 3.5	Comments: End of bloom, uniform habit			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Uniform habit, good vigor, clean foliage, past peak flowering but still moderately good color impact			
Penstemon	DAKOTA™ Burgundy'	Terra Nova Nurseries	lavender	H: 87 W: 46	2018
	Rating June: 5.0	Comments: Attractive purple/green foliage, uniform, many flower buds			
	Rating July: 5.0	Comments: Dark purple green foliage, load of pale pink flowers			
	Rating Aug.: 3.5	Comments: Attractive foliage, very vigorous for second year			
	Rating Sept.: 5	Comments: Attractive seed head, dark purple/green foliage			
# Planted: 12					
% Survived: 100					
	Additional Comments:	Good leaf color brings out the flower color, uniform habit, attractive deep green purple foliage, stands up well to overhead irrigation, no repeat flower			
Penstemon	DAKOTA™ Verde	Terra Nova Nurseries	lavender	H: 101 W: 45	2018
	Rating June: 5.0	Comments: Green foliage with dark red stems, lots of pale pink flowers			
	Rating July: 4.0	Comments: Uniform green foliage			
	Rating Aug.: 2.87	Comments: Dark green foliage, few new blooms, vigorous			
	Rating Sept.: 4	Comments: Attractive seed head, dark green foliage			
# Planted: 12					
% Survived: 100					
	Additional Comments:	Bees are very happy with this plant. Lots of blooms, uniform habit, deep green foliage, stands up well to overhead irrigation, some repeat flowering			
Phlox paniculata	Early® Pink Candy	Dummen Orange	pink and white striped with red eye	H: 49 W: 36	2018
	Rating June: 2.5	Comments: Fairly uniform growth			
	Rating July: 3.5	Comments: Some variants in flower color, yellowing foliage			
	Rating Aug.: 3.5	Comments: Chlorotic foliage, many flowers, good flower size, variation of pink hues, some chlorosis			
	Rating Sept.: 3.5	Comments: Powdery mildew present, non-uniform			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Flowers are starting to open, non-uniform, past peak flowering, small florets, powdery mildew			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Phlox paniculata	Early® Purple Pink Eye	Dummen Orange	light purple with red eye	H: 55 W: 47	2018
	Rating June: 1.5	Comments: Non-uniform growth, few plants died			
	Rating July: 3.5	Comments: Varying heights, light purple flowers with dark pink centers, one weak plant			
	Rating Aug.: 3.5	Comments: Some die-off at bottom, faded blooms are unattractive			
	Rating Sept.: 3.5	Comments: Irregular habit, powdery mildew present on flower heads			
# Planted:	18				
% Survived:	61				
	Additional Comments:	Some plants are not doing well, uniform habit, clean foliage, past peak flowering, small florets, powdery mildew			
Phlox paniculata	Ka-Pow® Lavender	Darwin Perennials	lavender	H: 63 W: 38	2018
	Rating June: 1.5	Comments: Uniform, dark red stems			
	Rating July: 1.5	Comments: Varying heights, lavender blooms, sparse coverage of flowers			
	Rating Aug.: 4	Comments: Vigorous, uniform flowering			
	Rating Sept.: 4.5	Comments: End of bloom, uniform habit			
# Planted:	18				
% Survived:	100				
	Additional Comments:	Compact, vigorous, uniform habit, past peak flowering, clean foliage, no sign of disease			
Phlox paniculata	Ka-Pow® Pink	Darwin Perennials	pink	H: 64 W: 48	2018
	Rating June: 3.0	Comments: Pale green foliage, fairly uniform			
	Rating July: 4.0	Comments: Uniform coverage of pink flowers			
	Rating Aug.: 4	Comments: Good habit and flower color			
	Rating Sept.: 4	Comments: Covered in dark pink flowers, uniform			
# Planted:	18				
% Survived:	100				
	Additional Comments:	Flowers are starting to open, compact, vigorous, uniform habit, past peak flowering, clean foliage, no sign of disease			
Phlox paniculata	Ka-Pow® Purple	Darwin Perennials	light purple with red eye	H: 67 W: 41	2018
	Rating June: 2.0	Comments: Non-uniform foliage			
	Rating July: 1.5	Comments: Varying heights, pale purple flowers			
	Rating Aug.: 3.5	Comments: Vigorous, good habit, purple flowers			
	Rating Sept.: 3.5	Comments: Light purple flowers, non-uniform			
# Planted:	18				
% Survived:	78				
	Additional Comments:	Compact, vigorous, uniform habit, past peak flowering, clean foliage, no sign of disease, intense flower color			
Phlox paniculata	Ka-Pow® White Bicolor	Darwin Perennials	white with pink eye	H: 47 W: 38	2018
	Rating June: 1.5	Comments: Pale green foliage, non-uniform			
	Rating July: 1.5	Comments: Non-uniform foliage, white flowers with pink centers			
	Rating Aug.: 4	Comments: Interesting flower color, uniform			
	Rating Sept.: 4	Comments: Powdery mildew on flowers, compact			
# Planted:	18				
% Survived:	83				
	Additional Comments:	Compact, vigorous, uniform habit, past peak flowering, clean foliage, no sign of disease			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Platycodon grandiflorus	Twinkle™ Blue	Syngenta	light purple	H: 23 W: 16	2018
	Rating June: 1.5	Comments: Non-uniform growth, low vigor			
	Rating July: 1.5	Comments: Beginning to bloom, double lavender flowers, non-uniform compact habit			
	Rating Aug.: 3	Comments: Very dwarf, overgrown by neighboring plants, late season bloomer			
	Rating Sept.: 3.5	Comments: Non-uniform, end of bloom			
	# Planted: 18				
	% Survived: 72				
	Additional Comments:	Very compact habit, past peak bloom			
Salvia	Swiftly® Violet Blue	Green Fuse Botanicals	blue	H: 18 W: 36	2018
	Rating June: 2.0	Comments: Very compact habit, few flower buds			
	Rating July: 3.0	Comments: Very compact salvia variety!, uniform coverage of small purple flower spikes			
	Rating Aug.: 2.7	Comments: Compact habit, some disease			
	Rating Sept.: 3	Comments: Compact, non-uniform			
	# Planted: 18				
	% Survived: 68				
	Additional Comments:	Few flowers, compact habit, no chlorotic foliage			
Salvia nemorosa	Blue by You	Darwin Perennials	blue	H: 89 W: 115	2018
	Rating June: 4.0	Comments: Uniform, covered in purple flowers			
	Rating July: 1.0	Comments: Vigorous regrowth, reblooming			
	Rating Aug.: 4	Comments: Reblooming			
	Rating Sept.: 3.5	Comments: Powdery mildew on flower heads			
	# Planted: 18				
	% Survived: 100				
	Additional Comments:	Uniform habit, no flowers, no color impact, good vigor			
Salvia nemorosa	Sky Blue Marvel	Darwin Perennials	light blue	H: 46 W: 78	2018
	Rating June: 4.0	Comments: Non-uniform, few blue flowers			
	Rating July: 3.5	Comments: Irregular habit, some blue flowers, few weak plants			
	Rating Aug.: 3	Comments: Some reblooming, non-uniform			
	Rating Sept.: 3.5	Comments: Some lodging , few flowers			
	# Planted: 18				
	% Survived: 94				
	Additional Comments:	Uniform habit, modest flowering, little color impact			
Veronica longifolia	Forever Blue	Darwin Perennials	blue	H: 47 W: 83	2018
	Rating June: 1.5	Comments: Non-uniform habit, few flower buds present			
	Rating July: 3.0	Comments: Chlorotic foliage, hail damage, lodging stems, few pale blue flowers			
	Rating Aug.: 3	Comments: Chlorotic foliage, covered in blue flowers			
	Rating Sept.: 2.5	Comments: Yellowing sparse foliage, still blooming			
	# Planted: 18				
	% Survived: 100				
	Additional Comments:	Uniform habit, chlorotic foliage, modest color impact			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2018 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Viola	Halo Golden Yellow	Darwin Perennials	golden yellow	H: 19 W: 70	2018
	Rating June:	3.0	Comments:	Reseeds! Attractive orange flowers, non-uniform	
	Rating July:	1.5	Comments:	Reseeds everywhere, attractive orange flower all season long, handles more sunlight	
	Rating Aug.:	4	Comments:	Non-uniform, continuous bloom	
	Rating Sept.:	1.5	Comments:	Long season of bloom, non-uniform	
# Planted:	13				
% Survived:	8				
	Additional Comments:	Very good color impact for August, nice color blend of light to dark orange			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of: 2018

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Achnatherum calamagrostis	UNDAUNTED® Alpine Plume Grass	P	3	3	4	4	4	4	4	3	3.57
		F	0	3	4	4	4	5	4	2	3.1
Agastache	Sunrise™ Blue	P	3	3	3	3	3	3	3	2	3.62
		F	0	0	3	4	4	4	3	0	2.35
Agastache	Sunrise™ Orange	P	3	3	3	4	5	5	4	2	3.82
		F	0	0	4	4	5	5	4	0	3.45
Allium	Summer Beauty	P	3	3	3	5	3	4	3	3	4.17
		F	0	0	4	5	3	0	0	0	3.6
Allium	Summer Peek-a-Boo®	P	3	3	3	5	3	4	3	3	3.72
		F	0	0	4	5	3	0	0	0	2.8
Allium schoenoprasum	Forescate	P	5	3	3	3	3	3	3	3	3.6
		F	5	2	0	0	0	0	0	0	0.77
Astilbe x	Chocolate Shogun	P	3	3	3	3	2	2	3	1	2.3
		F	0	2	0	3	0	0	1	0	0.15
Clematis hexapetala	Mongolian Snowflakes	P	3	3	2	2	2	3	3	3	1.77
		F	0	0	0	0	0	0	0	0	0
Coreopsis grandiflora	Corey™ Compact Gold	P	3	3	4	4	3	3	3	3	3.85
		F	0	0	4	4	3	3	3	0	2.97
Coreopsis rosea	Satin & Lace™ Berry Chiffon	P	3	3	3	3	4	2	3	3	3
		F	0	0	0	0	4	4	3	0	1.87
Coreopsis rosea	Satin & Lace™ Red Tapestry	P	3	3	3	4	4	5	3	3	3.3
		F	0	0	0	4	4	5	3	0	2.05
Coreopsis rosea	Satin & Lace™ Red Chiffon	P	3	3	3	3	4	4	3	2	3.37
		F	0	0	0	0	4	4	3	0	1.82
Coreopsis x hybrida	Big Bang Sun Splash	P	3	3	3	3	3	4	3	3	3.12
		F	0	0	3	3	3	4	4	0	1.72
Coreopsis x hybrida	Little Bang Red Enchanted Eve	P	3	3	3	3	4	4	3	3	3.45
		F	0	0	0	3	4	4	3	0	1.95
Corydalis flexuosa	Hillier™ Porcelain Blue	P	3	3	3	3	3	3	3	2	3.02
		F	2	3	4	3	0	0	0	0	1.7
Delphinium	Red Lark	P	3	3	4	3	3	2	2	1	2.97
		F	0	0	4	4	3	1	0	0	2.4
Delphinium elatum	Delphina™ Dark Blue Black Bee	P	3	3	2	3	3	4	3	3	3.25
		F	3	4	2	0	4	4	1	0	3.1

*P indicates plant rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

*F indicates flower rating on a scale of 0 to 5.

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2018

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Delphinium elatum	Delphina™ Rose White Bee	P	2	3	2	3	3	3	3	2	2.62
		F	2	4	2	0	3	4	0	0	1.64
Delphinium elatum	Delphina™ Dark Blue White Bee	P	3	5	3	3	2	3	2	2	3.24
		F	0	5	4	0	0	0	0	0	2.42
Dianthus	Odessa Nicky	P	3	3	3	3	3	3	3	3	3
		F	0	3	0	3	3	3	2	0	2.8
Dianthus	Sunflor Pink Faganza	P	1	2	2	2	1	2	1	0	1.51
		F	1	3	0	0	0	0	0	0	0.71
Dianthus	Constant Promise® White	P	3	3	1	2	1	1	0	0	1.98
		F	2	3	0	0	0	0	0	0	1.56
Dianthus	Constant Beauty™ Pink	P	1	1	1	2	2	2	2	3	1.5
		F	0	0	0	0	0	0	0	0	0
Dianthus	Constant Cadence® Milk Cherry	P	2	2	1	2	1	2	3	3	1.5
		F	0	0	0	0	2	1	0	0	0.27
Dianthus	Sunflor Kaylee	P	2	2	2	2	2	1	1	2	1.61
		F	0	2	2	2	0	0	0	0	1.95
Dianthus	Sunflor Lilac Charmy	P	2	2	2	2	2	2	2	3	1.77
		F	1	2	2	0	2	1	1	0	2.02
Dianthus	Sunflor YFKE	P	2	3	3	3	3	3	2	3	2.85
		F	1	3	2	1	0	1	0	0	2.1
Echinacea	Sombrero® Tres Amigos	P	3	3	3	4	3	4	3	3	3.25
		F	0	0	3	4	4	4	2	0	2.07
Echinacea	Prairie Splendor™ Compact Rose	P	3	3	3	4	3	4	3	3	3.1
		F	0	0	3	4	3	4	2	0	2.15
Echinacea	Moodz Courage	P	3	3	4	4	4	4	3	3	3.65
		F	0	0	4	4	5	4	3	0	2.95
Echinacea	Moodz Dream	P	3	3	3	4	5	4	3	3	3.85
		F	0	0	4	4	5	4	3	0	2.35
Echinacea	Prairie Splendor™ Compact White	P	3	3	3	3	3	4	3	3	2.97
		F	0	0	3	4	3	4	2	0	2.05
Echinacea	KISMET® Red	P	2	3	3	5	3	4	3	3	2.95
		F	0	0	3	5	4	4	3	0	1.92

*P indicates plant rating on a scale of 0 to 5.

*F indicates flower rating on a scale of 0 to 5.

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NP = Not Present/Planted

Class of: 2018

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Echinacea	KISMET® Yellow	P	3	3	3	3	3	3	3	3	3
		F	0	0	3	3	3	3	3	2	0
Echinacea purpurea	Mellow Yellows	P	3	3	3	3	4	4	3	3	3.15
		F	0	0	3	4	4	4	4	3	0
Epimedium x rubrum	Galadriel	P	3	3	3	2	3	3	3	3	2.87
		F	0	0	0	0	0	0	0	0	0
Eryngium	B100B504	P	3	3	4	3	3	3	3	3	3.27
		F	0	3	4	4	3	0	0	0	0
Gaillardia aristata	Barbican™ Yellow Red Ring	P	2	3	3	4	5	3	3	3	3.55
		F	0	0	3	4	5	3	0	0	0
Gaura lindheimeri	Cool Breeze	P	3	3	3	3	3	3	4	2	3.05
		F	0	0	0	0	0	0	4	0	0
Geranium	B150B536	P	3	4	2	3	3	4	2	2	3.47
		F	0	4	0	3	3	4	1	0	0
Geranium	B150B537	P	4	3	3	3	2	2	2	3	2.9
		F	4	0	0	0	0	0	0	0	0
Helenium autumnale	Salud™ Golden	P	3	3	3	3	3	5	3	3	3.9
		F	0	0	0	0	3	5	2	0	0
Helenium autumnale	Salud™ Yellow	P	2	3	3	3	3	3	3	3	3.02
		F	0	0	0	0	0	3	2	0	0
Helenium autumnale	Salud™ Embers	P	3	3	3	3	3	4	3	3	3.12
		F	0	0	0	0	3	4	3	0	0
Heliopsis helianthoides var. scabra	Bleeding Hearts	P	2	3	3	3	4	4	3	3	3.62
		F	0	0	3	4	5	5	3	0	0
Helleborus	Gold Collection® Ice N' Roses® White	P	3	3	3	3	3	3	3	3	3
		F	2	0	0	0	0	0	0	0	0
Helleborus	Gold Collection® Ice N' Roses® Red	P	3	3	3	3	3	3	3	3	2.7
		F	0	0	0	0	0	0	0	0	0
Heuchera	DOLCE® Spearmint	P	4	5	4	3	3	3	3	3	3.45
		F	4	5	4	4	3	0	0	0	0
Heuchera	NORTHERN EXPOSURE™ Black	P	3	3	3	3	3	3	4	3	3.42
		F	0	3	0	0	0	0	0	0	0
Heuchera	FOREVER™ 'Red'	P	3	3	3	3	3	3	4	2	2.95
		F	0	0	0	0	0	0	1	0	0

*P indicates plant rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

*F indicates flower rating on a scale of 0 to 5.

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2018

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Heuchera	Lemon Love	P	3	3	3	3	3	3	3	3	3.65
		F	0	3	0	0	0	0	0	0	0
Heucherella	Onyx	P	2	2	2	2	2	2	3	3	2.85
		F	0	0	0	0	0	0	0	0	0
Hosta	SHADOWLAND™ Diamond Lake	P	3	3	3	2	3	3	3	2	2.45
		F	0	0	3	3	0	3	3	0	0
Leucanthemum	Lancaster® Darling Daisy® Supreme	P	3	3	3	3	2	3	3	3	2.97
		F	0	3	4	3	3	1	1	0	0
Leucanthemum	Coconut	P	3	3	3	3	3	4	3	3	2.67
		F	0	0	3	3	3	4	1	0	0
Leucanthemum	Adorable	P	3	3	3	3	3	3	3	3	2.46
		F	0	0	4	3	3	1	1	0	0
Leucanthemum maximum	Western Star™ Leo	P	3	3	3	3	2	2	2	3	2.92
		F	0	0	4	4	0	0	0	0	0
Leucanthemum maximum	Western Star™ Taurus	P	3	3	4	3	2	3	2	3	3.07
		F	0	4	4	3	0	0	0	0	0
Leucanthemum maximum	Sweet Daisy Sofie	P	3	3	3	3	2	3	3	3	2.92
		F	0	0	4	3	2	2	0	0	0
Leucanthemum maximum	Birdy	P	3	3	5	3	3	3	3	3	4.05
		F	0	3	5	3	3	0	1	0	0
Lychnis	Petit Henri	P	2	3	3	3	3	3	3	3	2.42
		F	3	3	2	3	0	0	0	0	0
Monarda	Marje® Purple	P	3	3	3	3	3	3	3	3	3.6
		F	0	0	0	3	4	3	2	0	0
Penstemon	DAKOTA™ Verde	P	3	4	4	3	3	3	3	4	4.02
		F	0	4	4	0	0	0	1	0	0
Penstemon	DAKOTA™ Burgundy'	P	3	4	4	3	3	3	3	4	4.57
		F	0	4	4	0	0	0	0	0	0
Phlox paniculata	Ka-Pow® Purple	P	3	3	3	4	4	3	3	3	3.35
		F	0	0	3	4	4	2	3	0	0
Phlox paniculata	Ka-Pow® Pink	P	3	3	3	4	4	3	3	3	3.85
		F	0	0	4	4	4	2	3	0	0
Phlox paniculata	Ka-Pow® Lavender	P	3	3	3	4	4	3	3	3	3.45
		F	0	0	3	4	4	2	3	0	0

*P indicates plant rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

*F indicates flower rating on a scale of 0 to 5.

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2018

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Phlox paniculata	Ka-Pow® White Bicolor	P	3	3	3	3	4	3	2	3	3.15
		F	0	0	3	4	4	2	3	0	2.25
Phlox paniculata	Early® Pink Candy	P	3	3	3	4	2	3	2	2	3
		F	0	0	4	4	4	2	3	0	3.17
Phlox paniculata	Early® Purple Pink Eye	P	2	3	3	3	3	3	2	2	2.97
		F	0	0	4	4	3	2	3	0	2.75
Platycodon grandiflorus	Twinkle™ Blue	P	2	3	3	3	4	3	3	2	2.92
		F	0	0	0	4	4	3	0	0	1.72
Salvia	Swiftly® Violet Blue	P	3	3	4	4	3	3	3	3	3
		F	0	0	4	4	3	2	1	0	2.28
Salvia nemorosa	Blue by You	P	5	3	3	3	3	3	3	3	3.3
		F	5	0	0	3	3	1	2	0	2.7
Salvia nemorosa	Sky Blue Marvel	P	3	5	3	3	3	3	2	3	3.27
		F	2	5	0	0	3	0	0	0	3.2
Veronica longifolia	Forever Blue	P	3	3	2	3	2	3	2	3	2.67
		F	0	0	0	3	2	3	3	2	2.17
Viola	Halo Golden Yellow	P	2	2	3	5	4	4	4	3	3.17
		F	2	3	4	5	4	4	4	2	2.2

*P indicates plant rating on a scale of 0 to 5.

*F indicates flower rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Achillea	Firefly Sunshine	Walters Gardens, Inc. /Proven Winners®	yellow	H: 55 W: 52	2019
	Rating June:	3.0	Comments:	Dark green foliage with bright yellow flowers	
	Rating July:	4.0	Comments:	Mounded habit, few buds	
	Rating Aug.:	4	Comments:	Large foliage, dark yellow blooms	
	Rating Sept.:	4	Comments:	Non-uniform coverage of dark yellow flowers, some dry dead leaves	
# Planted:	6				
% Survived:					
	Additional Comments:	Uniform, compact habit, deep green foliage color, good color impact			
Achillea ageratifolia	Greek	Plant Select	white	H: 17 W: 39	2019
	Rating June:	3.0	Comments:	Uniform, covered in small white flowers	
	Rating July:	1.0	Comments:	Low growing, mounded, covered in small white flowers	
	Rating Aug.:	2.5	Comments:	Spreading groundcover, mounded, covered in small white flowers	
	Rating Sept.:	2	Comments:	Spreading mound, few white flowers	
# Planted:	18				
% Survived:					
	Additional Comments:	Compact, uniform habit, good foliage color, few flowers			
Achillea millefolium	Desert Eve™ Deep Rose	Syngenta	rose	H: 48 W: 51	2019
	Rating June:	3.5	Comments:	Uniform habit, pale pink and dark pink flowers	
	Rating July:	1.0	Comments:	Mounded habit, vigorous, few pink flowers, lots of buds	
	Rating Aug.:	3.5	Comments:	Spent flowers are attractive, interesting flower color fade, uniform	
	Rating Sept.:	3.5	Comments:	Vigorous, long season of bloom, attractive fade of colors	
# Planted:	18				
% Survived:					
	Additional Comments:	Good vigor, compact habit, flower color quickly fades and loses impact			
Achillea millefolium	Desert Eve™ Red	Syngenta	red	H: 48 W: 63	2019
	Rating June:	4.0	Comments:	Small plants, many pale red flowers	
	Rating July:	1.0	Comments:	Mounded habit, few red flowers	
	Rating Aug.:	3.37	Comments:	Interesting flower from start to finish, vigorous	
	Rating Sept.:	3	Comments:	Long season of bloom, some yellowing	
# Planted:	18				
% Survived:					
	Additional Comments:	Good vigor, compact habit, vibrant flower color			
Achillea millefolium	Desert Eve™ Terracotta	Syngenta	yellow	H: 42 W: 41	2019
	Rating June:	1.5	Comments:	Green foliage, few flower stalks	
	Rating July:	1.5	Comments:	Compact, mounded, few dark yellow flowers	
	Rating Aug.:	3.37	Comments:	Looks more yellow than terracotta	
	Rating Sept.:	3	Comments:	Uniform coverage of yellow flowers	
# Planted:	15				
% Survived:					
	Additional Comments:	Compact, uniform habit, good color impact			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Achillea millefolium	Milly Rock Red	Darwin Perennials	red	H: 45 W: 54	2019
	Rating June: 3.0	Comments: Uniform, few red flowers			
	Rating July: 4.0	Comments: Vigorous growth, many red flowers, uniform			
	Rating Aug.: 4	Comments: Attractive overall plant			
	Rating Sept.: 4	Comments: Non-uniform coverage of flowers, vigorous foliage			
# Planted:	15				
% Survived:					
	Additional Comments:	Nice rusty red flower color, compact, uniform habit, modest color impact, attractive flower color			
Achillea millefolium	Milly Rock Rose	Darwin Perennials	rose	H: 34 W: 48	2019
	Rating June: 3.0	Comments: Uniform, dark green foliage, dark pink flowers			
	Rating July: 3.5	Comments: Vigorous growth, dark pink flowers, uniform, being overgrown by Lamium			
	Rating Aug.: 3.62	Comments: Attractive overall plant, pink works well with dark green foliage			
	Rating Sept.: 3.5	Comments: Some dry dead leaves, few pink blooms			
# Planted:	15				
% Survived:					
	Additional Comments:	Compact, uniform habit, modest color impact, attractive flower color			
Agastache	Sunny Sparks™ Pink	Danziger	pink	H: 95 W: 88	2019
	Rating June: 3.5	Comments: Pale green foliage, many pale pink flowers			
	Rating July: 3.0	Comments: Compact habit, covered in pink flowers, attracts bees			
	Rating Aug.: 2.37	Comments: Non-uniform, reblooming			
	Rating Sept.: 4	Comments: Vigorous, loads of pink flower spikes			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform habit, tiny flowers having little color impact			
Artemisia abrotanum	Leprechaun	Plant Select		H: 60 W: 48	2019
	Rating June: 1.5	Comments: Silver green foliage			
	Rating July: 2.0	Comments: Spreading foliage			
	Rating Aug.: 2	Comments: Great foliage! Great form, really vigorous			
	Rating Sept.: 2	Comments: Vigorous groundcover			
# Planted:	14				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, no flowers			
Brunnera	ALCHEMY™ Pewter	TerraNova	pale blue	H: 25 W: 40	2019
	Rating June: 1.5	Comments: Uniform habit, attractive foliage			
	Rating July: 1.5	Comments: Mounded compact habit			
	Rating Aug.: 3.12	Comments: Compact rounded habit, few pale blue flowers			
	Rating Sept.: 1.5	Comments: Mounded habit			
# Planted:	12				
% Survived:					
	Additional Comments:	Uniform, compact habit, attractive foliage pattern and shape			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Brunnera	ALCHEMY™ Silver	TerraNova	pale blue	H: 15 W: 40	2019
	Rating June: 1.5	Comments: Uniform habit, attractive foliage			
	Rating July: 1.5	Comments: Mounded compact habit, few pale blue flowers			
	Rating Aug.: 3.5	Comments: Some silver foliage, mounded, few pale blue flowers			
	Rating Sept.: 1.5	Comments: Mounded habit, few pale blue flowers			
# Planted:	12				
% Survived:					
	Additional Comments:	Uniform, compact habit, attractive silvery-green foliage with dark green veins, nice frosty foliage and flowering			
Carex	Feather Falls™	Pacific Plug and Liner		H: 58 W: 90	2019
	Rating June: 1.5	Comments: Uniform habit with striped green/white leaves			
	Rating July: 3.5	Comments: Attractive compact foliage, no flowers			
	Rating Aug.: 3.12	Comments: Uniform			
	Rating Sept.: 3.5	Comments: Compact			
# Planted:	2				
% Survived:					
	Additional Comments:	Uniform habit, attractive variegated foliage nice!			
Caryopteris	Gold Crest	Darwin Perennials	lavender	H: 62 W: 54	2019
	Rating June: 1.5	Comments: Lime-green new growth, spreading habit			
	Rating July: 1.5	Comments: Spreading habit, lemon yellow foliage, lavender colored flowers			
	Rating Aug.: 2.75	Comments: Lemon yellow foliage, showy mounding habit, good vigor for 1st year			
	Rating Sept.: 4	Comments: Lemon yellow foliage, pale purple flowers, spreading/low growing			
# Planted:	14				
% Survived:					
	Additional Comments:	Compact habit, showy foliage plant , few flowers, good vigor			
Caryopteris	Pavilion™ Pink	Danziger	light pink	H: 55 W: 47	2019
	Rating June: 1.5	Comments: Uniform transplants			
	Rating July: 1.5	Comments: Compact habit, weak stems			
	Rating Aug.: 1.87	Comments: Looks great! Stems add interest, some flower buds			
	Rating Sept.: 3.5	Comments: Soft pink flower, weak stems			
# Planted:	18				
% Survived:					
	Additional Comments:	Vigorous, uniform habit, compact, no flowers, very clean foliage			
Caryopteris clandonensis	Grand Bleu®	Darwin Perennials	blue	H: 68 W: 34	2019
	Rating June: 2.5	Comments: Dark green foliage, few pale purple flowers			
	Rating July: 3.0	Comments: Vertical habit, blue/purple blooms along stems			
	Rating Aug.: 3.25	Comments: Upright habit, dark green foliage, attracts bees			
	Rating Sept.: 4	Comments: Upright habit, vibrant blue flower, covered in bees			
# Planted:	14				
% Survived:					
	Additional Comments:	uniform habit, deep glossy green foliage, good flower production on 1st year plants, good late summer color, heavily budded			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Coreopsis	Uptick™ Gold & Bronze	Darwin Perennials	dark yellow with dark red center	H: 30 W: 38	2019
	Rating June: 5.0	Comments: Transplant shock, some dark gold/red flowers			
	Rating July: 3.5	Comments: Hail damage causing broken stems, covered in yellow/red blooms			
	Rating Aug.: 3.87	Comments: Covered in flower, spent flowers are unnoticeable			
	Rating Sept.: 3.5	Comments: Weak stems, lodging, long season of bloom			
# Planted: 18					
% Survived:					
	Additional Comments:	Uniform habit, attractive bi-color flowers, many flowers			
Coreopsis	Uptick™ Yellow & Red	Darwin Perennials	yellow with red center	H: 33 W: 40	2019
	Rating June: 5.0	Comments: Transplant shock, few yellow/dark red flowers			
	Rating July: 3.5	Comments: Hail damage causing broken stems, covered in yellow with red centered flowers, irregular habit			
	Rating Aug.: 3.62	Comments: Vibrant yellow flower against green foliage			
	Rating Sept.: 3.5	Comments: Non-uniform, dark foliage, few blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Attractive bi-color flower, many flowers, good foliage color			
Coreopsis grandiflora	Castello™ Pompon Yellow	Syngenta	yellow	H: 31 W: 44	2019
	Rating June: 3.5	Comments: Very compact, large pom-pom dark gold flowers			
	Rating July: 1.0	Comments: Some chlorosis, compact, mounded, cute yellow flowers			
	Rating Aug.: 3	Comments: Chlorosis on a few plants, mounded, few flowers			
	Rating Sept.: 3	Comments: Yellowing foliage, few blooms, non-uniform			
# Planted: 18					
% Survived:					
	Additional Comments:	Nice blooms for first year, not a lot of flowers but the flowers that are there are huge, chlorotic foliage			
Coreopsis grandiflora	SunSwirl	DummenOrange	yellow	H: 42 W: 48	2019
	Rating June: 3.0	Comments: Transplant shock, insect damage to leaves, double gold flowers			
	Rating July: 3.0	Comments: Insect damage to foliage, compact, few double yellow flowers			
	Rating Aug.: 2.37	Comments: Insect damage, few dying plants			
	Rating Sept.: 3	Comments: Some chlorosis, weak plants			
# Planted: 8					
% Survived:					
	Additional Comments:	Non-uniform, low vigor, few flowers			
Delosperma	Luckhoffii-Hybr.'	Jelitto	multi-colored	H: 4 W: 14	2019
	Rating June: 1.5	Comments: Extremely small transplants			
	Rating July: 1.5	Comments: Low vigor, compact			
	Rating Aug.: 1.5	Comments: Low vigor, gets stepped on			
	Rating Sept.: 1.5	Comments: Low vigor, few flowers			
# Planted: 18					
% Survived:					
	Additional Comments:	Looks good for being planted in first year, low vigor, no flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Delosperma cooperi	Rock Crystal Orange	DummenOrange	orange	H: 5 W: 26	2019
	Rating June: 2.5	Comments: Uniform, dark orange blooms			
	Rating July: 3.0	Comments: Mounded habit, compact, orange flowers			
	Rating Aug.: 2.2	Comments: Compact habit, not vigorous, very dwarf			
	Rating Sept.: 3	Comments: Compact mounded habit			
# Planted:	9				
% Survived:					
	Additional Comments:	Looks good for being planted in first year			
Delosperma cooperi	Rock Crystal Purple	DummenOrange	dark pink	H: 9 W: 19	2019
	Rating June: 2.5	Comments: Light purple flowers, uniform habit			
	Rating July: 3.0	Comments: Mounded habit, compact, pink flowers			
	Rating Aug.: 2.08	Comments: Compact habit, some mold			
	Rating Sept.: 2	Comments: Two plants dead, compact habit			
# Planted:	9				
% Survived:					
	Additional Comments:	Looks good for being planted in first year, some dead/dying plants, very small flowers, minimal color impact			
Delosperma cooperi	Rock Crystal White	DummenOrange	white	H: 7 W: 25	2019
	Rating June: 1.5	Comments: Fairly uniform transplants			
	Rating July: 1.5	Comments: Mounded habit, few white flowers			
	Rating Aug.: 1.5	Comments: Compact mounded habit			
	Rating Sept.: 2.5	Comments: Compact, dwarf			
# Planted:	6				
% Survived:					
	Additional Comments:				
Delosperma cooperi	Rock Crystal Yellow	DummenOrange	yellow	H: 5 W: 24	2019
	Rating June: 3.0	Comments: Few yellow flowers present			
	Rating July: 3.0	Comments: Mounded, compact, yellow blooms			
	Rating Aug.: 3.25	Comments: Compact mounds			
	Rating Sept.: 3	Comments: Some yellowing			
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform plants of good vigor, tiny yellow flowers, very cute with fat foliage			
Delosperma cooperi	Solstice Pink	DummenOrange	pink	H: 8 W: 31	2019
	Rating June: 3.0	Comments: Many pink flowers, dark green foliage			
	Rating July: 2.0	Comments: Vigorous groundcover, pink flowers			
	Rating Aug.: 2.91	Comments: Filling in nicely!			
	Rating Sept.: 2	Comments: Dark pink stems, some flowering			
# Planted:	8				
% Survived:					
	Additional Comments:	Uniform habit, small florets			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Delosperma cooperi	Solstice Red	DummenOrange	dark pink	H: 8 W: 51	2019
	Rating June:	2.5	Comments:	Leggy foliage, few red flowers	
	Rating July:	3.5	Comments:	Spreading groundcover, non-uniform, few red flowers	
	Rating Aug.:	2.83	Comments:	Some die-back, vigorous groundcover	
	Rating Sept.:	3.5	Comments:	Some mold present, few flowers	
# Planted:	9				
% Survived:					
	Additional Comments:	Leggy but has flowers			
Delosperma cooperi	Solstice Rose	DummenOrange	pink	H: 10 W: 40	2019
	Rating June:	2.5	Comments:	Dark green foliage, soft pink blooms	
	Rating July:	3.5	Comments:	Spreading groundcover, vigorous, pink flowers	
	Rating Aug.:	2.83	Comments:	Vigorous, some die-back	
	Rating Sept.:	3.5	Comments:	Pink flowers, some die-back	
# Planted:	9				
% Survived:					
	Additional Comments:	Leggy but has flowers			
Delosperma cooperi	Solstice Yellow	DummenOrange	yellow	H: 9 W: 32	2019
	Rating June:	2.5	Comments:	Many yellow/orange flowers, sparse foliage	
	Rating July:	3.5	Comments:	Spreading groundcover, vigorous, yellow flowers	
	Rating Aug.:	2.83	Comments:	Some yellowing foliage	
	Rating Sept.:	3.5	Comments:	Yellow/orange flowers, some yellowing foliage	
# Planted:	9				
% Survived:					
	Additional Comments:	Leggy but has flowers			
Dendranthema	Autumn Spice Igloo	Must Have Perennials	dark orange	H: 46 W: 58	2019
	Rating June:	4.5	Comments:	Early bloom due to LEDs in the greenhouse	
	Rating July:	1.5	Comments:	Pale green foliage, uniform, few dark orange flowers	
	Rating Aug.:	2	Comments:	Buds forming below new leaves, mounded habit	
	Rating Sept.:	3.5	Comments:	Non-uniform, loads of dark orange flowers	
# Planted:	9				
% Survived:					
	Additional Comments:	Nice orange color, uniform, compact habit, many buds, good vigor			
Dendranthema	Brilliant Igloo	Must Have Perennials	yellow	H: 28 W: 56	2019
	Rating June:	4.5	Comments:	Early bloom due to LEDs in the greenhouse	
	Rating July:	1.5	Comments:	Dark green foliage, few yellow flowers	
	Rating Aug.:	2.08	Comments:	Uneven foliage sizes, mounded, starting to bloom	
	Rating Sept.:	4	Comments:	Uniform, mounded, covered in dark yellow blooms	
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform, compact habit, many buds, good vigor			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Constant Beauty® Crush Cherry	Greenfuse	dark pink with red stripes	H: 16 W: 14	2019
	Rating June: 1.5	Comments: Small transplants			
	Rating July: 2.5	Comments: Low vigor, some flowers			
	Rating Aug.: 2.41	Comments: Low vigor, few flowers			
	Rating Sept.: 2.5	Comments: Low vigor			
# Planted: 9					
% Survived:					
	Additional Comments:	Low vigor, few flowers, attractive flower color			
Dianthus	Constant Beauty® Crush Orange	Greenfuse	dark pink center with pink edge	H: 15 W: 15	2019
	Rating June: 3.0	Comments: Small transplants with peachy pink blooms			
	Rating July: 1.0	Comments: Low vigor, few flowers			
	Rating Aug.: 2.58	Comments: Not vigorous, compact, covered in peachy pink blooms			
	Rating Sept.: 1	Comments: Covered in double light pink flowers			
# Planted: 7					
% Survived:					
	Additional Comments:	More pink color than orange, small plants of uniform habit, modest flowering			
Dianthus	Constant Beauty® Crush Pink	Greenfuse	pink with dark pink center	H: 15 W: 11	2019
	Rating June: 2.5	Comments: Small transplants, double pink/red flowers			
	Rating July: 1.0	Comments: Low vigor, mounds, few flowers			
	Rating Aug.: 2.58	Comments: Low vigor, heavy flowering			
	Rating Sept.: 1	Comments: Low vigor, silver green foliage			
# Planted: 9					
% Survived:					
	Additional Comments:	Low vigor, modest color, attractive flower color			
Dianthus	Mountain Frost™ Red Garnet	Darwin Perennials	dark red	H: 6 W: 15	2019
	Rating June: 1.0	Comments: Attractive silver foliage, dark red flowers, great contrast!			
	Rating July: 3.0	Comments: Reblooming with dark red flowers, compact, mounded habit			
	Rating Aug.: 3.12	Comments: Continuous bloomer! Compact			
	Rating Sept.: 3	Comments: Attractive mounds, few blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Uniform plants, good vigor, blue-green foliage, deep red flowers, great rich red			
Dianthus	Rockin'™ Pink Magic	PanAmerican-Kieft Seed	shades of pink	H: 49 W: 33	2019
	Rating June: 1.5	Comments: Pale green foliage, uniform			
	Rating July: 3.0	Comments: Attractive multi-colored florets			
	Rating Aug.: 4.25	Comments: Attractive multi-colored flowers			
	Rating Sept.: 4	Comments: Continuous blooming of multi-colored florets			
# Planted: 18					
% Survived:					
	Additional Comments:	Nice shades of pink, a very impressive series in all cultivars, strong color impact, many flowers on plants of uniform habit, good foliage color with no evidence of disease or iron deficiencies, lovely shades of pink			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Rockin'™ Purple	PanAmerican-Kieft Seed	dark pink	H: 43 W: 37	2019
	Rating June: 2.5	Comments: Few dark pink flowers			
	Rating July: 4.0	Comments: Few dark pink blooms, uniform			
	Rating Aug.: 4.25	Comments: Vibrant green foliage, covered in dark pink flowers			
	Rating Sept.: 4	Comments: Vibrant dark pink flowers			
# Planted: 9					
% Survived:					
	Additional Comments:	A very impressive series in all cultivars, strong color impact, many flowers on plants of uniform habit, good foliage color with no evidence of disease or iron deficiencies, nice vibrant color			
Dianthus	Rockin'™ Red	PanAmerican-Kieft Seed	red	H: 60 W: 44	2019
	Rating June: 1.5	Comments: Dark green foliage, few dark red flowers			
	Rating July: 3.0	Comments: Dark red blooms, uniform			
	Rating Aug.: 4.12	Comments: Uniform coverage of dark red flowers			
	Rating Sept.: 3.5	Comments: Dark green foliage, dark red flowers			
# Planted: 18					
% Survived:					
	Additional Comments:	Nice deep red flower, a very impressive series in all cultivars, strong color impact, many flowers on plants of uniform habit, good foliage color with no evidence of disease or iron deficiencies, nice vibrant color			
Dianthus	Rockin'™ Rose	PanAmerican-Kieft Seed	rose	H: 46 W: 35	2019
	Rating June: 3.0	Comments: Few flower buds present			
	Rating July: 3.0	Comments: Compact, uniform, dark pink flowers			
	Rating Aug.: 4.25	Comments: Uniform, covered dark pink flowers			
	Rating Sept.: 4	Comments: Dark pink flowers, vigorous, uniform			
# Planted: 18					
% Survived:					
	Additional Comments:	A very impressive series in all cultivars, strong color impact, many flowers on plants of uniform habit, good foliage color with no evidence of disease or iron deficiencies, nice vibrant color			
Digitalis	Arctic Fox Rose	Darwin Perennials	rose	H: 50 W: 29	2019
	Rating June: 4.0	Comments: Dark green foliage, loads of pale pink flowers on short stalks			
	Rating July: 1.5	Comments: Dark green foliage, reblooming dark pink flowers, some insect damage to leaves			
	Rating Aug.: 3.16	Comments: Long season of bloom, some insect damage			
	Rating Sept.: 3	Comments: Insect damage on leaves, long season of bloom			
# Planted: 18					
% Survived:					
	Additional Comments:	Tall flower but goof flower color, uniform habit, good foliage color, past peak bloom, compact, slugs present			
Digitalis purpurea	Camelot™ Lavender	Syngenta	lavender	H: 88 W: 52	2019
	Rating June: 1.5	Comments: Uniform			
	Rating July: 1.5	Comments: Large leaves, uniform, beginning to bud			
	Rating Aug.: 4.08	Comments: Tall flower stalks that lodge, pale purple trumpet shaped flowers			
	Rating Sept.: 1.5	Comments: Insect damage on leaves, few lodging flower stalks, dark green foliage			
# Planted: 18					
% Survived:					
	Additional Comments:	I like how the color changes from purple on bottom flowers to cream yellow, uniform habit, good foliage color, good color impact, slugs present			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Digitalis purpurea	Camelot™ Rose	Syngenta	rose	H: 43 W: 44	2019
	Rating June: 1.5	Comments: Uniform			
	Rating July: 1.5	Comments: Large leaves, beginning to bud			
	Rating Aug.: 3.83	Comments: Tall flower stalks that lodge, dark pink flowers			
	Rating Sept.: 1.5	Comments: Insect damage on leaves, lodging flower stalks			
# Planted: 18					
% Survived:					
	Additional Comments:	Uniform habit, good foliage color, flower stems cannot support weight of flowers with overhead irrigation unless staked, slugs present			
Dracocephalum ruyschiana		Plant Select	blue	H: 35 W: 51	2019
	Rating June: 1.5	Comments: Spreading foliage, few purple/blue flowers			
	Rating July: 2.0	Comments: Spreading foliage			
	Rating Aug.: 2.87	Comments: Attractive ground cover, interesting flower, vigorous			
	Rating Sept.: 3.5	Comments: Vigorous groundcover, few pale purple flowers			
# Planted: 14					
% Survived:					
	Additional Comments:	Vigorous growth, variable habit, only now beginning to flower, flowers are medium blue			
Echibeckia	Summerina® Blazing Fire™	Pacific Plug and Liner	yellow with dark red center	H: 60 W: 47	2019
	Rating June: 1.5	Comments: Establishing			
	Rating July: 1.5	Comments: Hail damage to foliage, beginning to bud			
	Rating Aug.: 4.12	Comments: Similar flower color to Summerina Sizzling Sunset			
	Rating Sept.: 4	Comments: Uniform coverage of large flowers			
# Planted: 4					
% Survived:					
	Additional Comments:	Large, bi-color flowers on plants of uniform habit, very showy			
Echibeckia	Summerina® Sizzling Sunset™	Pacific Plug and Liner	yellow with dark red center	H: 57 W: 74	2019
	Rating June: 1.5	Comments: Establishing			
	Rating July: 1.5	Comments: Hail damage to foliage, beginning to bud			
	Rating Aug.: 4.12	Comments: Similar flower color to Summerina Blazing Fire, interesting emerging flower			
	Rating Sept.: 4	Comments: Uniform coverage of large flowers			
# Planted: 5					
% Survived:					
	Additional Comments:	Unique flower large, bi-color flowers on plants of uniform habit, very showy			
Echinacea	MOODZ® Glory	HilverdaKooij	white	H: 55 W: 33	2019
	Rating June: 2.5	Comments: Some yellowing of transplants			
	Rating July: 1.0	Comments: Few white flowers, uniform			
	Rating Aug.: 3.37	Comments: Nice deep green leaf, loads of white flowers			
	Rating Sept.: 4	Comments: Covered in white flowers, dark green foliage, uniform			
# Planted: 18					
% Survived:					
	Additional Comments:	Good flower color, uniform, many flowers, pure white with golden centers, 12-15 inches high, clean foliage, dark green, good vigor			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea	MOODZ® Sympathy	HilverdaKooij	shades of pink	H: 41 W: 36	2019
	Rating June: 3.0	Comments: Uniform transplants			
	Rating July: 1.0	Comments: Some pink flowers			
	Rating Aug.: 3.25	Comments: Buds shorter than foliage, multi-colored blooms			
	Rating Sept.: 4.5	Comments: Multi-colored flowers, non-uniform, uniform coverage of flowers			
# Planted:	18				
% Survived:					
	Additional Comments:	Good flower color, uniform, many flowers, pure white with golden centers, 12-15 inches high, clean foliage, dark green, good vigor			
Echinacea	Sombrero® Summer Solstice	Darwin Perennials	yellow	H: 38 W: 27	2019
	Rating June: 3.5	Comments: Dark green foliage with bright yellow flowers			
	Rating July: 3.0	Comments: Dark yellow flowers fade to white			
	Rating Aug.: 3.12	Comments: Uniform size, dark yellow blooms fade to pale yellow			
	Rating Sept.: 3	Comments: Attractive bloom fade from yellow to white, uniform			
# Planted:	18				
% Survived:					
	Additional Comments:	Like how the flower fades when it gets old adds like second color, good vigor, clean foliage, compact habit, many flowers			
Echinacea	Sombrero® Tango Tangerine	Darwin Perennials	shades of red	H: 58 W: 29	2019
	Rating June: 3.0	Comments: Tall transplants			
	Rating July: 2.0	Comments: Pink/orange flowers fade to pale pink, uniform			
	Rating Aug.: 2.75	Comments: Not a lot of blooms, uniform mounded habit			
	Rating Sept.: 4	Comments: Flowers bury their dead, fades to peachy pink			
# Planted:	18				
% Survived:					
	Additional Comments:	Good vigor, clean foliage, intense flower, color not tangerine			
Echinacea	Sunseekers Coral	Flamingo Holland	shades of red	H: 40 W: 29	2019
	Rating June: 3.0	Comments: Uniform transplants			
	Rating July: 3.0	Comments: Pink and orange flowers, uniform compact habit			
	Rating Aug.: 3.37	Comments: Many flowers, not uniform			
	Rating Sept.: 3	Comments: Non-uniform, few flowers, some yellowing			
# Planted:	17				
% Survived:					
	Additional Comments:	Nice coral orange flowers, vigorous, compact habit, flowers emerge intense red, fade to coral muddy color			
Echinacea purpurea	Lovely Lolly	Must Have Perennials	dark pink	H: 70 W: 30	2019
	Rating June: 3.0	Comments: Dark red stems			
	Rating July: 1.0	Comments: Interesting double dark pink bloom			
	Rating Aug.: 3.25	Comments: Attractive red stems, not sturdy enough stems, interesting blooms			
	Rating Sept.: 3	Comments: Attractive dark pink double flowers, lodging of stems, vigorous			
# Planted:	6				
% Survived:					
	Additional Comments:	Robust vigorous plants, double wine colored flowers, beginning to bloom, uniform habit, peduncles stretched			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea purpurea	Prairie Splendor™ Compact Rose Dark Cone	Syngenta	dark rose	H: 70 W: 57	2019
	Rating June: 1.5	Comments: Uniform, dark green foliage			
	Rating July: 1.5	Comments: Vigorous growth, starting to bud			
	Rating Aug.: 3.37	Comments: Vigorous foliage, few pink blooms			
	Rating Sept.: 3.5	Comments: Dark green foliage, dark pink flowers			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, dark green foliage color, large flowers			
Erysimum	Sunstrong™ Orange	Danziger	orange	H: 39 W: 51	2019
	Rating June: 3.0	Comments: Vibrant orange flowers, dark green foliage			
	Rating July: 4.0	Comments: Mounded habit, green foliage, no flowers			
	Rating Aug.: 3.87	Comments: Bright orange bloom, mounded			
	Rating Sept.: 4	Comments: Fragrant orange flowers, vigorous mounded growth			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform habit, strong color impact, nice duration of flower			
Erysimum hybrida	Sunstrong™ Bicolor Purple	Danziger	bi-color purple	H: 54 W: 85	2019
	Rating June: 3.0	Comments: Uniform, multi-colored blooms			
	Rating July: 4.0	Comments: Few bi-color flowers, mounded habit, silver green foliage			
	Rating Aug.: 3.87	Comments: Multi-colored bloom, fragrant, vibrant flower			
	Rating Sept.: 4	Comments: Fragrant flowers, uniform coverage			
# Planted:	16				
% Survived:					
	Additional Comments:	Uniform habit, many flowers, nice flower color blend but subtle, nice duration of flower			
Eupatorium purpureum	Euphoria™ Ruby	Darwin Perennials	ruby pink	H: 26 W: 40	2019
	Rating June: 1.5	Comments: Sparse foliage, non-uniform			
	Rating July: 1.0	Comments: Sparse foliage, some stem breakage			
	Rating Aug.: 2.12	Comments: Doesn't seem to produce a lot of blooms, interesting habit, starting to mound			
	Rating Sept.: 1.5	Comments: Irregular habit, few tiny pink flowers			
# Planted:	12				
% Survived:					
	Additional Comments:	Bit leggy, good vigor, non-uniform habit, no flowers			
Euphorbia	Miner's Merlot™ PPAF	Pacific Plug and Liner		H: 44 W: 54	2019
	Rating June: 1.5	Comments: Interesting multi-colored foliage			
	Rating July: 1.5	Comments: Mounded habit, attractive foliage			
	Rating Aug.: 1.87	Comments: Attractive foliage, dark green/red/purple			
	Rating Sept.: 2.5	Comments: Attractive foliage			
# Planted:	6				
% Survived:					
	Additional Comments:	Attractive dark green foliage with tints of red/orange			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gaura	Bantam® Iris Pink	Greenfuse	dark pink	H: 69 W: 45	2019
	Rating June: 3.5	Comments: Variegated foliage, few dark pink flowers			
	Rating July: 4.0	Comments: Compact, attractive dark red stems, starting to bud			
	Rating Aug.: 3.25	Comments: Not vigorous, variegated foliage, dark red blooms			
	Rating Sept.: 4	Comments: Attractive contrast of new blooms and foliage, dark pink flowers			
# Planted:	16				
% Survived:		Additional Comments: Tall flowers, low vigor, uniform habit, few flowers			
Gaura	Grace™ Compact Pink	Danziger	pink	H: 48 W: 39	2019
	Rating June: 3.0	Comments: Dark pink flowers on dark red stems, compact habit			
	Rating July: 1.0	Comments: Irregular habit, uniform coverage of dark pink blooms			
	Rating Aug.: 1.5	Comments: Non-uniform, covered in flower blooms			
	Rating Sept.: 1	Comments: Non-uniform habit, dark pink flowers			
# Planted:	18				
% Survived:		Additional Comments: Compact habit, uniform height, no flowers			
Gaura	Steffi™ Blush Pink	Danziger	pink	H: 53 W: 51	2019
	Rating June: 3.0	Comments: Uniform growth, pale pink flowers			
	Rating July: 4.0	Comments: Irregular habit, many flower buds			
	Rating Aug.: 2.62	Comments: Dark green foliage, some flowers			
	Rating Sept.: 4	Comments: Some weak stems, pink flowers			
# Planted:	18				
% Survived:		Additional Comments: Irregular habit, no flowers			
Gaura	Steffi™ Dark Rose	Danziger	dark pink	H: 49 W: 88	2019
	Rating June: 2.5	Comments: Uniform, dark pink flowers			
	Rating July: 1.0	Comments: Mounded form, few dark pink flowers			
	Rating Aug.: 1.66	Comments: Some broken stems, lots of flower buds			
	Rating Sept.: 2	Comments: Non-uniform habit, beginning to flower			
# Planted:	15				
% Survived:		Additional Comments: Lots of flower buds, uniform habit, good vigor			
Gaura lindheimeri	Graceful Light Pink	DummenOrange	light pink	H: 31 W: 28	2019
	Rating June: 3.0	Comments: Dark green foliage, dark red flower stalks			
	Rating July: 3.0	Comments: Dark red and green foliage, few pink flowers			
	Rating Aug.: 2.87	Comments: Interesting dense habit, flower spikes a little short, dark red foliage			
	Rating Sept.: 3	Comments: Compact mounded habit, few pink blooms			
# Planted:	9				
% Survived:		Additional Comments: Deep color of leaves bring out the flower, very compact, uniform habit, moderate flowers and color impact			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gaura lindheimeri	Graceful White	DummenOrange	white	H: 62 W: 35	2019
	Rating June: 3.0	Comments: Dark green foliage, uniform, few small white flowers			
	Rating July: 3.5	Comments: Uniform coverage of small white flowers			
	Rating Aug.: 2.62	Comments: Decent size for first year, mounded, few white flowers			
	Rating Sept.: 2.5	Comments: Mounded habit, many flower buds			
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, few flowers, compact habit			
Helleborus	Frost Kiss® Molly's White®	Pacific Plug and Liner		H: 16 W: 28	2019
	Rating June: 1.5	Comments: Small transplants, dark leaf with yellow veins			
	Rating July: 1.0	Comments: Some new leaves, low vigor			
	Rating Aug.: 1	Comments: Just starting to put out new growth			
	Rating Sept.: 1	Comments: Low vigor, some new growth			
# Planted:	6				
% Survived:					
	Additional Comments:	Low vigor, no flowers			
Helleborus	Frost Kiss® Pippa's Purple®	Pacific Plug and Liner		H: 13 W: 27	2019
	Rating June: 1.5	Comments: Small transplants, dark leaf with yellow veins			
	Rating July: 1.0	Comments: Low vigor, one dead			
	Rating Aug.: 1	Comments: Just starting to put out new growth			
	Rating Sept.: 1	Comments: New growth, low vigor			
# Planted:	6				
% Survived:					
	Additional Comments:	Low vigor, no flowers			
Helleborus	Winter's Angels™ Charmer™	Pacific Plug and Liner		H: 20 W: 18	2019
	Rating June: 1.5	Comments: Small transplants, dark leaf with yellow veins			
	Rating July: 2.5	Comments: Low vigor, one dead			
	Rating Aug.: 1.87	Comments: Just starting to put out new growth, interesting veins			
	Rating Sept.: 3	Comments: New growth			
# Planted:	6				
% Survived:					
	Additional Comments:	Low vigor, no flowers			
Heuchera	DOLCE® Wildberry'	Walters Gardens, Inc. /Proven Winners®	dark pink	H: 26 W: 37	2019
	Rating June: 4.0	Comments: Dark purple foliage, large leaves, light pink flowers on a dark stalk			
	Rating July: 1.5	Comments: Bright shiny purple leaves with dark pink flowers, vigorous, mounded			
	Rating Aug.: 3.5	Comments: Vibrant purple foliage			
	Rating Sept.: 1.5	Comments: Vibrant purple leaves			
# Planted:	6				
% Survived:					
	Additional Comments:	Nice purple flower, good vigor, uniform habit, attractive foliage color, flower held well above foliage			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Heuchera	Indian Summer Coralberry	Flamingo Holland		H: 26 W: 39	2019
	Rating June: 1.5	Comments: Orange leaf with dark red veins, uniform			
	Rating July: 1.5	Comments: Mounded habit, purple foliage, handles more sun			
	Rating Aug.: 1.62	Comments: Seems to acclimating to more sun, uniform			
	Rating Sept.: 1.5	Comments: Attractive purple/red foliage, uniform			
# Planted:	18				
% Survived:					
	Additional Comments:	Like how the veins on leaf are darker, uniform habit, attractive foliage color, no flowers			
Heuchera	Indian Summer Gooseberry Lime	Flamingo Holland		H: 18 W: 34	2019
	Rating June: 1.5	Comments: Bright lime-green foliage			
	Rating July: 1.5	Comments: Lime green foliage, mounded habit, some leaf burn			
	Rating Aug.: 1.75	Comments: Some sun scald, seems to be acclimating			
	Rating Sept.: 1.5	Comments: Lime-green foliage, uniform mounds			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform habit, attractive foliage color, no flowers			
Heuchera	NORTHERN EXPOSURE™ Purple	TerraNova	dark pink	H: 26 W: 46	2019
	Rating June: 2.5	Comments: Shiny dark purple/green foliage			
	Rating July: 0.5	Comments: Dark purple foliage, mounded habit, visible veins on leaves			
	Rating Aug.: 2.54	Comments: Uniform mounds, few pale pink flowers			
	Rating Sept.: 0	Comments: Purple top foliage, dark green lower foliage, light pink flowers			
# Planted:	12				
% Survived:					
	Additional Comments:	Like how the veins on leaf are darker, attractive foliage color, few flowers held well above foliage, variable vigor and habit			
Heuchera	NORTHERN EXPOSURE™ Red	TerraNova		H: 18 W: 24	2019
	Rating June: 1.5	Comments: Red/purple foliage, stunted growth due to overwatering			
	Rating July: 1.5	Comments: Low vigor, too much water, dark purple/red foliage			
	Rating Aug.: 1.25	Comments: Too much irrigation, stunted growth			
	Rating Sept.: 1.5	Comments: Putting on new red leaves			
# Planted:	12				
% Survived:					
	Additional Comments:	Low vigor, uniform habit			
Hibiscus	SUMMERIFIC® 'Evening Rose'	Walters Gardens, Inc. /Proven Winners®	dark pink	H: 93 W: 91	2019
	Rating June: 2.0	Comments: Burgundy new growth			
	Rating July: 1.5	Comments: Dark purple green foliage, flower buds present			
	Rating Aug.: 3.37	Comments: Great foliage, dark red blooms			
	Rating Sept.: 1.5	Comments: Dark purple top foliage, dark red/pink flowers			
# Planted:	5				
% Survived:					
	Additional Comments:	No flower buds yet, but love the deep reddish/purple of the new foliage, uniform habit, attractive deep green purple foliage, few flowers, few size appropriate for size of plant few buds, held below foliage			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Hibiscus	Head Over Heels® Blush	Star Roses and Plants	light pink with red eye	H: 68 W: 62	2019
	Rating June: 2.0	Comments: Red/green foliage			
	Rating July: 3.0	Comments: Large white with red center flowers, dark purple green foliage			
	Rating Aug.: 3.41	Comments: Interesting leaf shape, many buds			
	Rating Sept.: 3.5	Comments: White/pink flowers, attractive foliage			
# Planted: 10					
% Survived:					
	Additional Comments:	Lots of flower buds but no flower, uniform habit, very compact plants, attractive foliage color, great flower size, flowers on top, early bloomer			
Hibiscus	Head Over Heels® Passion	Star Roses and Plants	dark pink with red center	H: 53 W: 63	2019
	Rating June: 2.0	Comments: Red/green foliage			
	Rating July: 3.0	Comments: Dark purple green foliage, large dark pink flowers			
	Rating Aug.: 3.25	Comments: Flower not exceptionally vibrant, dark pink, interesting foliage			
	Rating Sept.: 4	Comments: Non-uniform, dark purple/green foliage			
# Planted: 10					
% Survived:					
	Additional Comments:	Lots of flower buds but no flower, uniform habit, very compact plants, flower too large for plant size, attractive foliage color, great flower size, early bloomer			
Lavandula angustifolia	Annet	Darwin Perennials	lavender	H: 48 W: 26	2019
	Rating June: 1.5	Comments: Silver green foliage, wide leaves			
	Rating July: 1.5	Comments: Silvery green foliage			
	Rating Aug.: 2.12	Comments: Overshade by neighboring plants, interesting large leaf			
	Rating Sept.: 1.5	Comments: Silver green foliage, some die-out due to overshadowing			
# Planted: 18					
% Survived:					
	Additional Comments:	Uniform habit, few flowers, good vigor, attractive gray green foliage			
Lavandula angustifolia	Super Blue	Darwin Perennials	dark blue	H: 57 W: 40	2019
	Rating June: 1.5	Comments: Few pale purple flowers			
	Rating July: 1.5	Comments: Uniform, starting to bloom, purple flowers			
	Rating Aug.: 3.87	Comments: Small yet dense habit, covered in purple flowers and bees			
	Rating Sept.: 3.5	Comments: Vigorous, mounded, covered in purple flowers			
# Planted: 18					
% Survived:					
	Additional Comments:	Uniform habit, good green foliage, good vigor, modest color impact			
Lavandula angustifolia	Vintro™ Blue	Syngenta	lavender	H: 33 W: 28	2019
	Rating June: 1.5	Comments: Small transplants			
	Rating July: 1.0	Comments: Compact			
	Rating Aug.: 2.25	Comments: Great vigor! Mounded compact habit, few purple blooms			
	Rating Sept.: 2	Comments: Compact habit, few flowers			
# Planted: 18					
% Survived:					
	Additional Comments:	Looks good for first year planted, compact habit, uniform, gray-green foliage, few flowers, good vigor			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

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Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Lavandula angustifolia	Vintro™ White	Syngenta	white	H: 39 W: 32	2019
	Rating June: 1.5	Comments: Small transplants			
	Rating July: 1.0	Comments: Compact			
	Rating Aug.: 2.75	Comments: Mounded habit, vigorous, white blooms!			
	Rating Sept.: 2	Comments: Vigorous mounded habit, white flowers			
# Planted:	18				
% Survived:					
	Additional Comments:	Silver green foliage, white flowers, compact habit, uniform, good vigor			
Lavandula stoechas	Papillion Deep Rose	DummenOrange	rose	H: 57 W: 44	2019
	Rating June: 1.5	Comments: Silver green foliage, dark pink blooms			
	Rating July: 1.5	Comments: Irregular mounds, few pink flowers			
	Rating Aug.: 1.83	Comments: Flower really small, some chlorosis			
	Rating Sept.: 1.5	Comments: Rounded, some flowers			
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, no flowers, good foliage color			
Lavandula stoechas	Papillion Light Rose White	DummenOrange	light pink	H: 38 W: 39	2019
	Rating June: 1.5	Comments: Non-uniform foliage, pale pink blooms			
	Rating July: 1.5	Comments: Irregular mounds, pink flowers, some yellowing			
	Rating Aug.: 1.66	Comments: Yellowing foliage, really small			
	Rating Sept.: 1.5	Comments: Yellowing foliage, non-uniform			
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, no flowers, medium green foliage color			
Lavandula stoechas	Papillion Purple	DummenOrange	purple	H: 40 W: 41	2019
	Rating June: 2.5	Comments: Non-uniform foliage, pale pink blooms			
	Rating July: 1.5	Comments: Irregular mounds, yellowing foliage, few purple flowers			
	Rating Aug.: 1.66	Comments: Flower really small, some chlorosis, non-uniform			
	Rating Sept.: 1.5	Comments: Non-uniform, yellow foliage			
# Planted:	8				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, no flowers, medium green foliage color			
Leontopodium	Alpine Sensation™	Pacific Plug and Liner	white	H: 28 W: 70	2019
	Rating June: 1.5	Comments: Silver foliage			
	Rating July: 1.0	Comments: Mounded habit			
	Rating Aug.: 3.04	Comments: Blooming white, mounded, compact			
	Rating Sept.: 1	Comments: Frosty white flowers, grass like foliage			
# Planted:	6				
% Survived:					
	Additional Comments:	Uniform plants, good vigor, modest flowering			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Leucanthemum	Madonna	PanAmerican-Kieft Seed	white	H: 28 W: 19	2019
	Rating June: 1.0	Comments: Small uniform transplants			
	Rating July: 1.0	Comments: Compact, bright white flowers			
	Rating Aug.: 2.75	Comments: Compact habit, covered in white blooms			
	Rating Sept.: 2.5	Comments: Compact, mounded, white flowered			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform, compact habit, good bloom count			
Leucanthemum maximum	Early Daisy White	DummenOrange	white	H: 44 W: 47	2019
	Rating June: 4.0	Comments: Large white flowers, uniform			
	Rating July: 1.5	Comments: Uniform habit			
	Rating Aug.: 3.62	Comments: Vigorous, very little flower buds, mounded			
	Rating Sept.: 1.5	Comments: Vigorous, non-uniform coverage of flowers			
# Planted:	9				
% Survived:					
	Additional Comments:	Vigorous, uniform habit, double flowers rebudding, interesting			
Leucanthemum maximum	Sweet Daisy Christine	DummenOrange	white	H: 42 W: 20	2019
	Rating June: 4.0	Comments: Uniform, covered in white flowers			
	Rating July: 1.5	Comments: Uniform, few white flowers			
	Rating Aug.: 3.37	Comments: One weak plant, rounded habit, white flowers, compact			
	Rating Sept.: 3.5	Comments: One weak plant, few flowers			
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform habit, some dying plants, many flowers			
Leucanthemum maximum	Sweet Daisy Sofie	DummenOrange	white	H: 40 W: 29	2019
	Rating June: 4.5	Comments: Uniform, dark green foliage, white flowers			
	Rating July: 1.5	Comments: Compact, a couple white flowers			
	Rating Aug.: 2.54	Comments: Non-uniform, mounded, reblooming			
	Rating Sept.: 1.5	Comments: Non-uniform habit, white flowers			
# Planted:	9				
% Survived:					
	Additional Comments:	Variable plant sizes, many flowers			
Leucanthemum maximum	Western Star™ Gemini	Syngenta	white	H: 39 W: 24	2019
	Rating June: 1.5	Comments: Small transplants			
	Rating July: 1.0	Comments: Compact habit, few white flowers			
	Rating Aug.: 3.29	Comments: Starts as yellow bloom then turns white, compact			
	Rating Sept.: 1	Comments: Uniform, few flowers			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform compact, clean foliage, flowers emerge pale yellow then become white very nice!			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Nepeta	Blue Prelude	Darwin Perennials	blue	H: 29 W: 40	2019
	Rating June:	3.0	Comments:	Uniform , lavender flowers	
	Rating July:	3.0	Comments:	Uniform growth, many pale purple flowers, spotted throat	
	Rating Aug.:	3.37	Comments:	Interesting large leaf, continuous flowering	
	Rating Sept.:	3	Comments:	Continuous bloomer, vigorous	
# Planted:	12				
% Survived:					
	Additional Comments:	Nice light purple flower, uniform, compact habit, good vigor, modest color impact, large florets of medium blue			
Penstemon	Quartz® Red	Darwin Perennials	red	H: 59 W: 39	2019
	Rating June:	3.0	Comments:	Transplant shock, dark pink/red flowers, some yellowing foliage	
	Rating July:	3.5	Comments:	Non-uniform foliage, many dark pink trumpet shaped flowers	
	Rating Aug.:	3.37	Comments:	Full bloom, very showy, leaf compliments large flowers	
	Rating Sept.:	3.5	Comments:	Non-uniform, leggy, continuous bloomer	
# Planted:	12				
% Survived:					
	Additional Comments:	Bit leggy, plants lodge with overhead irrigation, medium green foliage, many flowers give good late summer color			
Perovskia	CrazyBlue	Darwin Perennials	lavender	H: 74 W: 35	2019
	Rating June:	4.0	Comments:	Few pale purple flowers	
	Rating July:	3.0	Comments:	Some pale purple flowers	
	Rating Aug.:	3.5	Comments:	Vigorous growth, lavender colored flowers	
	Rating Sept.:	3	Comments:	Long season of bloom	
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform habit, good vigor, good color impact, compact plants, no lodging			
Phlox	Opening Act Ultrapink	Walters Gardens, Inc. /Proven Winners®	bright pink	H: 44 W: 42	2019
	Rating June:	3.0	Comments:	Dark green foliage with light pink flowers	
	Rating July:	3.5	Comments:	Uniform, many dark pink flowers	
	Rating Aug.:	3	Comments:	Short mounded habit, sparse blooming	
	Rating Sept.:	3.5	Comments:	Powdery mildew present, some yellowing foliage	
# Planted:	9				
% Survived:					
	Additional Comments:	Uniform habit, compact, some flowers and flower impact			
Phlox paniculata	Flame Pro Violet Charme	DummenOrange	pink	H: 36 W: 18	2019
	Rating June:	3.5	Comments:	Compact foliage with purple/pink flowers	
	Rating July:	2.5	Comments:	Compact foliage, flower heavy	
	Rating Aug.:	2.62	Comments:	Not vigorous, interesting flower color	
	Rating Sept.:	2.5	Comments:	Powdery mildew on top foliage, compact	
# Planted:	9				
% Survived:					
	Additional Comments:	Nice flower with edge of purple, uniform habit, compact, some flowers and flower impact			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Rosa	Cherry Frost™	Star Roses and Plants	red and white	H: 87 W: 40	2019
	Rating June: 3.0	Comments: Dark foliage, long stems			
	Rating July: 4.0	Comments: Long stems, many variations in flower color			
	Rating Aug.: 3.25	Comments: Showy, climbing habit, leggy but good foliage color			
	Rating Sept.: 3	Comments: Few flowers, long stems			
# Planted:	15				
% Survived:					
	Additional Comments:	Nice pink white flower color, uniform habit, clean foliage, some flowers, pink/white bicolor buds			
Rosa	Dawn™	Eason Horticulture/Sunfire Nurseries	pale pink	H: 66 W: 33	2019
	Rating June: 2.0	Comments: Dark green foliage, uniform, few peach colored flowers			
	Rating July: 2.0	Comments: Pale peach colored blooms, uniform			
	Rating Aug.: 2.75	Comments: Mounded habit, dusty pink flowers			
	Rating Sept.: 3	Comments: Yellowing foliage, irregular habit, few peachy flowers			
# Planted:	10				
% Survived:					
	Additional Comments:	Medium green foliage, good vigor, some chlorosis, modest flower production, too shady to get good results			
Rosa	First Lady™	Eason Horticulture/Sunfire Nurseries	soft pink	H: 50 W: 48	2019
	Rating June: 3.5	Comments: Some yellowing foliage, pale pink blooms			
	Rating July: 3.0	Comments: One plant is the incorrect variety, non-uniform foliage			
	Rating Aug.: 2.75	Comments: Pink blooms, non-uniform habit			
	Rating Sept.: 3	Comments: Leggy stems, few flowers			
# Planted:	10				
% Survived:					
	Additional Comments:	Nice light pink color, medium green foliage, some chlorosis, good 1st year flower production, too shady to get good results			
Rosa	Purple Prince™	Eason Horticulture/Sunfire Nurseries	dark pink	H: 68 W: 54	2019
	Rating June: 2.5	Comments: Dark green foliage, long stems, dark purple/red flowers			
	Rating July: 3.0	Comments: Long stems, non-uniform, few flowers			
	Rating Aug.: 2.75	Comments: Vibrant flower, very elongated stems			
	Rating Sept.: 3	Comments: Chlorotic lower foliage, non-uniform, few flowers			
# Planted:	10				
% Survived:					
	Additional Comments:	No flowers yet but lots of flower buds, medium green foliage, some chlorosis, good 1st year flower production, too shady to get good results			
Rosa	Sunbeam Veranda®	Star Roses and Plants	yellow	H: 55 W: 36	2019
	Rating June: 1.5	Comments: Shiny dark green foliage, compact upright plants			
	Rating July: 4.5	Comments: Dark green foliage, dark yellow flowers fade to pale yellow			
	Rating Aug.: 3.5	Comments: Dark foliage, attractive blooms			
	Rating Sept.: 4	Comments: Dark green foliage, yellow fading blooms			
# Planted:	10				
% Survived:					
	Additional Comments:	Uniform habit, clean foliage, decent flowering for 1st year plants, flowers open butter yellow then fade to pale cream			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Rosa	Touch of Pink™	Eason Horticulture/Sunfire Nurseries	white	H: 54 W: 35	2019
	Rating June: 3.0	Comments: Yellowing foliage, fairly uniform			
	Rating July: 1.5	Comments: Some yellowing foliage, white flowers			
	Rating Aug.: 2.37	Comments: Yellowing foliage, white flowers			
	Rating Sept.: 3	Comments: Chlorotic lower foliage, few flowers			
# Planted: 10					
% Survived:					
	Additional Comments:	More creamy color than pink, pale green, chlorotic foliage, few flowers too shady to get good results			
Rudbeckia triloba	Blackjack Gold'	Jelitto	yellow	H: 31 W: 28	2019
	Rating June: 1.5	Comments: Small transplants, hairy leaves			
	Rating July: 2.5	Comments: Golden yellow blooms with light yellow cone			
	Rating Aug.: 3.37	Comments: Attractive bloom, interesting petal shape, fades to brown tips - not very attractive			
	Rating Sept.: 3	Comments: Large yellow flower on compact foliage			
# Planted: 18					
% Survived:					
	Additional Comments:	Very nice bright yellow bloom, stands out in the flower bed, very compact plants appear out of balance with many large flowers			
Salvia	New Dimension™ Blue	PanAmerican-Kieft Seed	dark purple	H: 54 W: 57	2019
	Rating June: 3.5	Comments: Few dark blue flower spikes			
	Rating July: 1.0	Comments: Compact mound, dark blue flowers			
	Rating Aug.: 2.87	Comments: Some lodging stems, covered in dark blue flowers			
	Rating Sept.: 3	Comments: Powdery mildew on flower heads			
# Planted: 18					
% Survived:					
	Additional Comments:	Pale green foliage, flower stems lodge with overhead irrigation, past peak bloom			
Salvia	New Dimension™ Rose Improved	PanAmerican-Kieft Seed	dark pink	H: 36 W: 48	2019
	Rating June: 3.5	Comments: Few light pink flower spikes			
	Rating July: 1.0	Comments: Irregular mounded habit, few dark pink flowers			
	Rating Aug.: 2.87	Comments: Compact, not as vigorous, dark pink blooms			
	Rating Sept.: 3	Comments: Compact habit, dark pink flowers			
# Planted: 12					
% Survived:					
	Additional Comments:	Pale green foliage, flower stems lodge with overhead irrigation, past peak bloom			
Salvia	Salvatore Blue	PanAmerican-Kieft Seed	blue	H: 49 W: 85	2019
	Rating June: 3.0	Comments: Dark purple/blue flowers			
	Rating July: 1.0	Comments: Irregular habit, few dark blue flowers			
	Rating Aug.: 3	Comments: Dark bloom and stem, non-uniform			
	Rating Sept.: 2.5	Comments: Some lodging stems, few flowers			
# Planted: 12					
% Survived:					
	Additional Comments:	Good vigor, pale green foliage color			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Salvia nemorosa	Apex™ Blue	Danziger	dark blue	H: 40 W: 38	2019
	Rating June:	2.5	Comments:	Compact foliage with blue flowers, non-uniform	
	Rating July:	4.0	Comments:	Compact habit, covered in purple flowers	
	Rating Aug.:	2.25	Comments:	Cut back due to presence of mildew, light green foliage, mounded	
	Rating Sept.:	2.5	Comments:	Few weak plants, mounded habit	
# Planted:	18				
% Survived:					
	Additional Comments:	Pale green foliage, some dead/dying plants, no flowers			
Salvia nemorosa	Apex™ Pink	Danziger	pink	H: 39 W: 37	2019
	Rating June:	3.0	Comments:	Compact foliage with pink flowers	
	Rating July:	4.0	Comments:	Compact, covered in pale pink flowers	
	Rating Aug.:	2.12	Comments:	Cut back due to mildew problems, nice pink flower	
	Rating Sept.:	2.5	Comments:	Some die-back, yellowing foliage	
# Planted:	18				
% Survived:					
	Additional Comments:	Pale green foliage, low vigor, some plants dead/dying, no flowers			
Salvia nemorosa	Salute Blue Improved	DummenOrange	blue	H: 47 W: 80	2019
	Rating June:	2.5	Comments:	Uniform habit	
	Rating July:	1.5	Comments:	Some powdery mildew on spent flowers, some yellowing	
	Rating Aug.:	3.5	Comments:	Some disease on spent flowers, lodging stems	
	Rating Sept.:	3	Comments:	Powdery mildew on flower stalks, some lodging	
# Planted:	8				
% Survived:					
	Additional Comments:	Few flower buds, uniform habit, compact, no flowers, no color impact			
Salvia x superba	Bordeau™ Compact Sky Blue	Syngenta	blue	H: 35 W: 69	2019
	Rating June:	1.5	Comments:	Some yellowing	
	Rating July:	1.5	Comments:	Compact habit, covered in flower buds	
	Rating Aug.:	3.25	Comments:	Very compact habit, light blue flowers	
	Rating Sept.:	4	Comments:	Compact habit, few flowers	
# Planted:	16				
% Survived:					
	Additional Comments:	Uniform habit, few flowers, low color impact			
Salvia x superba	Bordeau™ Deep Blue	Syngenta	blue	H: 46 W: 50	2019
	Rating June:	2.5	Comments:	Some yellowing	
	Rating July:	3.5	Comments:	Compact habit, few purple flowers	
	Rating Aug.:	3.87	Comments:	Very vibrant dark blue flower	
	Rating Sept.:	3.5	Comments:	Non-uniform, few flowers	
# Planted:	18				
% Survived:					
	Additional Comments:	Few flowers, uniform habit, good color impact, many flowers, good foliage color			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Salvia x superba	Bordeau™ Rose	Syngenta	rose	H: 46 W: 41	2019
	Rating June: 2.5	Comments: Dark green foliage			
	Rating July: 1.0	Comments: Compact, dark green foliage, few dark pink flowers			
	Rating Aug.: 3.12	Comments: Compact habit, mounded, dark pink flowers with dark stems			
	Rating Sept.: 3	Comments: Compact, mounded, few pink flowers			
# Planted: 16					
% Survived:					
	Additional Comments:	Few flowers, uniform habit, low color impact, past peak bloom			
Salvia x superba	Bordeau™ White	Syngenta	white	H: 53 W: 71	2019
	Rating June: 1.5	Comments: Uniform, dark green foliage			
	Rating July: 1.0	Comments: Compact habit, few buds			
	Rating Aug.: 3.12	Comments: Attractive white flowered salvia			
	Rating Sept.: 3	Comments: White flowered, uniform			
# Planted: 16					
% Survived:					
	Additional Comments:	Uniform habit, many flowers, good color impact			
Sedum	ROCK 'N GROW® Boogie Woogie	Walters Gardens, Inc. /Proven Winners®	yellow	H: 10 W: 42	2019
	Rating June: 2.5	Comments: Attractive variegated foliage			
	Rating July: 4.0	Comments: Mounded habit, groundcover, few yellow flowers			
	Rating Aug.: 3	Comments: Variageted foliage with few yellow flowers			
	Rating Sept.: 4.5	Comments: Mounded groundcover, few yellow flowers			
# Planted: 6					
% Survived:					
	Additional Comments:	Uniform habit, good vigor, few flowers			
Sedum	Double Martini'	TerraNova	dark pink	H: 38 W: 38	2019
	Rating June: 3.0	Comments: Attractive dark red stems with pink flowers			
	Rating July: 1.0	Comments: Hail damage to leaves and stems, new growth is light green, few tiny pink flowers			
	Rating Aug.: 2.79	Comments: Attractive red stems, love this foliage! New growth contrasts against purple stems			
	Rating Sept.: 2.5	Comments: Attractive dark red stems, dark pink flowers, upright habit			
# Planted: 12					
% Survived:					
	Additional Comments:	Uniform habit, many buds about to open, good foliage color, compact			
Sedum rupestre	Prima Angelina	Darwin Perennials		H: 16 W: 66	2019
	Rating June: 2.0	Comments: Establishing after planting, pale green foliage			
	Rating July: 3.0	Comments: Starting to form a mat of groundcover, lime-green foliage			
	Rating Aug.: 2.75	Comments: Attractive lime green foliage, filling in nicely, vigorous			
	Rating Sept.: 3	Comments: Foliage Power! Attractive!			
# Planted: 12					
% Survived:					
	Additional Comments:	Attractive foliage, uniform habit, good vigor			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Sedum spurium	Summer Snow'	Jelitto		H: 16 W: 54	2019
	Rating June: 1.5	Comments: Establishing nicely!			
	Rating July: 1.0	Comments: Attractive green groundcover			
	Rating Aug.: 1.66	Comments: Attractive ground cover, interesting foliage variation			
	Rating Sept.: 1	Comments: Dark green foliage			
# Planted:	15				
% Survived:					
	Additional Comments:	Uniform, good vigor, no flowers			
Senecio	Angel Wings	Flamingo Holland		H: 27 W: 46	2019
	Rating June: 4.0	Comments: Silvery white foliage			
	Rating July: 1.0	Comments: Hail damage to leaves, soft silvery foliage			
	Rating Aug.: 2.16	Comments: Insect damage, few weak plants			
	Rating Sept.: 2	Comments: Insect damage on leaves			
# Planted:	9				
% Survived:					
	Additional Comments:	Plant stands out, striking foliage size and color, no flowers, good foliage color			
Stachys lavandulifolia	Green form	Plant Select	light purple	H: 29 W: 53	2019
	Rating June: 1.5	Comments: Groundcover, light green foliage			
	Rating July: 1.5	Comments: Spreading, small purple flowers			
	Rating Aug.: 2.37	Comments: Vigorous groundcover			
	Rating Sept.: 3.5	Comments: Vigorous groundcover			
# Planted:	18				
% Survived:					
	Additional Comments:	Compact, uniform habit, good vigor, no flowers			
Veronica	MAGIC SHOW® Purple Illusion	Walters Gardens, Inc. /Proven Winners®	purple	H: 39 W: 49	2019
	Rating June: 4.0	Comments: Uniform, purple flowers			
	Rating July: 1.0	Comments: Irregular mounded habit, few light purple flowers			
	Rating Aug.: 2.5	Comments: Bright green new growth, few blooms			
	Rating Sept.: 2	Comments: Non-uniform mounds, few flowers			
# Planted:	6				
% Survived:					
	Additional Comments:	Good vigor, good foliage color, few flowers			
Veronica	Moody Blues® Mauve Improved	Darwin Perennials	dark pink	H: 56 W: 53	2019
	Rating June: 4.0	Comments: Uniform habit, pale purple spikes			
	Rating July: 1.5	Comments: Compact, mounded, uniform coverage of purple flowers			
	Rating Aug.: 3.62	Comments: Reblooming, continues to send out new spikes, attractive mounded habit			
	Rating Sept.: 3	Comments: Mounded, covered in flower spikes			
# Planted:	18				
% Survived:					
	Additional Comments:	Uniform habit, good foliage color, good color impact			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of 2019 Size, Data and Comments for 2019

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Veronica	VENTURE™ Blue	TerraNova	blue	H: 31 W: 19	2019
	Rating June:	3.5	Comments:	Very compact foliage, dark blue flower spikes	
	Rating July:	3.0	Comments:	Compact foliage with dark blue flowers	
	Rating Aug.:	2.5	Comments:	Small/low vigor	
	Rating Sept.:	3.5	Comments:	Very compact, few dark blue flowers	
# Planted:	12				
% Survived:					
	Additional Comments:	Low vigor, uniform habit, few flowers			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None. Average ratings based on evaluations by Perennial subcommittee members.

Percent survived is based on plants surviving from initial planting.

Class of: 2019

Coordinator Plant and Flower Ratings for 2019

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Achillea	Firefly Sunshine	P		3	3	3	4	5	3	3	3.73
		F		3	0	0	4	5	3	0	3.37
Achillea ageratifolia	Greek	P	3	3	3	3	3	4	3	3	2.67
		F	4	3	0	3	3	3	2	0	1.8
Achillea millefolium	Desert Eve™ Deep Rose	P		3	3	3	4	5	4	3	3.01
		F		3	3	0	4	5	4	0	2.84
Achillea millefolium	Desert Eve™ Red	P		3	3	3	4	5	4	3	3.16
		F		3	3	3	4	5	4	0	2.72
Achillea millefolium	Desert Eve™ Terracotta	P		2	3	3	3	4	3	3	3.1
		F		0	0	3	3	5	3	1	1.67
Achillea millefolium	Milly Rock Red	P		3	3	4	4	5	3	3	3.81
		F		3	3	4	4	4	3	0	3.5
Achillea millefolium	Milly Rock Rose	P		3	3	3	4	5	2	3	3.7
		F		3	3	4	4	4	2	0	2.97
Agastache	Sunny Sparks™ Pink	P	3	3	3	3	3	4	3	2	3.2
		F	3	3	3	4	3	3	3	0	3.1
Artemisia abrotanum	Leprechaun	P	3	3	3	3	5	5	4	3	3.72
		F	0	0	0	0	0	0	0	0	0
Brunnera	ALCHEMY™ Pewter	P	3	3	3	3	3	3	3	2	3.02
		F	0	0	0	0	3	1	0	0	0.7
Brunnera	ALCHEMY™ Silver	P	3	3	3	3	3	3	3	2	3.07
		F	0	0	0	0	3	1	0	0	0.8
Carex	Feather Falls™	P		3	3	3	3	3	4	3	3.27
		F		0	0	0	0	0	0	0	2
Caryopteris	Gold Crest	P	3	4	3	4	4	3	4	2	3.57
		F	2	3	3	3	0	0	4	0	1.37
Caryopteris	Pavilion™ Pink	P	3	3	3	3	3	4	4	2	3.37
		F	0	3	3	0	0	0	4	0	0.85
Caryopteris clandonensis	Grand Bleu®	P	3	3	3	4	4	5	4	2	3.4
		F	2	3	3	3	4	5	4	0	3
Coreopsis	Uptick™ Yellow & Red	P	3	3	3	3	3	3	3	3	3.4
		F	1	3	4	4	3	4	0	0	3.92
Coreopsis	Uptick™ Gold & Bronze	P	3	3	3	3	3	4	3	3	3.52
		F	1	3	4	4	3	3	2	0	3.95

*P indicates plant rating on a scale of 0 to 5.

*F indicates flower rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2019

Coordinator Plant and Flower Ratings for 2019

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Coreopsis grandiflora	SunSwirl	P	3	3	2	3	2	2	2	2	2.77
		F	3	3	3	3	2	1	0	0	2.62
Coreopsis grandiflora	Castello™ Pompon Yellow	P	2	3	3	3	3	3	3	2	2.7
		F	2	3	3	3	3	3	1	0	2.5
Delosperma	Luckhofii-Hybr.¹	P		2	3	2	2	2	2	2	2.62
		F		0	0	0	1	1	0	0	0.25
Delosperma cooperi	Solstice Pink	P		3	3	3	4	3	3	2	3.46
		F		0	3	3	4	3	2	0	1.52
Delosperma cooperi	Rock Crystal White	P		3	3	3	3	3	3	3	3.4
		F		0	0	3	3	1	2	0	0.25
Delosperma cooperi	Solstice Rose	P		3	3	3	3	3	3	3	3.4
		F		0	0	3	3	2	2	0	2.41
Delosperma cooperi	Rock Crystal Purple	P		3	3	3	3	3	2	2	2.44
		F		0	0	3	3	2	1	0	2.19
Delosperma cooperi	Solstice Yellow	P		3	3	3	3	3	3	3	3.4
		F		0	0	3	3	2	1	0	2.39
Delosperma cooperi	Rock Crystal Yellow	P		3	3	3	3	4	3	3	3.32
		F		2	0	4	3	4	0	0	2.57
Delosperma cooperi	Rock Crystal Orange	P		3	3	3	3	3	3	3	2.95
		F		0	0	4	3	2	2	0	2.24
Delosperma cooperi	Solstice Red	P		3	3	3	3	3	3	3	3.4
		F		0	0	3	3	2	2	0	2.41
Dendranthema	Brilliant Igloo	P	3	3	3	3	3	3	5	3	3.55
		F	2	4	0	3	0	0	5	0	2.28
Dendranthema	Autumn Spice Igloo	P	3	3	3	3	3	3	5	3	3.35
		F	1	3	0	3	0	0	5	0	2.2
Dianthus	Constant Beauty® Crush Orange	P		2	2	3	2	3	3	2	2.38
		F		2	2	3	3	3	2	0	1.56
Dianthus	Rockin'™ Purple	P		3	4	4	4	5	5	3	3.85
		F		0	4	4	4	5	5	1	3.5
Dianthus	Constant Beauty® Crush Pink	P		2	2	2	2	2	2	3	2.32
		F		0	3	3	2	3	2	2	1.36
Dianthus	Mountain Frost™ Red Garnet	P	3	3	3	4	3	3	3	3	2.87
		F	3	3	0	3	3	3	1	1	2.22

*P indicates plant rating on a scale of 0 to 5.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/No Flowers

*F indicates flower rating on a scale of 0 to 5.

Ratings of 3 and above are considered showy for most landscapes.

NP = Not Present/Planted

Class of: 2019

Coordinator Plant and Flower Ratings for 2019

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Dianthus	Constant Beauty® Crush Cherry	P		2	2	2	2	2	2	3	3.52
		F		0	3	4	2	3	2	1	0.89
Dianthus	Rockin™ Red	P		3	3	4	5	5	5	3	3.4
		F		0	3	4	5	5	5	1	2.9
Dianthus	Rockin™ Rose	P		3	4	4	4	5	5	3	3.6
		F		0	4	4	4	5	5	1	3.55
Dianthus	Rockin™ Pink Magic	P		3	3	4	5	5	5	3	3.6
		F		0	3	4	5	5	5	1	2.95
Digitalis	Arctic Fox Rose	P		3	3	3	3	3	3	4	3.29
		F		4	3	0	4	3	1	0	2.42
Digitalis purpurea	Camelot™ Rose	P		2	3	3	5	5	3	3	3.21
		F		0	0	0	4	4	1	0	1.05
Digitalis purpurea	Camelot™ Lavender	P		2	3	3	5	5	3	3	3.21
		F		0	0	0	4	5	1	0	1.18
Dracocephalum ruyschiana		P	3	3	3	3	3	3	3	3	3.5
		F	0	0	0	0	3	2	0	0	1.17
Echibeckia	Summerina® Blazing Fire™	P	3	3	3	4	4	5	4	3	3.47
		F	0	0	0	4	4	5	4	0	2.12
Echibeckia	Summerina® Sizzling Sunset™	P	3	3	3	4	4	5	4	3	3.47
		F	0	0	0	4	4	5	4	0	2.12
Echinacea	Sombrero® Summer Solstice	P	3	3	3	4	3	4	3	3	3.05
		F	1	3	4	4	3	3	3	0	3.17
Echinacea	MOOODZ® Glory	P	3	3	3	3	3	4	3	3	3.12
		F	0	1	3	3	3	4	3	0	2.27
Echinacea	Sunseekers Coral	P	3	3	3	4	4	4	3	3	3.17
		F	0	2	3	4	4	4	2	0	2.92
Echinacea	MOOODZ® Sympathy	P	3	3	3	3	3	4	5	3	3.17
		F	0	1	3	3	3	3	5	0	2.65
Echinacea	Sombrero® Tango Tangerine	P	3	3	3	4	3	4	3	3	3.05
		F	0	3	4	4	3	3	3	0	2.8
Echinacea purpurea	Lovely Lolly	P	3	3	3	3	3	4	3	3	2.97
		F	0	2	3	3	3	4	3	0	2.2
Echinacea purpurea	Prairie Splendor™ Compact Rose Dark Cone	P		3	3	3	3	4	5	3	3.28
		F		0	0	0	3	4	5	0	1.69

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Class of: 2019

Coordinator Plant and Flower Ratings for 2019

Genus	Common Name		6/11	6/27	7/10	7/22	8/9	8/24	9/27	10/14	Average
Erysimum	Sunstrong™ Orange	P		3	3	3	5	5	4	3	3.74
		F		3	3	0	4	4	4	3	3.55
Erysimum hybrida	Sunstrong™ Bicolor Purple	P		3	3	3	5	5	4	3	3.79
		F		3	3	0	5	5	4	3	3.55
Eupatorium purpureum	Euphoria™ Ruby	P	2	3	2	3	3	3	3	2	2.67
		F	2	0	0	0	2	0	1	0	0.42
Euphorbia	Miner's Merlot™ PPAF	P	3	3	3	3	5	5	4	5	3.72
		F	0	3	0	0	0	0	0	0	0.07
Gaura	Bantam® Iris Pink	P		2	3	3	3	3	4	2	3.37
		F		2	3	0	0	0	4	0	3.35
Gaura	Steffi™ Blush Pink	P		3	3	3	3	3	3	1	3.39
		F		3	3	0	0	0	3	0	2.85
Gaura	Steffi™ Dark Rose	P		3	3	3	3	3	3	2	3.03
		F		2	3	0	0	0	2	0	0.6
Gaura	Grace™ Compact Pink	P		3	3	3	3	3	3	1	2.54
		F		3	3	3	0	0	3	0	0.94
Gaura lindheimeri	Graceful Light Pink	P	3	3	3	3	3	3	3	2	2.97
		F	1	3	3	0	3	2	3	0	2.72
Gaura lindheimeri	Graceful White	P	3	4	4	3	3	3	3	2	3.07
		F	2	4	4	4	0	0	1	0	2.57
Helleborus	Frost Kiss® Molly's White®	P	2	2	3	2	3	3	3	3	2.32
		F	0	0	0	0	0	0	0	0	0
Helleborus	Frost Kiss® Pippa's Purple®	P	2	2	3	2	3	3	3	3	2.32
		F	0	0	0	0	0	0	0	0	0
Helleborus	Winter's Angels™ Charmer™	P	2	2	3	2	3	3	3	3	2.57
		F	0	0	0	0	0	0	0	0	1.5
Heuchera	Indian Summer Gooseberry Lime	P	3	3	3	3	3	3	4	2	3.1
		F	0	0	0	0	0	0	0	0	0
Heuchera	DOLCE® Wildberry'	P	3	3	3	3	3	3	3	4	3.32
		F	2	3	3	3	3	0	1	0	1.87
Heuchera	NORTHERN EXPOSURE™ Red	P	3	2	3	2	2	2	3	3	2.8
		F	0	0	0	0	0	0	0	0	0
Heuchera	NORTHERN EXPOSURE™ Purple	P	3	3	3	3	3	3	4	4	2
		F	0	0	0	0	3	3	4	0	1.11

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Heuchera	Indian Summer Coralberry	P	3	3	3	3	3	3	4	3	3.07
		F	0	0	0	0	0	0	0	0	0
Hibiscus	SUMMERIFIC® 'Evening Rose'	P	3	3	3	3	4	4	4	2	3.4
		F	0	0	0	0	4	1	4	0	0.82
Hibiscus	Head Over Heels® Passion	P	3	3	3	3	3	4	4	2	3.52
		F	0	0	4	4	4	3	4	0	2.47
Hibiscus	Head Over Heels® Blush	P	3	3	3	3	3	4	4	2	3.32
		F	0	0	4	0	4	0	4	0	2.36
Lavandula angustifolia	Super Blue	P	3	3	3	3	5	5	5	3	3.1
		F	3	3	3	3	5	5	5	0	2.47
Lavandula angustifolia	Vintro™ Blue	P	2	2	2	3	3	3	3	3	2.42
		F	0	0	0	0	3	2	4	0	1.02
Lavandula angustifolia	Annet	P	3	3	3	3	3	4	3	3	3.07
		F	0	0	0	0	0	0	3	0	0.27
Lavandula angustifolia	Vintro™ White	P	2	2	2	3	3	3	3	3	2.47
		F	0	2	0	0	3	3	4	0	1.25
Lavandula stoechas	Papillion Purple	P		3	3	3	3	2	3	2	3
		F		2	3	3	0	0	0	0	0.62
Lavandula stoechas	Papillion Light Rose White	P		3	3	3	3	3	3	2	3.03
		F		0	3	3	0	0	0	0	0.17
Lavandula stoechas	Papillion Deep Rose	P		3	3	3	3	3	3	2	3.1
		F		0	3	3	0	0	0	0	0.17
Leontopodium	Alpine Sensation™	P	3	3	3	3	3	3	3	3	2.55
		F	0	0	0	3	3	3	3	0	0.96
Leucanthemum	Madonna	P		3	3	3	3	3	3	3	2.3
		F		0	3	3	3	3	3	0	1.62
Leucanthemum maximum	Sweet Daisy Sofie	P	3	4	3	3	3	3	3	3	3.17
		F	3	4	3	2	2	2	3	0	1.94
Leucanthemum maximum	Western Star™ Gemini	P	2	2	3	3	3	3	4	3	2.62
		F	0	0	3	3	3	3	3	0	1.04
Leucanthemum maximum	Sweet Daisy Christine	P	3	4	3	3	3	3	3	3	3.27
		F	3	4	3	0	3	3	3	0	2.77
Leucanthemum maximum	Early Daisy White	P	3	4	3	3	3	3	3	3	3.47
		F	3	4	0	0	3	2	2	0	1.75

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Nepeta	Blue Prelude	P	3	3	4	3	3	3	3	3	3.12
		F	2	3	4	3	3	3	2	0	2.95
Penstemon	Quartz® Red	P	3	2	3	3	5	4	3	3	3.05
		F	2	3	3	3	5	4	3	0	3.52
Perovskia	CrazyBlue	P	3	3	3	3	3	4	4	3	3.35
		F	2	3	3	3	3	4	4	0	3.25
Phlox	Opening Act Ultrapink	P	3	3	4	3	4	3	2	3	3.02
		F	3	3	4	3	4	2	2	0	3.32
Phlox paniculata	Flame Pro Violet Charme	P	3	3	3	3	3	3	2	3	2.47
		F	3	3	3	3	4	2	2	0	3.05
Rosa	Dawn™	P		3	3	3	3	3	3	3	3.6
		F		3	3	3	3	3	2	0	1.38
Rosa	Purple Prince™	P	3	3	3	3	2	3	2	3	3.1
		F	3	3	4	0	3	3	2	0	2.4
Rosa	Cherry Frost™	P		3	3	3	4	3	3	3	3.52
		F		0	4	3	4	2	1	0	2.8
Rosa	Sunbeam Veranda®	P		3	3	4	4	4	4	3	3.66
		F		3	4	4	4	4	4	0	3.1
Rosa	First Lady™	P	3	3	2	3	3	3	2	3	3.1
		F	3	3	3	0	3	3	2	0	2.77
Rosa	Touch of Pink™	P	3	3	3	3	2	2	2	3	3.02
		F	0	0	3	3	3	3	2	0	1.8
Rudbeckia triloba	Blackjack Gold'	P		2	3	3	5	3	3	2	2.8
		F		0	3	4	5	4	3	0	2.49
Salvia	New Dimension™ Blue	P		3	3	3	3	3	3	3	2.75
		F		2	3	3	3	3	3	0	2.48
Salvia	New Dimension™ Rose Improved	P		3	3	3	3	3	2	3	2.72
		F		2	3	3	3	3	2	0	2.45
Salvia	Salvatore Blue	P		3	3	3	3	3	3	3	2.55
		F		3	3	3	4	3	2	0	2.36
Salvia nemorosa	Apex™ Pink	P	3	3	4	4	2	2	3	3	3.05
		F	1	3	4	4	2	0	2	0	3
Salvia nemorosa	Salute Blue Improved	P	3	3	3	3	4	3	2	3	3.35
		F	0	0	0	2	4	1	0	0	2.02

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Salvia nemorosa	Apex™ Blue	P	3	3	4	4	2	2	3	3	3.1
		F	0	3	4	4	2	0	2	0	2.77
Salvia x superba	Bordeau™ Rose	P		3	3	3	4	3	3	3	2.82
		F		0	0	0	4	3	0	0	1.85
Salvia x superba	Bordeau™ White	P		3	3	3	4	4	3	3	2.9
		F		0	0	0	4	4	1	0	1.45
Salvia x superba	Bordeau™ Compact Sky Blue	P		3	3	3	4	3	3	3	3.27
		F		0	0	0	4	3	0	0	1.65
Salvia x superba	Bordeau™ Deep Blue	P		3	3	3	4	3	3	3	3.12
		F		0	0	0	4	4	2	0	3.13
Sedum	ROCK 'N GROW® Boogie Woogie	P	3	3	3	3	5	5	4	3	3.72
		F	0	3	0	0	4	1	3	0	2.87
Sedum	Double Martini'	P	3	3	2	3	4	4	5	3	2.72
		F	3	3	0	0	0	4	5	3	2.11
Sedum rupestre	Prima Angelina	P	2	3	3	3	4	5	5	3	3.5
		F	0	0	0	0	4	0	0	0	1.6
Sedum spurium	Summer Snow'	P	2	3	3	3	3	5	3	3	2.69
		F	0	0	0	0	0	0	2	0	0.05
Senecio	Angel Wings	P		3	3	3	3	3	3	4	2.89
		F		0	0	0	0	0	0	0	1.4
Stachys lavandulifolia	Green form	P	3	3	3	4	3	4	3	3	3.2
		F	0	0	0	3	3	0	1	1	0.4
Veronica	VENTURE™ Blue	P	2	3	2	3	3	3	3	3	2.85
		F	3	3	3	2	3	1	1	0	3.1
Veronica	MAGIC SHOW® Purple Illusion	P	3	3	3	3	3	3	3	3	2.75
		F	3	3	0	2	3	1	1	2	2.02
Veronica	Moody Blues® Mauve Improved	P	3	3	3	3	4	4	5	3	3.4
		F	2	3	3	3	4	4	4	2	2.77

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