

Colorado State University
2018 Perennial Flower Trial
Performance Report



Department of Horticulture and Landscape Architecture

1401 Remington Street

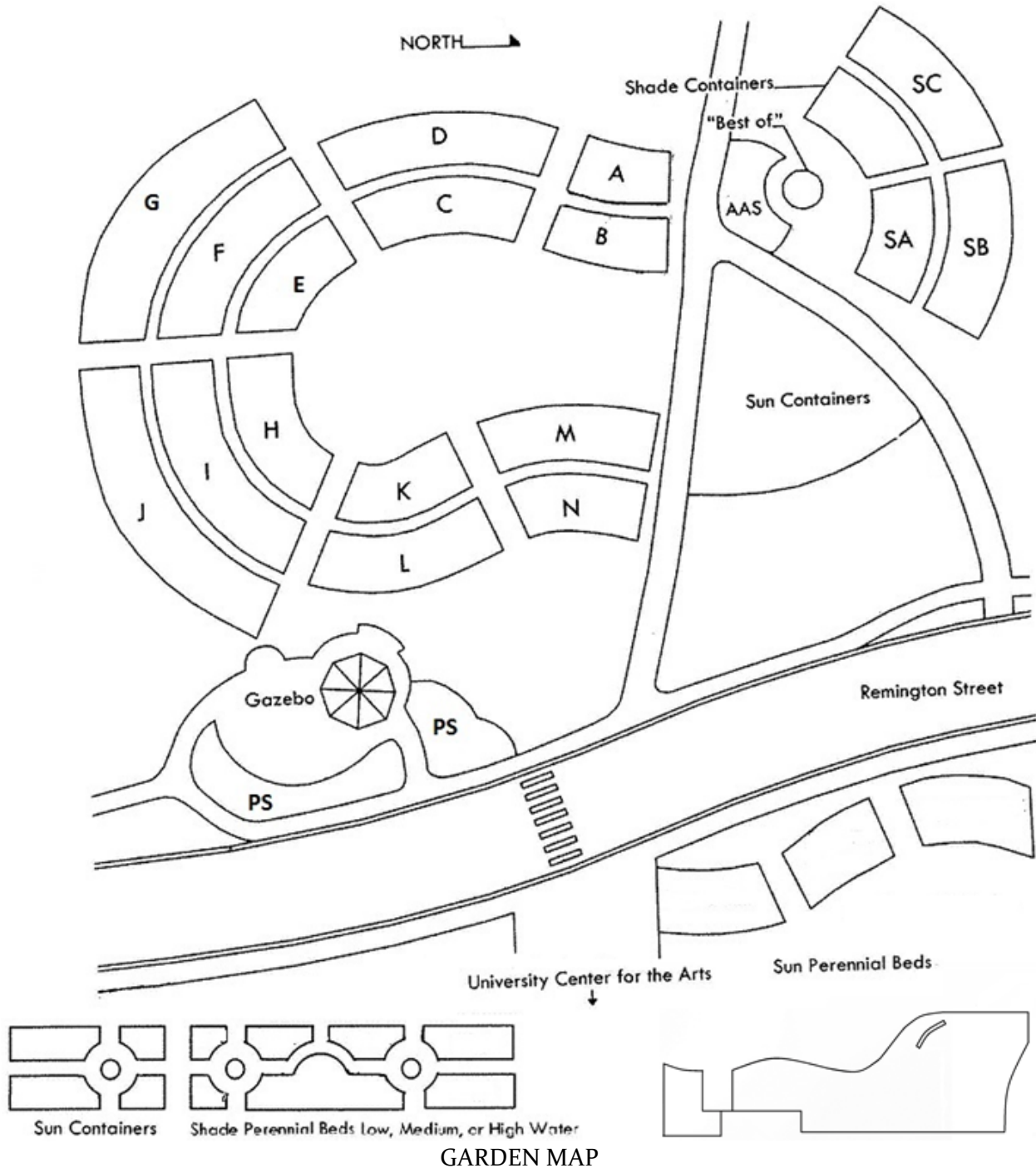
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(Click on "Trials" tab and select "Perennial Results")

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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

2018 Perennial Trial Garden Performance Report

Dr. James E. Klett, David Staats and David McKinney

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 16th, 2018 to review data and photos to vote on which entries should be designated a “Top Performer” for the class of 2016.

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 18 plant and seed companies participated in the trials, entering 95 new varieties of herbaceous perennial plants for a total of 256 entries in the trials:

Blooms of Bressingham	North Creek Nurseries
Danziger	PanAmerican/Kieft
Darwin Perennials	Plant Select®
Dummen Orange	Plants Nouveau
Eason Horticulture Resources	Schoneveld
Green Fuse Botanicals	Skagit Gardens
Hilverdakooij	Star Roses and Plants/Conard-Pyle Co.
Intrinsic Perennial Gardens	Terra Nova Nurseries
Jelitto Perennial Seeds	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 Gulley Greenhouse, Altman Plants, 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, April Ferzoco

All the Larimer County Master Gardeners who volunteered their time and hard work.

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), Frank Yantorno (Center Greenhouse, Inc.), Galen Dokter (Vaughns), Gene Pielin (Gulley Greenhouse), Jim Devereux (Green-Fuse Botanicals), Milan Clickingbeard (Tagawa Greenhouses), Karl Trellinger (Syngenta Flowers), Keith Stieduhar (City of Westminster), 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 (Eltch Gardens), Julie Lehman (Denver City Park Greenhouse), Richard Anderson, Brian Austin (Dutch Heritage Gardens), Diana Shull (Dummen Orange), Debra Pfaff (City of Broomfield), 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)

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, and Diana Reavis from Eason Horticultural Resources.

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
Assistant Gardener

David Staats
David McKinney
Natalie McConnell

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.

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Phone: (970) 491-7018

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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 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

Glyphosate was applied as a spot treatment to control encroaching grass around the edges of the beds in June. Later in the season herbicide applications along edge of beds were only done on a need basis. Otherwise, all weeding was done by hand throughout the season inside garden beds.

Pest Control in Garden

Aphids became a problem on all Lupine varieties and were treated with Marathon on June 27th. This was noted in comments section of the data tables.

Disease Control in Garden

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

Dates of Severe Weather

Some notable weather was a severe hail storm on May 22nd where two inches of pea sized hail did some damage to perennials that had begun growing. Fort Collins also received a total of five inches of rain in May which is unusual. A less severe hail storm caused no damage on June 19th. The first snow and freeze of the 2018 season occurred on October 5th.

Monthly Temperatures and Precipitation for Winter 2017-2018

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
November	58.7 °F	30.8 °F	0.59
December	44.1 °F	18.3 °F	0.29
January	46.6 °F	19.1 °F	0.43
February	44.3 °F	16.8 °F	0.67
March	58.3 °F	29.4 °F	0.71

Monthly Temperatures and Precipitation for Summer 2018

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
April	61.8° F	32.9° F	0.75
May	65.6° F	42.5° F	5.15
June	83.7° F	53.4° F	1.22
July	84.7° F	57.2° F	2.20
August	82.0° F	54.0° F	0.28
September	78.7° F	48.3° F	0.46
October	60.0° F	35.2° F	1.03

*Weather information for the Fort Collins area provided by the Colorado State University at: http://ccc.atmos.colostate.edu/sum_form.html 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, 2018. This was done to determine the approximate average size and growth performance of the mature plants. For plants that were planted in 2018, 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 16th, 2018, a conference call was convened with CSU staff and the Perennial Trial Garden Subcommittee. Pictures of entries from the 2016 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 2018 Season
Class of 2016 Grown 3 Summers and 2 Winters

Geum ‘RUSTICO™ Orange’ from Terra Nova® Nurseries
(*Geum* x ‘TNGEURO’^{PP28238})

Flowers were a beautiful bright orange and very prolific but the foliage was equally impressive if not more so and some evaluators commented the plant “looked so good that it didn’t even need the flowers”. Plants had a great dark green foliage that kept a fresh look all through the season and made a good contrast for the colorful blooms. The growth habit was very controlled and had a very uniform appearance. It would make a great choice for mass plantings.

Flame® New Improved Purple from Dummen Orange®
(*Phlox paniculata* Flame® New Improved Purple)

Abundant purple flowers made a solid canopy of color at peak bloom and also rated higher than other phlox for an impressively long bloom period. Plants had a very uniform growth habit with dark green foliage. A small splash of white at the base of each petal to add a bit of “sparkle” to each flower. Blooms also were noted to have an attractive color even as they faded late in season. Plants had superior resistance to powdery mildew.

KISMET™ Raspberry Coneflower from Terra Nova® Nurseries
(*Echinacea* ‘TNECHKR’^{PP28768})

Prolific flowers formed a solid canopy of blooms over the plants and even had an attractive rustic look as it faded from peak bloom. Dark green foliage kept the plant attractive even at times when the flowers were not present. Plants had a very uniform growth habit and good branching. The **KISMET™** series also features colors of orange, red and yellow.

Gaillardia ‘SpinTop Yellow Touch’ from Dummen Orange®
(*Gaillardia aristata* ‘SpinTop Yellow Touch)

Plant were unique with a relatively small, compact mounded growth habit but packed a lot of flower power on the top of each one. Flowers were very showy and predominately red but had an edge of yellow around the tip of each blossom. Plants had attractive green foliage that complemented the bloom color. Cold hardiness was also very impressive as the survival rate was very good for a Gaillardia. Additional entries in the ‘SpinTop’ series seemed to have superior cold hardiness as well.

Delosperma ‘Alan’s Apricot’ from Plant Select
(*Delosperma* ‘Alan’s Apricot’^{PPAF})

Flowers made this a standout for both the unique color and continual blooming through the season. At peak bloom plants are just a carpet of Apricot colored flowers. Plants are very uniform, have great vigor and have better cold hardiness than most *Delosperma*. Good for low water plantings but will also tolerate extra water in areas that often kills other *Delosperma*. This is a great low maintenance plant.

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 2017-2018 winter.

Genus	Cultivar	Company	Year Planted
Coreopsis	SunKiss	PanAmerican/Kieft	2017
Dendranthema	Dainty Pink Igloo	Blooms of Bressingham	2016
Dianthus	Sunflor Desire	Dummen Orange	2016
Gaura	Grace™ Blush	Danziger	2017
Helianthus	Autumn Gold	Darwin Perennials	2017
Lavandula	Lavance Deep Purple	PanAmerican/Kieft	2016
Monarda M0017	M0017	Dummen Orange	2016
Scabiosa	Flutter™ Deep Blue	Darwin Perennials	2016
Scabiosa	Flutter™ Rose Pink	Darwin Perennials	2016

Class of 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Achillea	New Vintage™ Red	Darwin Perennials	red	H: 26 W: 24	2016
	Rating June:	3.0	Comments:	vigorous, lush, silvery green foliage, few blooms	
	Rating July:	3.3	Comments:	vigorous, fine texture, many blooms, fade to an attractive color, some lodging	
	Rating Aug.:	1.8	Comments:	foliage and looms faded, little crown growth, cut back 8/16/18	
	Rating Sept.:	2	Comments:	vigorous, uniform, clumps grew back vigorously	
# Planted:	6				
% Survived:	100				
	Additional Comments:	Plants starting to lodge open but look good in early summer. Leaf drop, lodging, many blooms in late summer.			
Achillea	New Vintage™ Rose	Darwin Perennials	pink	H: 26 W: 24	2016
	Rating June:	3.0	Comments:	vigorous, lush, silvery green foliage, few blooms	
	Rating July:	3.7	Comments:	vigorous, fine texture, many blooms, fade to an attractive color, some lodging	
	Rating Aug.:	2.2	Comments:	foliage and blooms faded, little crown growth, cut back 8/16/18	
	Rating Sept.:	2	Comments:	plants growing back, compact, emerald green, lush new growth	
# Planted:	13				
% Survived:	77				
	Additional Comments:	Lodging. Uniform, just blooming in mid summer. Lodging and leaf drop, many blooms in late summer.			
Achillea B12SB533	Yarrow	Blooms of Bressingham	pink	H: 20 W: 21	2016
	Rating June:	3.5	Comments:	vigorous, uniform, silvery green fine textured foliage, many showy blooms	
	Rating July:	3.8	Comments:	vigorous, uniform, many blooms, some lodging	
	Rating Aug.:	2.5	Comments:	compact, lush, vigorous, some blooms	
	Rating Sept.:	3.3	Comments:	vigorous and uniform, lush secondary flush of growth, some blooms	
# Planted:	12				
% Survived:	100				
	Additional Comments:	Nice green foliage, sturdy plant, lots of color. Upright in late summer.			
Achillea B12SB534	Yarrow	Blooms of Bressingham	fuchsia	H: 18 W: 16.5	2016
	Rating June:	2.5	Comments:	uniform, silvery green fine textured foliage, some blooms	
	Rating July:	2.9	Comments:	medium vigor, uniform, many blooms, some lodging	
	Rating Aug.:	2.2	Comments:	compact, lush, some chlorosis, some blooms	
	Rating Sept.:	2	Comments:	some chlorosis, various vigor, some blooms	
# Planted:	12				
% Survived:	100				
	Additional Comments:	Plants not as uniform, slightly chlorotic. Yellowing, sparse, falling over, sick looking in late summer.			
Aubrieta x cultorum	Pixie Pearls	Jelitto Perennial Seeds	white	H: 3 W: 24	2016
	Rating June:	1.0	Comments:	recovering from hail, vigorous, spreading	
	Rating July:	2.0	Comments:	matted, chlorotic looking, vigorous	
	Rating Aug.:	1.9	Comments:	open centers, vigorous, possibly some dead plants	
	Rating Sept.:	3.3	Comments:	gaining vigor in cool weather, vigorous and uniform, filling in	
# Planted:	18				
% Survived:	100				
	Additional Comments:	Unattractive after blooming. Good ground cover in late summer.			

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Coreopsis	Madras Magic	Terra Nova Nurseries	scarlet	H: 15 W: 18	2016
	Rating June:	1.5	Comments:	low vigor, late to emerge, nonuniform	
	Rating July:	2.0	Comments:	medium vigor, nonuniform, lacey foliage	
	Rating Aug.:	2.3	Comments:	medium green, medium vigor, uniform, many bright blooms	
	Rating Sept.:	2.3	Comments:	vigorous and uniform, many vibrant blooms, dark green, compact, lush	
# Planted:	18				
% Survived:	44				
	Additional Comments:				
Delosperma	Alan's Apricot	Plant Select®	peach	H: 3 W: 24	2016
	Rating June:	4.8	Comments:	vigorous, lush, green, profusely blooming	
	Rating July:	3.8	Comments:	vigorous, uniform, many blooms	
	Rating Aug.:	4.1	Comments:	extremely vigorous, lush, thickly covers ground, covered in big blooms	
	Rating Sept.:	4	Comments:	vigorous and uniform, spreading, compact, some blooms	
# Planted:	18				
% Survived:	100				
	Additional Comments: Bright green clean foliage, nice mat growth habit, fully in flower. Bit chlorotic in mid summer but still blooming. Good plants, tons of color, excellent.				
Delosperma 'PWWG02S'	Red Mountain® Flame Ice Plant	Plant Select®	red	H: 3 W: 24	2016
	Rating June:	3.5	Comments:	yellowing, getting patchy, some blooms	
	Rating July:	2.2	Comments:	decline, some necrosis, some blooms	
	Rating Aug.:	2.7	Comments:	patchy, too much water, filling in	
	Rating Sept.:	3.3	Comments:	vigorous and uniform, spreading, compact, some blooms	
# Planted:	18				
% Survived:	100				
	Additional Comments: Amazing flower color, flowers all over plant in early summer. Dead spots, botrytis in late summer.				
Dendranthema	Harvest Igloo	Blooms of Bressingham	orange	H: 18 W: 30	2016
	Rating June:	2.0	Comments:	compact and uniform, vigorous	
	Rating July:	3.0	Comments:	vigorous, compact, uniform mound, dark green	
	Rating Aug.:	2.4	Comments:	vigorous, uniform, dark green	
	Rating Sept.:	3	Comments:	dark green, vigorous and uniform, blanketed in vibrant blooms, open centers, lodging	
# Planted:	12				
% Survived:	100				
	Additional Comments: Very uniform in mid summer. Some buds showing, good vigor, in late summer.				
Dendranthema	Sundance Igloo	Blooms of Bressingham	yellow	H: 24 W: 27	2016
	Rating June:	2.0	Comments:	compact and uniform, vigorous	
	Rating July:	2.9	Comments:	vigorous, compact, uniform mound, dark green	
	Rating Aug.:	2.2	Comments:	vigorous, uniform, medium green	
	Rating Sept.:	3.3	Comments:	compact, lush, vigorous and uniform	
# Planted:	12				
% Survived:	100				
	Additional Comments: Very uniform. Good vigor, uniform, setting buds in late summer.				

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Beauties Doutzen	Dummen Orange	white	H: 6 W: 18	2016
	Rating June: 4.5	Comments: vigorous, uniform, many blooms covering plant			
	Rating July: 3.3	Comments: vigorous, blue green foliage, numerous blooms, cut back 7/12/18			
	Rating Aug.: 3.1	Comments: compact, silvery green, vigorous, reblooming nice			
	Rating Sept.: 3	Comments: vigorous and uniform, many blooms, compact and spreading			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Nice, clean, healthy plants. Not many blooms but nice clear white. Good blue-green foliage and good color. Spreading, uniform, reblooming in mid summer.			
Dianthus	Beauties Kate	Dummen Orange	pink	H: 5 W: 12	2016
	Rating June: 2.8	Comments: nonuniform, covered in blooms, some dieback, dead centers			
	Rating July: 2.4	Comments: nonuniform, low vigor, some dieback, cushion			
	Rating Aug.: 2.8	Comments: compact, dark green, many small blooms			
	Rating Sept.: 2.7	Comments: vigorous and uniform, gaining vigor in cool weather, covered in blooms			
# Planted: 6					
% Survived: 83					
	Additional Comments:	Winter losses, bright flower color.			
Dianthus	Beauties Naomi	Dummen Orange	pink	H: 5 W: 12	2016
	Rating June: 3.3	Comments: uniform, vigorous, covered in blooms			
	Rating July: 1.9	Comments: nonuniform, low vigor, sparse, tip burn			
	Rating Aug.: 2.3	Comments: patchy, tip burn, may be getting too much water			
	Rating Sept.: 1.7	Comments: vigorous and uniform, gaining vigor in cool weather, few blooms			
# Planted: 6					
% Survived: 100					
	Additional Comments:				
Dianthus	Odessa Aston	Dummen Orange	pink	H: 10 W: 15	2016
	Rating June: 1.5	Comments: nonuniform, low vigor, medium green, some blooms			
	Rating July: 1.0	Comments: some dieback, nonuniform, some blooms, tip burn, compact			
	Rating Aug.: 1.3	Comments: tip burn, good foliage color, open centers			
	Rating Sept.: 2.7	Comments: gaining vigor in cool weather, lush, silvery green, some blooms, filling in			
# Planted: 6					
% Survived: 83					
	Additional Comments:				
Dianthus	Olivia Cherry	Dummen Orange	red and pink	H: 6 W: 13.5	2016
	Rating June: 2.3	Comments: low vigor, small plants, some blooms, yellowing			
	Rating July: 1.3	Comments: striking flower, low vigor, low growing and lush			
	Rating Aug.: 1.1	Comments: lush, compact green, some blooms			
	Rating Sept.: 3.7	Comments: vigorous and uniform, gaining vigor in cool weather, lush, emerald green, many blooms			
# Planted: 6					
% Survived: 33					
	Additional Comments:	Nice flowers, bright blooms.			

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Olivia Sweet	Dummen Orange	red and white	H: 4 W: 7	2016
	Rating June:	2.5	Comments:	small plants, nonuniform, low vigor, some blooms	
	Rating July:	0.6	Comments:	some dieback, nonuniform, some blooms, tip burn, compact	
	Rating Aug.:	1.2	Comments:	small plants, compact, lush, some blooms	
	Rating Sept.:	0.3	Comments:	gaining vigor in cool weather, many blooms, lush and emerald green	
# Planted:	6				
% Survived:	50				
	Additional Comments:	Plants are flowering well, nice bicolor. Full bloom in mid summer. Nearly dead by late summer.			
Dianthus	Sunflor Beetle	Dummen Orange	burgundy	H: 6 W: 8	2016
	Rating June:	1.3	Comments:	nonuniform, unhealthy, few blooms, dead centers	
	Rating July:	1.3	Comments:	low vigor, dieback, few blooms, sparse plants	
	Rating Aug.:	1.6	Comments:	gaining vigor, lush, dark green, open centers, intense flower color	
	Rating Sept.:	2.3	Comments:	gaining vigor in cool weather, open centers, dark green, vigorous, many blooms	
# Planted:	8				
% Survived:	50				
	Additional Comments:	Only two small plants, flowers streaked, looks like thrips attack.			
Dianthus	Sunflor Desire	Dummen Orange	scarlet	H: 8 W: 13.5	2016
	Rating June:	1.3	Comments:	low vigor, nonuniform, may not survive	
	Rating July:	1.1	Comments:	plant small and low vigor	
	Rating Aug.:	0.3	Comments:	single plant, compact, light green, no blooms	
	Rating Sept.:	1	Comments:	gaining vigor in cool weather, lush, silvery green, some blooms, filling in	
# Planted:	6				
% Survived:	17				
	Additional Comments:				
Dianthus	Sunflor Dynamite	Dummen Orange	red	H: 8 W: 15	2016
	Rating June:	2.3	Comments:	small, nonuniform, many blooms on small plants	
	Rating July:	1.4	Comments:	die back, low vigor, tip burn	
	Rating Aug.:	1.5	Comments:	open centers, some vibrant blooms, dark green	
	Rating Sept.:	2.7	Comments:	gaining vigor in cool weather, green and compact, few blooms	
# Planted:	6				
% Survived:	50				
	Additional Comments:	Flowers are nice, great flower color.			
Dianthus	Sunflor Jaguar	Dummen Orange	red burgundy	H: 8 W: 13.5	2016
	Rating June:	3.3	Comments:	compact, medium green, covered in red blooms	
	Rating July:	2.1	Comments:	medium vigor, dieback, dark green, interesting flower color, compact and uniform	
	Rating Aug.:	1.6	Comments:	lush, dark green, vigorous, open centers	
	Rating Sept.:	2.8	Comments:	vigorous and uniform, gaining vigor in cool weather, lush and dark green	
# Planted:	6				
% Survived:	100				
	Additional Comments:	Really nice flower type and color, but plants are not healthy in early summer. Opening up in center in late summer.			

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Sunflor Maserati	Dummen Orange	scarlet	H: 6 W: 12	2016
	Rating June: 0.8	Comments: nonuniform, various vigor, some dieback.			
	Rating July: 0.4	Comments: low vigor, nonuniform, few blooms, tip burn			
	Rating Aug.: 1.2	Comments: nonuniform, patchy, low vigor, very vibrant flower color			
	Rating Sept.: 0.7	Comments: gaining vigor in cool weather, lush, silvery green, some blooms, filling in			
# Planted: 6					
% Survived: 67					
	Additional Comments: Dying in late summer.				
Dianthus	Sunflor Red Esta	Dummen Orange	red and white	H: 8 W: 7	2016
	Rating June: 1.8	Comments: nonuniform, various vigor, few blooms, dead centers			
	Rating July: 0.6	Comments: low vigor, nonuniform, few blooms, tip burn			
	Rating Aug.: 1.1	Comments: nonuniform, patchy, low vigor			
	Rating Sept.: 0.7	Comments: gaining vigor in cool weather, lush, silvery green, some blooms, filling in			
# Planted: 6					
% Survived: 83					
	Additional Comments: Most lost in winter kill. Flower has a nice pattern and color.				
Echinacea	KISMET™ Intense Orange	Terra Nova Nurseries	fiery orange	H: 15 W: 15	2016
	Rating June: 1.3	Comments: nonuniform, low vigor, reseeded out of row, low survival			
	Rating July: 2.0	Comments: vigorous, uniform, covered in blooms, only three plants left			
	Rating Aug.: 2	Comments: vigorous, uniform, compact, many blooms			
	Rating Sept.: 1.5	Comments: losing vigor, uniform, some blooms			
# Planted: 18					
% Survived: 17					
	Additional Comments: Winter losses, not many survived. One left, good color blooms in late summer.				
Echinacea	KISMET™ Raspberry	Terra Nova Nurseries	raspberry pink	H: 22 W: 22	2016
	Rating June: 3.7	Comments: uniform, vigorous, lush, some striking purple blooms			
	Rating July: 4.9	Comments: exceptionally vigorous, uniform, dark green, covered in extremely vibrant blooms			
	Rating Aug.: 3.9	Comments: vigorous, covered in blooms, exceptional			
	Rating Sept.: 2.5	Comments: vigorous and uniform, dark green, blooms last long time, some blooms, some lodging			
# Planted: 18					
% Survived: 100					
	Additional Comments: Nice robust plants in early summer. Excellent, loads of color. Outstanding in all ways in mid summer. Some plants leggy, lodging in late summer.				
Epimedium	Pink Champagne	Eason Hort Resources/Creek Hill	pink	H: 15 W: 18	2016
	Rating June: 2.5	Comments: vigorous, compact, unique foliage and variegation, unique flower			
	Rating July: 2.7	Comments: lush, vigorous, interesting foliage			
	Rating Aug.: 1.8	Comments: vigorous, uniform, big plants, good foliage color			
	Rating Sept.: 2.3	Comments: vigorous and uniform, dark green, compact			
# Planted: 19					
% Survived: 95					
	Additional Comments: Speckled new growth interesting, dainty flowers. Some chlorosis, uniform.				

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gaillardia	Spintop Yellow Touch	Dummen Orange	red with yellow tips	H: 14 W: 21	2016
	Rating June:	2.0	Comments:	compact, silvery green, few blooms, uniform	
	Rating July:	4.4	Comments:	vigorous, compact, silvery green, uniform, many blooms	
	Rating Aug.:	4.1	Comments:	dense, vigorous, medium green, many blooms	
	Rating Sept.:	3	Comments:	vigorous and uniform, many blooms, compact and lush	
# Planted:	6				
% Survived:	83				
	Additional Comments:	Vibrant color, large blossom. Nice compact plants, lots of flowers. Uniform, not much yellow in bloom.			
Geum	RUSTICO™ Orange	Terra Nova Nurseries	orange	H: 18 W: 18	2016
	Rating June:	2.0	Comments:	vigorous, compact, pubescent, medium green, lush	
	Rating July:	3.1	Comments:	vigorous, uniform, compact, thick leaves	
	Rating Aug.:	2.6	Comments:	dense compact, dark green, large leaf	
	Rating Sept.:	2.7	Comments:	compact mound, uniform, dark green	
# Planted:	18				
% Survived:	100				
	Additional Comments:	Clean glossy green foliage, flowering done. Good vigor. dark green, uniform.			
Heliopsis helianthoides var. scabra	Burning Hearts	Jelitto Perennial Seeds	yellow with dark eye	H: 42 W: 33	2016
	Rating June:	3.5	Comments:	lush purple tinged foliage, vigorous, uniform, many unique flowers	
	Rating July:	3.8	Comments:	vigorous, uniform, tall, purplish foliage, many blooms	
	Rating Aug.:	3.7	Comments:	covered in blooms, lodging stems, medium green vigorous foliage	
	Rating Sept.:	2.3	Comments:	leggy late in the season, lodging, covered in blooms, dark green, open centers, purple foliage	
# Planted:	18				
% Survived:	56				
	Additional Comments:	Winter losses. Long flower stems, nice color, lodging.			
Heliopsis helianthoides var. scabra	Prima Ballerina	Jelitto Perennial Seeds	yellow	H: 40 W: 33	2016
	Rating June:	3.0	Comments:	vigorous, lush, tall, weedy, many yellow blooms	
	Rating July:	4.0	Comments:	vigorous, uniform, tall, many bright yellow blooms	
	Rating Aug.:	3.4	Comments:	covered in blooms, lodging stems, medium green vigorous foliage	
	Rating Sept.:	2.8	Comments:	leggy late in the season, lodging, covered in blooms, dark green, open centers	
# Planted:	18				
% Survived:	83				
	Additional Comments:	Nice looking healthy plants, no diseases. Large vigorous plant covered in blooms. Bright color. Lodging, tons of blooms in late summer.			
Hemerocallis	Double Pardon Me	Darwin Perennials	scarlet	H: 24 W: 33	2016
	Rating June:	2.3	Comments:	vigorous, medium green, uniform, good hail recovery	
	Rating July:	3.2	Comments:	vigorous and uniform, many unique double blooms, large blooms numerous	
	Rating Aug.:	3	Comments:	plants turning yellow in full sun, many showy blooms	
	Rating Sept.:	1.3	Comments:	yellowing, tired looking foliage, done for season	
# Planted:	12				
% Survived:	100				
	Additional Comments:	Foliage kind of thin in early summer. Lots of flower buds, very floriferous, unique in form in mid summer. Light green, blooming very uneven, yellowing, nice bloom color in late season.			

*Height and width measurements in inches.

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Class of 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Hibiscus	SUMMERIFIC® Perfect Storm	Walters Gardens	light pink with dark variegation	H: 48 W: 42	2016
	Rating June: 3.3	Comments: lush foliage with purple tinge, vigorous and uniform, full recovery from hail			
	Rating July: 3.8	Comments: vigorous, lush, unique purplish foliage			
	Rating Aug.: 2.6	Comments: vigorous, uniform, good foliage color, huge blooms			
	Rating Sept.: 4	Comments: loosing purple color, vigorous and uniform, some hail damage 9-19-18			
# Planted: 11					
% Survived: 100					
	Additional Comments:	Vigorous, nice green/purple foliage, bud blossoms beginning. Nice foliage, great vigor, color, and uniformity in late season.			
Lavandula angustifolia	Wee One	Plant Select®	lavender	H: 15 W: 13.5	2016
	Rating June: 1.7	Comments: nonuniform and severe dieback, aromatic foliage, few purple blooms			
	Rating July: 2.8	Comments: nonuniform, vigorous, some aromatic blooms			
	Rating Aug.: 3.2	Comments: vigorous, uniform, compact, aromatic, many blooms			
	Rating Sept.: 3.5	Comments: exceptionally silvery, vigorous, uniform, compact, many blooms, some lodging			
# Planted: 18					
% Survived: 72					
	Additional Comments:	Poor overwintering and some winter dieback. Turned into woody shrubs. Plants look okay in mid summer. Very woody and looks uneven in late summer.			
Lupinus	Westcountry™ Gladiator	Eason Hort Resources/Gulley	orange	H: W:	2016
	Rating June: 1.5	Comments: aphids, plant death from hail, low vigor, some blooms, some recovery			
	Rating July: 0.3	Comments: Marathon insecticide applied, recovering from aphids, chlorotic, low vigor, unhealthy			
	Rating Aug.: 0	Comments: dead			
	Rating Sept.: 0.3	Comments:			
# Planted: 18					
% Survived: 61					
	Additional Comments:	Chlorotic. Dead and diseased.			
Lupinus	Westcountry™ Red Rum	Eason Hort Resources/Gulley	red	H: 8 W: 15	2016
	Rating June: 1.0	Comments: aphids, plant death from hail, low vigor, showy but damaged blooms			
	Rating July: 0.5	Comments: Marathon insecticide applied, recovering from aphids, chlorotic, low vigor, unhealthy			
	Rating Aug.: 0	Comments: sickly, chlorotic, low vigor			
	Rating Sept.: 0.3	Comments: unhealthy necrotic and chlorotic plant			
# Planted: 18					
% Survived: 94					
	Additional Comments:	Chlorotic. Dead and diseased.			
Monarda	Balmy™ Purple	Darwin Perennials	lavender	H: 13 W: 19	2016
	Rating June: 1.0	Comments: nonuniform, compact, dark green foliage, some hail damage			
	Rating July: 3.4	Comments: dark green, uniform, covered in large unique blooms, vigorous			
	Rating Aug.: 2.6	Comments: compact, uniform, blooming slowing, mildew			
	Rating Sept.: 2.3	Comments: covered in mildew, leaves yellowing			
# Planted: 13					
% Survived: 46					
	Additional Comments:	Hummingbird attractant but not very vigorous. Some plant loss, but blooming well, not mildew yet in mid summer. Uniform, vigorous, flower power in late summer.			

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Monarda M0011	M0011	Dummen Orange	light pink	H: 32 W: 24	2016
	Rating June: 1.8	Comments: vigorous, medium green, uniform			
	Rating July: 3.4	Comments: vigorous, uniform, compact, some blooms			
	Rating Aug.: 3.3	Comments: vigorous, light green, few blooms, tall			
	Rating Sept.: 1.7	Comments: covered in mildew, some medium green new growth, stems lodging			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Nice plants. Nonuniform bloom. Light green foliage, half of plant blooming in mid summer. Good vigor, uniform, many blooms, clean foliage, unattractive flower in late summer.			
Monarda M0013	M0013	Dummen Orange	magenta	H: 30 W: 21	2016
	Rating June: 1.5	Comments: vigorous, medium green, uniform			
	Rating July: 3.5	Comments: vigorous, uniform, compact, some blooms			
	Rating Aug.: 3.6	Comments: some mildew, tall, vigorous, dark green, covered in blooms			
	Rating Sept.: 1.3	Comments: covered in mildew, some medium green new growth, stems lodging			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Floriferous in mid summer. Nice display, some yellowing, some powdery mildew, tons of flowers in late summer.			
Monarda M0014	M0014	Dummen Orange	lavender	H: 20 W: 21	2016
	Rating June: 1.3	Comments: medium vigor, nonuniform			
	Rating July: 2.1	Comments: medium vigor, uniform, compact,			
	Rating Aug.: 2.4	Comments: medium vigor, light green, some blooms			
	Rating Sept.: 1.3	Comments: covered in mildew, some medium green new growth, stems lodging			
# Planted: 6					
% Survived: 50					
	Additional Comments:	Chlorotic in early summer. Low vigor in late summer.			
Monarda M0021	M0021	Dummen Orange	pink	H: 26 W: 21	2016
	Rating June: 1.0	Comments: nonuniform, medium vigor			
	Rating July: 2.6	Comments: vigorous, uniform, compact, some blooms			
	Rating Aug.: 2.85	Comments: blooming slowing, vigorous, uniform, mildew			
	Rating Sept.: 1.3	Comments: covered in mildew, some medium green new growth, stems lodging			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Winter losses. Nonuniform habit, vibrant color. Open growth, good color, powdery mildew, lots of blooms in late summer.			
Perovskia	Blue Jean Baby	Walters Gardens	lavender	H: 36 W: 24	2016
	Rating June: 2.3	Comments: vigorous, uniform, compact growth habit			
	Rating July: 3.1	Comments: vigorous, lush, compact, silvery green			
	Rating Aug.: 4.3	Comments: compact, vigorous, covered in blooms, good foliage color			
	Rating Sept.: 2.8	Comments: plants lodged and yellowing, covered in blooms, big plants			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Little bit chlorotic in early summer. Nice lacey texture in mid summer. Uniform, no lodging, lots of blooms in late summer.			

*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 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Perovskia	Blue Steel	PanAmerican/Kieft	lavender	H: 40 W: 36	2016
	Rating June:	3.0	Comments:	vigorous, unique foliage color, uniform	
	Rating July:	2.7	Comments:	vigorous, silvery green, some lodged stems, some blooms, silvery green foliage	
	Rating Aug.:	3.3	Comments:	Plants lodging, vigorous, tall, covered in blooms	
	Rating Sept.:	2.3	Comments:	plants lodged and yellowing, covered in blooms, big plants	
# Planted:	18				
% Survived:	100				
	Additional Comments:	Vigorous in early summer. Lots of flower buds, just not opened yet. Lodging, non-uniform in habit. Plants chlorotic in mid summer. Big plants but somewhat uneven blooming in late summer.			
Phlox	Early Cerise	Dummen Orange	fuchsia	H: 24 W: 18	2016
	Rating June:	2.7	Comments:	small and compact plants, medium green foliage, uniform	
	Rating July:	3.3	Comments:	small plants, some flowers, unique flower color, vibrant color, uniform	
	Rating Aug.:	3.2	Comments:	blooming slowed, compact, vigorous, uniform, some reblooming	
	Rating Sept.:	1.8	Comments:	covered in mildew, lodged stems, some blooming, some leaf necrosis	
# Planted:	6				
% Survived:	100				
	Additional Comments:	No flowers in early summer. Nice bright, vibrant color in mid summer. Plants seem small but blooming strong. Small but dark foliage and nice vibrant blooms in late summer.			
Phlox	Early Pink Blush	Dummen Orange	creamy pink with dark pink eye	H: 18 W: 16.5	2016
	Rating June:	3.0	Comments:	sparse medium green foliage, small plants, mild hail damage	
	Rating July:	3.2	Comments:	plant covered in blooms, small statured, uniform	
	Rating Aug.:	2.5	Comments:	blooming slowed, compact, vigorous, some reblooming	
	Rating Sept.:	2.3	Comments:	covered in mildew, lodged stems, some blooming, some leaf necrosis	
# Planted:	6				
% Survived:	83				
	Additional Comments:	Compact, blossoms not attractive as they fade. Small plants, lots of color in mid season. Plant loss, chlorosis, many small blooms in late summer.			
Phlox	Early White Improved	Dummen Orange	white	H: 15 W: 15	2016
	Rating June:	2.0	Comments:	small plants, medium green, low vigor, some chlorosis	
	Rating July:	2.9	Comments:	sparse foliage, nonuniform plants, strikingly white blooms	
	Rating Aug.:	2.1	Comments:	blooming slowed, compact, vigorous, uniform, some reblooming	
	Rating Sept.:	2.5	Comments:	covered in mildew, lodged stems, some blooming, some leaf necrosis	
# Planted:	6				
% Survived:	67				
	Additional Comments:	No flowers in early summer. The plants bloomed very nice, blossoms not attractive as they fade, some death. Foliage chlorotic, very small, no vigor in late season.			
Phlox	Flame New Improved Pink	Dummen Orange	bubblegum pink with dark eye	H: 20 W: 16.5	2016
	Rating June:	3.7	Comments:	vigorous light green foliage, floriferous, uniform	
	Rating July:	4.0	Comments:	medium green foliage, covered in many blooms	
	Rating Aug.:	3.2	Comments:	Blooming slowing, dark green, some reblooming, compact	
	Rating Sept.:	2.8	Comments:	covered in mildew, lodged stems, some blooming, some leaf necrosis	
# Planted:	6				
% Survived:	100				
	Additional Comments:	No flowers in early summer. A bit non-uniform in color and some chlorosis. Compact habit, booming well in mid season. Uniform and vibrant with some change in flower color late season.			

*Height and width measurements in inches.

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Class of 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Phlox	Flame New Improved Purple	Dummen Orange	fuchsia	H: 24 W: 21	2016
	Rating June: 4.0	Comments: lush dark green foliage, uniform and vigorous, many flowers			
	Rating July: 3.8	Comments: lush, bushy foliage, covered in long lasting gorgeous blooms			
	Rating Aug.: 3.4	Comments: Blooming slowing, dark green, some reblooming			
	Rating Sept.: 3.5	Comments: seems resistant to mildew, some blooms, medium green, uniform			
# Planted:	6				
% Survived:	100				
	Additional Comments:	No flowers in early summer. Vigorous, uniform, large flower clusters with clean foliage, good habit, and plenty of flowers. Sparse plants but vibrant blooms in late season.			
Phlox	Flame New Improved Red	Dummen Orange	dark pink to coral	H: 28 W: 27	2016
	Rating June: 2.0	Comments: odd speckling, lush, vigorous, uniform			
	Rating July: 3.1	Comments: vigorous, uniform, striking bloom color, dark green, lush			
	Rating Aug.: 3.9	Comments: covered in vibrant blooms, tall dark green foliage			
	Rating Sept.: 3	Comments: vigorous and uniform, mildew resistant, some blooms			
# Planted:	6				
% Survived:	100				
	Additional Comments:	Not in bloom in early summer. Clean foliage. Very nice, covered in color, some yellow foliage. Starting to yellow, very vibrant flowers in late summer.			
Phlox	Sweet Seduction Blue	Dummen Orange	lavender	H: 2 W: 15	2016
	Rating June: 1.0	Comments: powdery mildew, low growing, vigorous, lush			
	Rating July: 2.4	Comments: recovering from mildew, carpet of foliage, low growing and lush			
	Rating Aug.: 1.9	Comments: carpet of green, patchy			
	Rating Sept.: 1.7	Comments: carpet of various shades of green, compact and spreading			
# Planted:	6				
% Survived:	100				
	Additional Comments:	Nice glossy foliage, great groundcover. Mostly done flowering by early summer. Spreading habit.			
Phlox	Sweet Seduction Pink	Dummen Orange	pink	H: 2 W: 15	2016
	Rating June: 1.0	Comments: powdery mildew, low growing, vigorous, lush			
	Rating July: 2.3	Comments: recovering from mildew, carpet of foliage, low growing and lush			
	Rating Aug.: 1.9	Comments: carpet of green, patchy			
	Rating Sept.: 1.7	Comments: carpet of various shades of green, compact and spreading			
# Planted:	6				
% Survived:	100				
	Additional Comments:	Powdery mildew in early summer. Spreading habit.			
Phlox	Trio Confetti Early 1	Dummen Orange	light pink with hot pink eye	H: 30 W: 16.5	2016
	Rating June: 2.7	Comments: medium green foliage, some plants beginning to bloom			
	Rating July: 3.0	Comments: flower colors complement each other well, numerous blooms, plants non-uniform			
	Rating Aug.: 3	Comments: heavy on pink, lose other colors, vigorous, uniform			
	Rating Sept.: 2	Comments: covered in mildew, lodged stems, some blooming, some leaf necrosis			
# Planted:	6				
% Survived:	100				
	Additional Comments:	Healthy plants in early summer. Mix colors not uniform throughout in mid summer, nice dark green foliage in late summer. Trio off balance with pink being too vigorous.			

*Height and width measurements in inches.

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Class of 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Phlox	Trio Confetti Flame 1	Dummen Orange	white, magenta, bright coral	H: 30 W: 22	2016
	Rating June: 2.7	Comments: dark green lush foliage, uniform, recovering from hail damage			
	Rating July: 3.4	Comments: plants exceptionally bushy, dark green, some flowers, purple blooms take over			
	Rating Aug.: 3.3	Comments: heavy on fuchsia, lose other colors			
	Rating Sept.: 1.8	Comments: covered in mildew, lodged stems, no blooming, some leaf necrosis			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Healthy plants in early summer. Not much confetti color in the flower, but lots of purple color mid summer. Almost all violet in late season, dark and uniform foliage, many vibrant blooms.			
Phlox	Trio Confetti Spring 1	Dummen Orange	pink	H: 6 W: 11	2016
	Rating June: 1.0	Comments: yellowing plants, low vigor, chlorotic, dead spots			
	Rating July: 1.9	Comments: renewed vigor, light green, uniform			
	Rating Aug.: 1.4	Comments: dense, vigorous, medium green			
	Rating Sept.: 1.7	Comments: gaining vigor in cool weather, medium green, lush			
# Planted: 6					
% Survived: 83					
	Additional Comments:	Never really saw the trio affect.			
Salvia	Blue Marvel	Darwin Perennials	blue/purple	H: 24 W: 21	2016
	Rating June: 3.5	Comments: compact, lush, medium green, exceptionally large blooms			
	Rating July: 3.7	Comments: vigorous, uniform, compact, big blooms			
	Rating Aug.: 2.4	Comments: vigorous, some lodging, some necrosis, some blooms			
	Rating Sept.: 2.8	Comments: vigorous and uniform, some opening in the center, some big blooms			
# Planted: 13					
% Survived: 69					
	Additional Comments:	Winter losses, but plants remaining have nice habit and foliage. Flowers not particularly outstanding. Opening up in center and small blooms in late summer.			
Salvia	Caramia	Dummen Orange	dark purple	H: 24 W: 32	2016
	Rating June: 4.5	Comments: very vigorous, upright, uniform, lush medium green foliage, covered in blooms			
	Rating July: 2.7	Comments: lodged from overhead irrigation, good flower color, vigorous, cut back 7/12/18			
	Rating Aug.: 2.3	Comments: vigorous, uniform, dense, compact, lush, medium green			
	Rating Sept.: 1.7	Comments: open centers, vigorous			
# Planted: 6					
% Survived: 100					
	Additional Comments:	Nice dark stems and bracts, but small flower doesn't show up well. Lodging, good plant habit. Some yellowing, just starting to rebloom in late summer.			
Solidago canadensis	Little Miss Sunshine	Jelitto Perennial Seeds	yellow	H: 24 W: 18	2016
	Rating June: 3.3	Comments: aphids, medium green, uniform foliage, vigorous, some hail damage			
	Rating July: 4.0	Comments: vigorous, dark green, covered in blooms			
	Rating Aug.: 3.6	Comments: blooming slowing, big plants, vigorous, upright			
	Rating Sept.: 1.7	Comments: crowns regrowing, vigorous and uniform, dark green			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Covered in flowers in mid summer. Plants healthy, attract pollinators, great after 3 years, tons of flowers in late summer.			

*Height and width measurements in inches.

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Class of 2016 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Sorghastrum nutans 'Thin Man' PPAF	Thin Man	Plant Select®	silvery golden	H: 60 W: 89	2016
	Rating June:	2.0	Comments:	vigorous, uniform, medium green, lush	
	Rating July:	2.5	Comments:	vigorous, compact, large plants	
	Rating Aug.:	1.1	Comments:	vigorous, lodged, open centers, flopped over late season	
	Rating Sept.:	1.7	Comments:	lodged plants, good contrast between foliage and bloom, plant covered in blooms	
# Planted:	18				
% Survived:	83				
	Additional Comments:	Lodging, completely falling over, messy.			
Trifolium rubens	Frosty Feathers	Jelitto Perennial Seeds	white	H: 30 W: 21	2016
	Rating June:	3.5	Comments:	lush, medium green foliage, many unique shaped flowers	
	Rating July:	3.2	Comments:	vigorous, uniform, lush, some blooms still flowering, some rabbit damage	
	Rating Aug.:	1.4	Comments:	green, lush, compact, vigorous, hints of chlorosis	
	Rating Sept.:	1.7	Comments:	some chlorosis, vigorous stem tips, some lodging, mildew	
# Planted:	18				
% Survived:	100				
	Additional Comments:	Plants are nice, no disease in early summer. Chlorotic, nonuniform in mid summer.			

*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: 2016

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Achillea	New Vintage™ Rose	P	3	4	3	3	1	1	2	2	2	2.3
		F	0	1	4	4	1	0	0	0	0	1.1
Achillea	New Vintage™ Red	P	3	4	3	3	1	1	3	2	3	2.6
		F	0	1	4	4	1	0	0	0	0	1.1
Achillea B12SB533	Yarrow	P	2	3	3	3	3	3	4	3	3	2.9
		F	1	4	3	3	1	1	2	2	2	2.1
Achillea B12SB534	Yarrow	P	1	2	2	3	2	2	2	2	2	2
		F	1	3	3	2	1	1	2	2	2	1.9
Aubrieta x cultorum	Pixie Pearls	P	1	2	2	3	2	3	3	4	4	2.6
		F	1	0	0	0	0	0	1	1	1	0.4
Coreopsis	Madras Magic	P	1	2	2	3	3	3	3	3	3	2.5
		F	0	0	0	0	2	3	2	3	1	1.1
Delosperma	Alan's Apricot	P	5	5	4	4	4	4	3	4	3	4.1
		F	3	5	3	3	4	4	3	3	3	3.5
Delosperma 'PWVG02S'	Red Mountain® Flame Ice Plant	P	4	3	2	2	2	3	3	4	3	2.9
		F	5	2	1	2	1	3	2	2	3	2.4
Dendranthema	Sundance Igloo	P	2	3	4	4	4	4	4	4	3	3.6
		F	0	0	0	0	0	0	1	3	5	1
Dendranthema	Harvest Igloo	P	3	3	4	4	4	4	4	2	2	3.3
		F	0	0	0	0	0	1	4	5	5	1.7
Dianthus	Beauties Doutzen	P	5	5	4	4	4	4	3	4	3	4.1
		F	3	5	3	1	4	4	3	2	0	2.8
Dianthus	Olivia Sweet	P	1	2	2	2	2	2	2	3	2	2
		F	3	2	1	1	2	2	3	2	0	1.6
Dianthus	Sunflor Red Esta	P	1	2	2	2	1	2	2	2	2	1.8
		F	1	1	1	1	1	1	1	2	0	1
Dianthus	Sunflor Maserati	P	1	1	2	2	1	2	2	2	2	1.6
		F	0	0	1	1	2	1	2	2	0	0.9
Dianthus	Sunflor Dynamite	P	1	1	2	2	2	2	3	3	3	2
		F	2	3	1	1	2	1	1	3	0	1.6
Dianthus	Sunflor Desire	P	1	1	1	2	2	2	3	3	3	1.9
		F	0	0	0	0	0	0	0	1	0	0.1
Dianthus	Odessa Aston	P	1	2	2	2	2	2	2	3	3	2.1
		F	1	1	1	0	1	1	2	2	0	0.9

*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

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Dianthus	Olivia Cherry	P	1	2	2	3	3	3	3	3	3	2.5
		F	3	2	2	2	1	3	3	4	1	2.3
Dianthus	Sunflor Beetle	P	1	1	1	2	2	2	2	2	2	1.6
		F	2	1	1	3	2	3	3	3	2	2.1
Dianthus	Sunflor Jaguar	P	2	3	2	3	2	2	3	2	3	2.4
		F	4	4	2	2	1	2	2	3	3	2.6
Dianthus	Beauties Kate	P	1	2	2	3	3	3	3	2	3	2.4
		F	3	4	2	2	3	3	4	3	1	2.6
Dianthus	Beauties Naomi	P	2	4	2	2	2	2	3	2	3	2.4
		F	3	4	2	2	2	2	2	2	1	2.3
Echinacea	KISMET™ Raspberry	P	4	5	4	4	4	4	4	3	2	3.8
		F	0	1	4	5	5	3	2	1	0	2.3
Echinacea	KISMET™ Intense Orange	P	1	2	2	3	3	3	2	2	2	2.2
		F	0	0	0	3	3	2	2	1	1	1.3
Epimedium	Pink Champagne	P	5	4	4	4	4	4	3	4	3	4
		F	1	1	0	0	0	0	0	0	0	0.3
Gaillardia	Spintop Yellow Touch	P	3	3	4	3	4	3	3	3	3	3.3
		F	0	1	3	4	4	3	3	3	3	2.6
Geum	RUSTICO™ Orange	P	4	4	3	3	3	3	3	3	3	3.3
		F	0	0	0	0	0	0	0	0	0	0
Heliopsis helianthoides var. scabra	Burning Hearts	P	4	4	4	5	3	2	2	3	2	3.4
		F	1	3	4	4	4	4	3	4	2	3.3
Heliopsis helianthoides var. scabra	Prima Ballerina	P	3	3	3	4	2	2	2	2	2	2.6
		F	1	3	4	4	4	4	3	4	2	3.3
Hemerocallis	Double Pardon Me	P	3	4	4	4	2	2	2	2	2	2.8
		F	0	0	0	3	4	1	0	0	0	0.9
Hibiscus	SUMMERIFIC® Perfect Storm	P	5	5	5	4	5	4	5	3	3	4.3
		F	0	0	0	0	0	4	5	3	1	1.4
Lavandula angustifolia	Wee One	P	1	2	2	3	3	3	4	2	3	2.6
		F	0	1	3	3	4	3	3	3	2	2.4
Lupinus	Westcountry™ Gladiator	P	2	2	1	2	1	0	0	0	0	1.6
		F	5	1	0	0	0	0	0	0	0	1.2
Lupinus	Westcountry™ Red Rum	P	1	1	1	2	1	1	1	1	0	1.1
		F	3	1	0	0	0	0	0	0	0	0.6

*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: 2016

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Monarda	Balmy™ Purple	P	3	2	3	3	3	2	1	1	2	2.2
		F	1	0	4	4	2	1	1	0	0	1.4
Monarda M0011	M0011	P	2	3	3	3	3	3	1	1	2	2.5
		F	0	0	1	4	2	1	1	0	0	1
Monarda M0013	M0013	P	2	3	3	3	3	3	1	1	2	2.5
		F	0	0	1	4	3	2	1	0	0	1.3
Monarda M0014	M0014	P	2	2	2	2	2	1	1	1	2	1.8
		F	0	0	0	2	2	1	1	0	0	0.6
Monarda M0021	M0021	P	1	2	3	3	2	1	1	1	2	1.9
		F	0	0	0	4	3	1	1	0	0	1
Perovskia	Blue Jean Baby	P	2	4	4	4	4	3	2	2	2	3
		F	0	0	0	4	5	4	4	3	2	2.4
Perovskia	Blue Steel	P	3	5	4	4	2	2	2	2	2	2.9
		F	0	0	0	2	3	4	4	2	2	1.9
Phlox	Early Pink Blush	P	2	2	3	3	3	3	3	1	1	2.3
		F	1	3	4	4	2	2	2	2	0	2.2
Phlox	Trio Confetti Flame 1	P	3	4	4	3	3	3	2	1	1	2.7
		F	0	0	2	4	2	2	2	0	0	1.3
Phlox	Early Cerise	P	4	4	3	3	3	3	2	1	1	2.7
		F	0	0	3	4	2	2	2	1	0	1.6
Phlox	Trio Confetti Early 1	P	4	3	3	3	3	3	3	1	1	2.7
		F	0	1	4	4	2	2	2	1	0	1.8
Phlox	Early White Improved	P	2	3	2	2	3	3	3	1	1	2.2
		F	0	0	2	3	2	2	3	2	0	1.6
Phlox	Flame New Improved Purple	P	5	5	4	4	3	3	3	2	1	3.3
		F	0	3	5	5	1	1	3	2	0	2.2
Phlox	Flame New Improved Pink	P	4	3	3	3	3	3	2	1	1	2.6
		F	0	4	4	4	1	1	2	1	0	1.9
Phlox	Sweet Seduction Blue	P	4	2	2	3	2	3	2	3	2	2.6
		F	0	0	0	0	0	0	0	0	0	0
Phlox	Flame New Improved Red	P	3	3	3	4	4	3	3	3	2	3.1
		F	0	0	1	2	5	3	2	2	2	1.9
Phlox	Trio Confetti Spring 1	P	1	2	3	3	3	3	3	3	3	2.6
		F	0	0	0	0	0	0	0	0	0	0

*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: 2016

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Phlox	Sweet Seduction Pink	P	5	2	2	3	2	3	2	3	2	2.8
		F	0	0	0	0	0	0	0	0	0	0
Salvia	Blue Marvel	P	2	3	4	3	2	2	3	3	3	2.8
		F	2	4	4	4	2	3	2	2	1	2.8
Salvia	Caramia	P	4	4	1	2	3	2	2	2	2	2.5
		F	3	5	3	0	1	2	2	1	1	2
Solidago canadensis	Little Miss Sunshine	P	4	4	4	3	3	3	3	3	2	3.2
		F	0	1	2	4	2	1	0	0	1	1.2
Sorghastrum nutans 'Thin Man' PPAF	Thin Man	P	2	4	4	4	2	2	1	2	2	2.8
		F	0	0	0	0	0	1	3	5	4	1.3
Trifolium rubens	Frosty Feathers	P	5	3	3	3	3	3	2	3	3	3.3
		F	1	4	1	0	0	1	1	1	0	1

*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

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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27		Year Planted
Agastache	Morello	Terra Nova Nurseries	coral to dark pink	H: 20	W: 24	2017
	Rating June:	1	Comments:	dark purple/red foliage, low vigor		
	Rating July:	2	Comments:	purplish, aromatic foliage, low vigor, some blooms starkly contrast foliage		
	Rating Aug.:	2.2	Comments:	vigorous, covered in blooms, aromatic		
	Rating Sept.:	2.8	Comments:	covered in vibrant blooms, dark foliage color, some lodging		
# Planted:	9					
% Survived:	11					
	Additional Comments:		One plant, good blooms.			
Allium	Millenium	Eason Hort Resources/Stonehouse	pinkish lavender	H: 24	W: 24	2017
	Rating June:	3	Comments:	vigorous, medium green, uniform, unique shape, recovered from hail		
	Rating July:	4	Comments:	vigorous, medium green, interesting linear foliage, many flower buds		
	Rating Aug.:	4.6	Comments:	covered in blooms, upright, compact, vigorous, long lasting		
	Rating Sept.:	3.3	Comments:	vigorous and uniform, compact clumps, good foliage color, some blooms		
# Planted:	9					
% Survived:	100					
	Additional Comments:		Great green foliage, about to bloom in early summer. Nice plant habit in mid summer. Excellent, pollinators galore. Only a few yellow leaves, tons of flowers in late summer.			
Amsonia tabernaemontana	Storm Cloud	Walters Gardens, Inc. /Proven Winners®	pale blue	H: 15	W: 18	2017
	Rating June:	1	Comments:	chlorotic, few blooms, some leaf scorch		
	Rating July:	2	Comments:	chlorotic, uniform, medium vigor, tip burn		
	Rating Aug.:	1.4	Comments:	extremely chlorotic, leaves burning		
	Rating Sept.:	2	Comments:	chlorotic, necrotic		
# Planted:	9					
% Survived:	100					
	Additional Comments:		Chlorotic foliage. Brown tips detract, almost bleached.			
Armeria	Dreameria™ Daydream	Darwin Perennials	light pink	H: 12	W: 15	2017
	Rating June:	4	Comments:	uniform, compact, vigorous, many blooms, long bloom period		
	Rating July:	4	Comments:	vigorous and uniform, some blooms, compact cushion growth habit		
	Rating Aug.:	2.4	Comments:	compact, uniform, dark green		
	Rating Sept.:	3.8	Comments:	dark green, lush, uniform, vigorous, some big blooms, blooming picking up		
# Planted:	13					
% Survived:	100					
	Additional Comments:		Blooming well. Very uniform, few blooms in late summer.			
Armeria	Dreameria™ Sweet Dreams	Darwin Perennials	light pink	H: 12	W: 15	2017
	Rating June:	4	Comments:	uniform, compact, vigorous, many blooms, long bloom period		
	Rating July:	4	Comments:	vigorous and uniform, few blooms, compact cushion growth habit		
	Rating Aug.:	2.3	Comments:	compact, uniform, dark green		
	Rating Sept.:	3.3	Comments:	dark green, lush, uniform, vigorous, some big blooms, blooming picking up		
# Planted:	13					
% Survived:	100					
	Additional Comments:		Very nice, blooming well, very uniform.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Asclepias tuberosa	Blonde Bombshell	Walters Gardens, Inc.	yellow	H: 33 W: 32	2017
	Rating June: 3	Comments: nonuniform, dark green, bright yellow blooms cover plant, chlorotic, late to emerge			
	Rating July: 3	Comments: many unique blooms cover plant, striking against dark green foliage			
	Rating Aug.: 3	Comments: nonuniform, slight chlorosis, vibrant yellow			
	Rating Sept.: 2.3	Comments: seedpods turn dull reddish color, two vigorous plants, others chlorotic and weak, some aphids			
# Planted: 9					
% Survived: 56	Additional Comments: The bees love this plant. Not vigorous, only a few plants remain. What plants are left look good, nice color, bright yellow.				
Brunnera	Sea Heart	Plants Nouveau	sky blue	H: 15 W: 22	2017
	Rating June: 2	Comments: cut back 6/14, compact, unique foliage, few blooms			
	Rating July: 3	Comments: vigorous, uniform, unique foliage			
	Rating Aug.: 2.2	Comments: vigorous, uniform, compact, lush			
	Rating Sept.: 2.3	Comments: vigorous and uniform, compact, good foliage color			
# Planted: 17					
% Survived: 100	Additional Comments: Nice thick leaves, no browning, and nice delicate blue flowers. Silver overlay to accent green veins. Nice color, uniform.				
Campanula	Adansa Pink	Schoneveld	dusty pink	H: 4 W: 8	2017
	Rating June: 2	Comments: compact, low vigor, many blooms			
	Rating July: 1	Comments: compact, uniform, many blooms, medium vigor			
	Rating Aug.: 0.9	Comments: medium vigor, compact,			
	Rating Sept.: 0.3	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 9					
% Survived: 11	Additional Comments:				
Campanula	Adansa Purple	Schoneveld	purple	H: 5 W: 9	2017
	Rating June: 3	Comments: compact, uniform, low vigor, half of plant covered in blooms			
	Rating July: 1	Comments: compact, uniform, many blooms, medium vigor			
	Rating Aug.: 1.4	Comments: compact, uniform, medium vigor, many blooms			
	Rating Sept.: 1.7	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 9					
% Survived: 56	Additional Comments:				
Campanula	Adansa White	Schoneveld	white	H: 6 W: 12	2017
	Rating June: 3	Comments: compact, many blooms, vigorous			
	Rating July: 1	Comments: compact, uniform, many blooms, medium vigor			
	Rating Aug.: 0.9	Comments: compact, uniform, medium vigor, few blooms			
	Rating Sept.: 1.3	Comments: vigorous and uniform, some blooms, gaining vigor in cool weather			
# Planted: 9					
% Survived: 56	Additional Comments: Nice 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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Campanula	Ambella Dark Blue	Schoneveld	royal purple	H: 6 W: 12	2017
	Rating June: 2	Comments: compact, nonuniform, few blooms, low vigor			
	Rating July: 1	Comments: small plants, some purple blooms, compact, uniform, medium vigor			
	Rating Aug.: 2	Comments: compact, uniform, medium vigor, many blooms			
# Planted: 9	Rating Sept.: 3.3	Comments: vigorous and uniform, many blooms, gaining vigor in cool weather, compact			
% Survived: 22	Additional Comments: No flowers yet in mid summer. Poor. Extremely small, sparse.				
Campanula	Ambella White	Schoneveld	white	H: 6 W: 12	2017
	Rating June: 3	Comments: compact, uniform, low vigor, half of plant covered in blooms			
	Rating July: 3	Comments: compact, uniform, many blooms, medium vigor			
	Rating Aug.: 2.2	Comments: compact, uniform, medium vigor, many blooms			
# Planted: 8	Rating Sept.: 2.8	Comments: nonuniform, vigorous, many blooms, gaining vigor in cool weather			
% Survived: 100	Additional Comments: Weak plant. Loads of color on the little buds. Extremely small. Low vigor				
Coreopsis	Gilded Lace	Plants Nouveau	yellow	H: 36 W: 33	2017
	Rating June: 3	Comments: vigorous, medium green, some blooms, severe hail damage			
	Rating July: 4	Comments: vigorous, uniform, tall, many blooms			
	Rating Aug.: 3.6	Comments: vigorous, uniform, covered in blooms, floriferous			
# Planted: 9	Rating Sept.: 4	Comments: tall, vigorous, uniform, many blooms			
% Survived: 100	Additional Comments: Tall, kind of spindly though. Novel, tall coreopsis, looking healthy in mid summer.				
Coreopsis	Rosanna	Danziger	scarlet	H: 12 W: 15	2017
	Rating June: 1	Comments: low vigor, nonuniform, emerged extremely late			
	Rating July: 1	Comments: low vigor, small plants, dark green, lacey foliage			
	Rating Aug.: 2.1	Comments: nonuniform, various vigor, covered in blooms			
# Planted: 9	Rating Sept.: 2.3	Comments: compact and dark green, uniform, many blooms			
% Survived: 44	Additional Comments: Winter losses. Flower has good rich color.				
Coreopsis	Solanna™ Glow	Danziger	yellow	H: 15 W: 18	2017
	Rating June: 1	Comments: low vigor, may not survive summer			
	Rating July: 0	Comments: very small plant, very low vigor			
	Rating Aug.: 0.7	Comments: compact, small plant, few blooms, vigorous			
# Planted: 9	Rating Sept.: 3.3	Comments: vigorous and uniform, many blooms, compact and dark green			
% Survived: 11	Additional Comments: Winter losses. One left, one flower.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27		Year Planted
Coreopsis	Solanna™ Golden Crown	Danziger	gold	H: 15	W: 18	2017
	Rating June:	1	Comments:	small plant, low vigor		
	Rating July:	1	Comments:	small plant, covered in golden yellow blooms, many big blooms		
	Rating Aug.:	1.6	Comments:	compact, dark green, some blooms, vigorous		
	Rating Sept.:	2.8	Comments:	vigorous and uniform, many blooms, compact and dark green		
# Planted:	9					
% Survived:	11					
	Additional Comments:		Dead, un-uniform, inconsistent blooming.			
Coreopsis x hybrida	Little Bang™ Starbright	Dummen Orange	light pink	H:	W:	2017
	Rating June:	1	Comments:	may not survive		
	Rating July:	0	Comments:	variety dead		
	Rating Aug.:	0	Comments:	dead		
	Rating Sept.:	0	Comments:			
# Planted:	9					
% Survived:	11					
	Additional Comments:		Winter losses. Dead by mid summer.			
Delosperma	Stireman Orange	Plant Select®	orange	H: 3	W: 24	2017
	Rating June:	3	Comments:	yellowing, some blooms, vigorous		
	Rating July:	4	Comments:	vigorous, filling in, some blooms		
	Rating Aug.:	3.8	Comments:	vigorous, compact, some light patches		
	Rating Sept.:	3.8	Comments:	vigorous and uniform, spreading, compact, some blooms		
# Planted:	18					
% Survived:	100					
	Additional Comments:		Plants strong, flowers bright in early summer. Unique color. Great foliage with evenly space color. Uniform.			
Delosperma	Stireman Raspberry	Plant Select®	raspberry pink	H: 3	W: 24	2017
	Rating June:	4	Comments:	lush, vigorous, many blooms, filling in		
	Rating July:	4	Comments:	vigorous, lush, some blooms, uniform		
	Rating Aug.:	2.3	Comments:	patchy, too much water		
	Rating Sept.:	3.5	Comments:	vigorous and uniform, spreading, compact, some blooms		
# Planted:	18					
% Survived:	100					
	Additional Comments:		Super vibrant flower, nice mat ground cover. Dead spots, botrytis			
Dianthus	American Pie™ Georgia Peach Pie	Eason Hort Resources/Gulley	peach with red center	H:	W:	2017
	Rating June:	2	Comments:	low vigor, yellowing plants, many blooms		
	Rating July:	0	Comments:	decline, necrotic shoots, few blooms		
	Rating Aug.:	0.1	Comments:	dead		
	Rating Sept.:	0	Comments:			
# Planted:	9					
% Survived:	22					
	Additional Comments:		Nice flower color, but plants are wilting away. Pretty much dead by late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Flow™ Blinky Beach	Hilverdakooij	magenta	H: 9 W: 8	2017
	Rating June: 2	Comments: vigorous, silvery green foliage, few blooms			
	Rating July: 1	Comments: silvery green foliage, vigorous, small plants, some big blooms			
	Rating Aug.: 1.6	Comments: medium vigor, nonuniform			
	Rating Sept.: 1.3	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 14					
% Survived: 93					
	Additional Comments:	Flowers are pretty when present.			
Dianthus	Flow™ Crane Beach	Hilverdakooij	red	H: 8 W: 11	2017
	Rating June: 2	Comments: vigorous, silvery green foliage			
	Rating July: 2	Comments: silvery green foliage, vigorous, big blooms, vibrant			
	Rating Aug.: 2.1	Comments: medium vigor, some blooms, uniform			
	Rating Sept.: 2.8	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 14					
% Survived: 79					
	Additional Comments:	Flowers are pretty when present.			
Dianthus	Flow™ Grace Bay	Hilverdakooij	cream with pink edge	H: 8 W: 8	2017
	Rating June: 2	Comments: low vigor, dieback, few unique blooms			
	Rating July: 2	Comments: silvery green foliage, vigorous, small plants, some big blooms			
	Rating Aug.: 1.3	Comments: low vigor, some tip burn, nonuniform			
	Rating Sept.: 1.3	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 14					
% Survived: 100					
	Additional Comments:	Delicate bicolor flower. Flowers are pretty when present.			
Dianthus	Flow™ Punta Cana	Hilverdakooij	pale yellow	H: 6 W: 7	2017
	Rating June: 1	Comments: low vigor, dieback			
	Rating July: 2	Comments: silvery green foliage, vigorous, small plants, some big blooms			
	Rating Aug.: 1.3	Comments: low vigor, some tip burn, nonuniform			
	Rating Sept.: 1.3	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 14					
% Survived: 43					
	Additional Comments:	Flowers are pretty when present.			
Dianthus	Flow™ White Bay	Hilverdakooij	white	H: 8 W: 9	2017
	Rating June: 1	Comments: low vigor, dieback			
	Rating July: 1	Comments: silvery green foliage, vigorous, small plants, some big blooms			
	Rating Aug.: 1.6	Comments: low vigor, some tip burn, nonuniform			
	Rating Sept.: 2	Comments: gaining vigor in cool weather, some blooms, small plants			
# Planted: 14					
% Survived: 100					
	Additional Comments:	Flowers are pretty when 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 2017 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Kahori Pink	Dummen Orange	pink	H: 6 W: 21	2017
	Rating June:	3	Comments:	compact, many blooms, vigorous	
	Rating July:	3	Comments:	cut back 7/3/18, some blooms, vigorous and uniform, compact	
	Rating Aug.:	3.6	Comments:	uniform, carpet of emerald green, lush, many blooms	
	Rating Sept.:	3.5	Comments:	exceptionally vigorous, compact, emerald green foliage, covered in blooms	
# Planted:	8				
% Survived:	100				
	Additional Comments:	Clean foliage. Unique blossom shape. Not as much color.			
Dianthus	Kahori Scarlet	Dummen Orange	scarlet	H: 6 W: 24	2017
	Rating June:	3	Comments:	compact, many blooms, vigorous	
	Rating July:	3	Comments:	cut back 7/3/18, many blooms, vigorous and uniform, compact	
	Rating Aug.:	4	Comments:	uniform, carpet of emerald green, lush, many blooms	
	Rating Sept.:	3.8	Comments:	exceptionally vigorous and uniform, compact, emerald green covered in blooms	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Some winter losses, nice dark flower. Nice texture, clean plant, not too many flowers though in mid summer. Uniform, unique, bright, many flowers in late summer.			
Dianthus	Mountain Frost™ Pink Carpet	Darwin Perennials	light pink with dark eye	H: 10 W: 19.5	2017
	Rating June:	2	Comments:	half of plants dead, recovering, some small blooms, some chlorosis	
	Rating July:	2	Comments:	Plants beginning to recover from heat dieback, vigorous, some dead areas	
	Rating Aug.:	2.4	Comments:	recovering, gaining vigor, medium green, compact, spreading	
	Rating Sept.:	2.5	Comments:	vigorous and uniform, gaining vigor in cool weather, emerald mounds of foliage	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Half dead, not flowering well in early summer. Dying out, not flowering much, some plant die back in mid summer. Bright blooms in late summer.			
Dianthus	Mountain Frost™ Pink PomPom	Darwin Perennials	pink	H: 5 W: 16.5	2017
	Rating June:	4	Comments:	compact, medium green, vigorous, covered in small double blooms	
	Rating July:	5	Comments:	very vigorous, carpet of emerald green foliage, many small double pink blooms	
	Rating Aug.:	4.1	Comments:	vigorous, compact, filling in, covered in blooms, uniform	
	Rating Sept.:	3.3	Comments:	vigorous and uniform, gaining vigor in cool weather, covered in blooms	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Much healthier plants, no browning, nice little pink flowers in early summer. Floriferous, good show, clean plant in mid summer. Great foliage and still many blooms, very uniform, very bright in late summer.			
Dianthus	Mountain Frost™ Pink Twinkle	Darwin Perennials	light pink with darker eye	H: 6 W: 13.5	2017
	Rating June:	2	Comments:	chlorotic, plants dying, few blooms, foliage patchy	
	Rating July:	1	Comments:	plants dying/declining, yellow/chlorosis, dead centers	
	Rating Aug.:	1	Comments:	recovering, gaining vigor, still some open centers	
	Rating Sept.:	2.8	Comments:	vigorous and uniform, gaining vigor in cool weather, few blooms, spreading	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Yellow, browning out, looks like they are dying in early summer. Dying, melting down in mid summer. Some yellowing, half missing, no blooms in late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Mountain Frost™ Rose Bouquet	Darwin Perennials	fuchsia	H: 8 W: 13.5	2017
	Rating June: 2	Comments: some dieback, recovering, few blooms, patchy foliage			
	Rating July: 3	Comments: very vigorous, lush, dark green foliage, some large pinks like blooms			
	Rating Aug.: 3	Comments: lush, green, uniform, vigorous			
	Rating Sept.: 2.3	Comments: vigorous and uniform, gaining vigor in cool weather, lush and dark green			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Nice dark green but not uniform. Wide leaves, good color, no blooms in late summer.			
Dianthus	Mountain Frost™ Silver Strike	Darwin Perennials	pale plum with darker eye	H: 8 W: 16.5	2017
	Rating June: 3	Comments: vigorous, silvery green foliage, many blooms, open centers in early spring			
	Rating July: 3	Comments: vigorous, silvery green, many blooms, compact			
	Rating Aug.: 2.4	Comments: compact, uniform, silvery blue, vigorous, carpeting			
	Rating Sept.: 3	Comments: vigorous and uniform, gaining vigor in cool weather, few blooms, spreading			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Plant brown in the middle in early summer. Non-uniform in foliage color or size. Uniform, bluish, no flowers in late summer.			
Dianthus	Mountain Frost™ White Twinkle	Darwin Perennials	white with burgundy eye	H: 6 W: 13	2017
	Rating June: 2	Comments: compact, green, some white blooms, some dead centers			
	Rating July: 3	Comments: vigorous, lush, cushion of foliage, many striking blooms			
	Rating Aug.: 3.5	Comments: uniform, compact, spreading, some blooms			
	Rating Sept.: 2.3	Comments: vigorous and uniform, gaining vigor in cool weather, few blooms			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Browning out in the middle in early summer. Nice buds and some flowers, uniform, okay blooms in late summer.			
Dianthus	Odessa Amy	Dummen Orange	burgundy with white edge	H: 12 W: 12	2017
	Rating June: 1	Comments: nonuniform, dieback, plants yellow			
	Rating July: 1	Comments: nonuniform, plants declining, few flowers			
	Rating Aug.: 1.7	Comments: sparse, tip burn, wilts in heat, losing vigor			
	Rating Sept.: 1.3	Comments: sparse looking, silvery tips gaining vigor			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Open, scraggly looking, no flowers.			
Dianthus	Odessa Joelle	Dummen Orange	magenta	H: 8 W: 13	2017
	Rating June: 2	Comments: nonuniform, dieback, plants yellow			
	Rating July: 1	Comments: nonuniform, plants declining, plants yellowing, extreme dieback, only tips are alive			
	Rating Aug.: 0.4	Comments: sparse, low vigor, open centers, severe necrosis			
	Rating Sept.: 0.3	Comments: sparse looking, silvery tips gaining vigor			
# Planted: 11					
% Survived: 100					
	Additional Comments:	Plant not doing well, lots of losses. Almost dead, no blooms.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Olivia Bella	Dummen Orange	light pink with darker eye	H: 6 W: 12	2017
	Rating June: 2	Comments: plants yellowing, few blooms			
	Rating July: 1	Comments: uniform, vigorous, some blooms			
	Rating Aug.: 2.1	Comments: compact, some tip burn, uniform, medium vigor			
	Rating Sept.: 3	Comments: vigorous and uniform, lush, compact, some blooms			
# Planted: 11					
% Survived: 100					
	Additional Comments:	Lots of nice flowers, but the plant is ugly, browning out.			
Dianthus	Rockin™ Red	PanAmerican/Kieft	red	H: 14 W: 15	2017
	Rating June: 3	Comments: low vigor, some dieback, many blooms			
	Rating July: 2	Comments: cut back 7/12/18, dark green, some blooms, plants declining			
	Rating Aug.: 1.7	Comments: few blooms, various vigor, necrotic sections, wilts in heat			
	Rating Sept.: 3	Comments: non-uniform, gaining vigor in cool weather			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Nice dark red flower, but plant is unsightly, browning and scraggly.			
Dianthus	Sunflor Abby	Dummen Orange	bright pink	H: 10 W: 12	2017
	Rating June: 3	Comments: silvery green foliage, floriferous, unique color			
	Rating July: 3	Comments: vigorous, uniform, compact, silvery green, covered in big carnation type flowers			
	Rating Aug.: 2	Comments: tip burn, wilts in heat, some blooms, open centers			
	Rating Sept.: 2.3	Comments: sparse looking, silvery tips gaining vigor			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Nice flowers, but not good survival in early summer. Nonuniform, good blooms in mid summer. Sparse foliage, few blooms, low vigor, in late summer.			
Dianthus	Sunflor Desire	Dummen Orange	scarlet	H: 8 W: 12	2017
	Rating June: 1	Comments: nonuniform, dieback, plants yellow			
	Rating July: 2	Comments: Unhealthy, nonuniform, low vigor			
	Rating Aug.: 2.1	Comments: various vigor, nonuniform, few vigorous plants, few blooms			
	Rating Sept.: 2	Comments: vigorous and uniform, gaining vigor in cool weather, some vibrant blooms			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Excellent amount of color, buries spent blooms in mid summer.			
Dianthus	Sunflor Esmay	Dummen Orange	burgundy with darker eye	H: 5 W: 7.5	2017
	Rating June: 3	Comments: foliage turning yellow, many flowers, low vigor			
	Rating July: 2	Comments: plants declining, low vigor, small, few blooms			
	Rating Aug.: 1.5	Comments: small plants, low vigor, some necrosis, compact			
	Rating Sept.: 2.3	Comments: pincushion growth habit, small, sparse, dark green			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Nonvigorous. Small plants, not flowering much. Low vigor, bright blooms.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Sunflor Kaylee	Dummen Orange	burgundy and white	H: 6 W: 12	2017
	Rating June: 4	Comments: vigorous, compact, floriferous, covered in blooms			
	Rating July: 3	Comments: very vigorous, dark green, covered in blooms			
	Rating Aug.: 2.8	Comments: tip burn, wilts in heat, some blooms			
	Rating Sept.: 2.5	Comments: sparse looking, silvery tips, gaining vigor			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Overwintered well, clean plants, no browning, okay flower count. Great color. Uniform.			
Dianthus	Sunflor Megan	Dummen Orange	pale pink with darker center	H: 6 W: 12	2017
	Rating June: 4	Comments: vigorous, compact, uniform, silver green foliage, many unique flowers			
	Rating July: 3	Comments: vigorous, uniform, silvery green, many blooms			
	Rating Aug.: 2.2	Comments: sparse, tip burn, wilts in heat, losing vigor			
	Rating Sept.: 2	Comments: sparse looking, silvery tips gaining vigor, old leaves necrotic			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Low vigor, non-uniform, small.			
Dianthus	Sunflor Nora	Dummen Orange	salmon	H: 8 W: 12	2017
	Rating June: 4	Comments: vigorous, compact, uniform, silver green foliage, many unique flowers			
	Rating July: 4	Comments: very vigorous, silvery green foliage, many blooms			
	Rating Aug.: 3	Comments: vigorous, uniform, little tip burn, many blooms			
	Rating Sept.: 2.8	Comments: sparse looking, silvery tips gaining vigor			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Remarkable survival for a carnation type. Nice flower color. Unique double form and color. Uniform in late summer.			
Echinacea	Butterfly™ Rainbow Marcella	Plants Nouveau	light orange to rose	H: 24 W: 18	2017
	Rating June: 2	Comments: nonuniform, low vigor, some chlorosis, flowers change color as they fade			
	Rating July: 3	Comments: nonuniform, low vigor, flowers fade in attractive way, compact			
	Rating Aug.: 2.4	Comments: medium vigor, compact, losing uniformity, lodging			
	Rating Sept.: 1	Comments: losing vigor, compact, some blooming			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Not great overwintering, but the plants remaining look good. Unique flower color, low vigor in mid summer. Interesting color, okay blooms in late summer.			
Echinacea	Sombrero® Granada Gold	Darwin Perennials	yellow	H: 18 W: 15	2017
	Rating June: 2	Comments: uniform, compact, some double yellow blooms			
	Rating July: 4	Comments: vigorous, uniform, covered in blooms, dark green, unique color			
	Rating Aug.: 3.9	Comments: compact, vigorous, uniform, covered in blooms			
	Rating Sept.: 3	Comments: some lodging and necrosis, compact, dark green, many blooms			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Decent overwintering. Unique color, floriferous. Great color, could be more uniform. Low vigor, many bright blooms in late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea	Sombrero® Lemon Yellow Improved	Darwin Perennials	yellow	H: 15 W: 15	2017
	Rating June: 1	Comments: low vigor, nonuniform			
	Rating July: 3	Comments: medium vigor, light green, some blooms			
	Rating Aug.: 2.9	Comments: lodged plants, medium vigor, small plants			
	Rating Sept.: 2.8	Comments: some lodging and necrosis, compact, dark green, many blooms			
	# Planted: 9 % Survived: 44	Additional Comments: Not great overwintering. Unique color, low vigor, not flowering heavy in mid summer. Color is shades of yellow, low vigor in late summer.			
Echinacea	Sombrero® Sangrita	Darwin Perennials	scarlet	H: 18 W: 15	2017
	Rating June: 1	Comments: low vigor, compact			
	Rating July: 3	Comments: uniform, dark green foliage, striking bloom color			
	Rating Aug.: 3.6	Comments: lodged plants, medium vigor, small plants			
	Rating Sept.: 2.5	Comments: some lodging and necrosis, compact, dark green, many blooms			
	# Planted: 9 % Survived: 56	Additional Comments: Not great overwintering. Powerful red bloom, not flowering heavy yet in mid summer. Intense color, low vigor in late summer.			
Echinacea purpurea	Green Twister	Jelitto Perennial Seeds	pink with green edge	H: 26 W: 18	2017
	Rating June: 2	Comments: nonuniform, various vigor, unique flower, very early blooms			
	Rating July: 3	Comments: vigorous, large plants, uniform, unique flower,			
	Rating Aug.: 3.7	Comments: vigorous, uniform, lush, covered in blooms			
	Rating Sept.: 2.5	Comments: vigorous and uniform, many blooms, dark green foliage			
	# Planted: 9 % Survived: 100	Additional Comments: Interesting flower pattern. Nice healthy plants flowers not heavy, but pretty in late summer.			
Epimedium	Dark Beauty	Eason Hort Resources/Creek Hill	light pink	H: 8 W: 12	2017
	Rating June: 2	Comments: leaves emerge purple and fade to green, interesting foliage, compact, vigorous			
	Rating July: 3	Comments: unique foliage, vigorous, uniform			
	Rating Aug.: 1.9	Comments: vigorous, uniform, good foliage color			
	Rating Sept.: 2	Comments: uniform, compact, some insect damage, fantastic color going into fall			
	# Planted: 18 % Survived: 94	Additional Comments: Nice dark new foliage, unique plant, nice pink new foliage in late season.			
Gaillardia	Galya™ Blazing Sun	Danziger	red with yellow tips	H: 10 W: 13.5	2017
	Rating June: 1	Comments: low vigor, nonuniform, may not survive			
	Rating July: 1	Comments: low vigor, small plants, few blooms			
	Rating Aug.: 2.1	Comments: low vigor, open center			
	Rating Sept.: 1.3	Comments: up to half of plant rotted out, open centers, some blooms, plants look unhealthy			
	# Planted: 9 % Survived: 11	Additional Comments: Only 1 plant left, 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 2017 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gaillardia	Galya™ Wild Fire	Danziger	red with yellow tips	H: 10 W: 16.5	2017
	Rating June: 2	Comments: nonuniform, low vigor, some blooms			
	Rating July: 3	Comments: silvery green, compact, vigorous, many blooms			
	Rating Aug.: 2.7	Comments: nonuniform, open centers			
	Rating Sept.: 1.5	Comments: up to half of plant rotted out, open centers, some blooms, plants look unhealthy			
# Planted: 9					
% Survived: 22					
	Additional Comments:	Nice blooms on few plants. Not many plants, lots of flowers, clean foliage, healthy in mid summer. Nice color, few plants in late summer.			
Gaillardia	Galya™ Yellow	Danziger	yellow	H: 10 W: 27	2017
	Rating June: 2	Comments: vigorous, silvery green foliage			
	Rating July: 3	Comments: silvery green, compact, vigorous, many blooms			
	Rating Aug.: 2.9	Comments: losing uniformity, vigorous, covered in blooms, open centers			
	Rating Sept.: 2.8	Comments: open center, vigorous, many blooms			
# Planted: 9					
% Survived: 89					
	Additional Comments:	Not good overwintering. Some plant death. Budded, uniform on what is alive. Good color, wide spreading in late summer.			
Gaillardia	Spintop Orange Halo	Dummen Orange	red with yellow tips	H: 10 W: 27	2017
	Rating June: 3	Comments: uniform, vigorous, silvery green foliage, few red blooms			
	Rating July: 4	Comments: silvery green, compact, vigorous, many blooms			
	Rating Aug.: 2.7	Comments: vigorous, uniform, covered in blooms, open centers			
	Rating Sept.: 1.8	Comments: up to half of plant rotted out, open centers, some blooms, plants look unhealthy			
# Planted: 9					
% Survived: 89					
	Additional Comments:	Nice plant not heavy flowering in mid summer. Look diseased, okay blooms and uneven in late summer.			
Gaillardia	Spintop Red	Dummen Orange	red	H: 18 W: 27	2017
	Rating June: 3	Comments: uniform, vigorous, silvery green foliage, few red blooms			
	Rating July: 4	Comments: vigorous, many blooms, silvery green leaf and dark red bloom			
	Rating Aug.: 4.4	Comments: vigorous, uniform, covered in blooms, open centers			
	Rating Sept.: 3	Comments: open center, vigorous, many blooms			
# Planted: 9					
% Survived: 67					
	Additional Comments:	Compact habit, great color, very uniform in early summer. Nice controlled plant habit, starting to bloom, lots of buds in mid summer. Very nice, covers dead flowers, tons of flowers with good color in late summer.			
Gaura	Grace™ Haze	Danziger	pinkish	H: 40 W: 44	2017
	Rating June: 3	Comments: lush, medium green foliage, compact			
	Rating July: 3	Comments: incredibly lush and vigorous, medium green, uniform			
	Rating Aug.: 3.7	Comments: vigorous, uniform, big, lush, medium green, some blooms			
	Rating Sept.: 2.8	Comments: huge plants, covered in blooms, vigorous and uniform, lush			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Good growth habit, great foliage. Huge plants without many flowers in mid summer. Good vigor, no lodging, okay blooms in late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gypsophila	Festival™ Pink Splash	Danziger	light pink	H: 12 W: 27	2017
	Rating June: 4	Comments: medium green and vigorous, uniform, floriferous, blooms cover entire plant			
	Rating July: 4	Comments: vigorous low growing foliage contrasts many pink blooms			
	Rating Aug.: 3.1	Comments: vigorous, covered in blooms, low growing, carpeting			
	Rating Sept.: 3.5	Comments: vigorous and uniform, short and spreading, covered in blooms			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Messy habit, small flowers in early summer. Nice matting habit and uniform, wispy color in mid season. Blooms on edges and uniform in late summer.			
Gypsophila	Festival™ White Flare	Danziger	white	H: 24 W: 30	2017
	Rating June: 1	Comments: low vigor, medium green, some sunburn			
	Rating July: 2	Comments: vigorous, lanceolate foliage, dark green, compact			
	Rating Aug.: 2.3	Comments: vigorous, lush, dark green, white clouds of blooms			
	Rating Sept.: 3.8	Comments: vigorous, uniform, tall, covered in blooms, some open centers			
# Planted: 9					
% Survived: 67					
	Additional Comments:	Nice green foliage, some death in mid summer. Fairly uniform, budded, only 3 plants left, few flowers in late summer.			
Helenium	Mariachi™ Bandera	Plants Nouveau	yellow to red	H: 30 W: 32	2017
	Rating June: 2	Comments: medium green, uniform, vigorous			
	Rating July: 2	Comments: vigorous, uniform, lush, compact			
	Rating Aug.: 2.5	Comments: lush, dark green, tall, upright, floriferous			
	Rating Sept.: 3	Comments: covered in vibrant blooms, dark foliage color, some lodging			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Very healthy plants in early summer. Some chlorosis, uniform in mid summer. Some chlorosis but very uniform, good vigor, uniform, many buds in late summer.			
Heuchera	NORTHERN EXPOSURE™ Amber	Terra Nova Nurseries	light yellow	H: 8 W: 12	2017
	Rating June: 1	Comments: nonuniform, various vigor			
	Rating July: 2	Comments: vigorous, uniform, compact, interesting foliage color			
	Rating Aug.: 1.4	Comments: medium vigor, good foliage color, uniform			
	Rating Sept.: 2.3	Comments: uniform, compact, some insect damage, fantastic color going into fall			
# Planted: 18					
% Survived: 83					
	Additional Comments:	Clean foliage, but colors are dull, lost some plants, not very uniform. Vigor okay.			
Heuchera	NORTHERN EXPOSURE™ Lime	Terra Nova Nurseries	lime green	H: 10 W: 18	2017
	Rating June: 2	Comments: compact, uniform, unique foliage color			
	Rating July: 3	Comments: vigorous, bushy, interesting foliage color			
	Rating Aug.: 2.1	Comments: vigorous, good foliage color, uniform			
	Rating Sept.: 2.3	Comments: uniform, compact, some insect damage, fantastic color going into fall			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Not a very bright lime green. Flowers are dull and brown looking. Nonuniform, flowers seem dirty.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Heuchera	NORTHERN EXPOSURE™ Silver	Terra Nova Nurseries	pale pink	H: 5 W: 10	2017
	Rating June: 1	Comments: small, low vigor			
	Rating July: 1	Comments: very low vigor, small plants, unhealthy			
	Rating Aug.: 0.7	Comments: low vigor, small unhealthy plants			
	Rating Sept.: 0.7	Comments: small plants, no new growth, some necrosis			
# Planted: 18					
% Survived: 39					
	Additional Comments:	Not over wintering. Most dead.			
Hibiscus	SUMMERIFIC® Cherry Choco Latte	Walters Gardens, Inc. /Proven Winners®	light pink with red eye	H: 48 W: 42	2017
	Rating June: 3	Comments: lush foliage with purple tinge, vigorous and uniform			
	Rating July: 4	Comments: vigorous, lush, unique purplish foliage			
	Rating Aug.: 3.8	Comments: vigorous, huge blooms, good foliage color			
	Rating Sept.: 3.5	Comments: loosing purple color, vigorous and uniform, some hail damage 9-19-18			
# Planted: 5					
% Survived: 100					
	Additional Comments:	Vigorous, blossoms held high on stems. Uniform with huge flowers in late season.			
Iberis	Snowsation	Darwin Perennials	white	H: 8 W: 13.5	2017
	Rating June: 3	Comments: cut back 6/14, compact, medium green, many white flowers, lodged after hail storm			
	Rating July: 2	Comments: lush, vigorous, compact, uniform, few blooms			
	Rating Aug.: 1.3	Comments: vigorous, dark green, compact, uniform			
	Rating Sept.: 2	Comments: all plants yellowing, some plants dead/declining			
# Planted: 14					
% Survived: 100					
	Additional Comments:	Looks bad after blooming. Not uniform, few blooms. Shows some chlorosis.			
Kniphofia	Mango Popsicle™	Terra Nova Nurseries	orange	H: 42 W: 27	2017
	Rating June: 3	Comments: vigorous, uniform, medium green			
	Rating July: 4	Comments: vigorous, uniform, medium green, unique linear foliage			
	Rating Aug.: 4.3	Comments: vigorous, uniform, lush, compact, covered in blooms			
	Rating Sept.: 3.3	Comments: vigorous and uniform, dense, dark green, some blooms			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Strong plants, vibrant color, floriferous, great foliage. Good re-bloomer, uniform, nice in late summer.			
Kniphofia	Redhot Popsicle™	Terra Nova Nurseries	dark orange	H: 36 W: 24	2017
	Rating June: 3	Comments: vigorous, uniform, medium green			
	Rating July: 5	Comments: vigorous, uniform, medium green, unique foliage, many blooms, large spikes			
	Rating Aug.: 3.3	Comments: blooming slowing, vigorous, uniform, compact			
	Rating Sept.: 4	Comments: vigorous and uniform, dense, dark green			
# Planted: 9					
% Survived: 100					
	Additional Comments:	Strong plants, vibrant color, compact habit. Lots of flowers, nice clean foliage, no browning. Good color, floppy, low quantity of blooms in late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27		Year Planted
Lamium	Lami™ Dark Purple	Danziger	purple	H: 15	W: 27	2017
	Rating June: 3	Comments: vigorous, uniform, dark green/white variegated, covered in purple blooms				
	Rating July: 4	Comments: vigorous, filling in, some blooms				
	Rating Aug.: 3.5	Comments: uneven cover, covered in blooms, various height, vigorous				
	Rating Sept.: 3.5	Comments: plant is exceptionally floriferous, vigorous, uniform, covered in blooms				
# Planted: 18						
% Survived: 100						
	Additional Comments:	Nice dark purple flower. Healthy plant, clean foliage. Nonuniform, good quantity of blooms.				
Lamium	Lami™ Mega Purple	Danziger	lavender	H: 15	W: 27	2017
	Rating June: 3	Comments: very vigorous, light green/white variegated, some purple blooms				
	Rating July: 4	Comments: very vigorous, filled in, uniform carpet of foliage				
	Rating Aug.: 2.6	Comments: vigorous, carpet of interesting foliage, few blooms, compact, dense				
	Rating Sept.: 3.8	Comments: plant is exceptionally vigorous, uniform, compact and lush				
# Planted: 18						
% Survived: 100						
	Additional Comments:	Clean healthy, great groundcover. Excellent uniformity and vigor in mid summer. Vigorous, good foliage color, uniform, filled in.				
Leucanthemum	Lucille™ Chic	Danziger	white	H: 15	W: 12	2017
	Rating June: 3	Comments: compact, vigorous, uniform dark green foliage				
	Rating July: 4	Comments: plant covered in blooms, uniform, vigorous,				
	Rating Aug.: 2	Comments: deadheaded 8/2/18, uniform, dark green, compact				
	Rating Sept.: 2.3	Comments: vigorous and uniform, dark green, compact, some blooms, some discolored leaves				
# Planted: 9						
% Survived: 100						
	Additional Comments:	Smaller blooms but nice. Very uniform.				
Leucanthemum	Lucille™ White	Danziger	white	H: 18	W: 15	2017
	Rating June: 3	Comments: vigorous, uniform, some large blooms				
	Rating July: 4	Comments: plant covered in blooms, uniform, medium green foliage				
	Rating Aug.: 2.2	Comments: deadheaded 8/2/18, nonuniform, open center				
	Rating Sept.: 2.8	Comments: vigorous and uniform, dark green, compact, some blooms, some discolored leaves				
# Planted: 9						
% Survived: 100						
	Additional Comments:	Very nice, uniform, great flower power. Tons of flowers, nice compact plant.				
Leucanthemum	Sweet Daisy Christine	Dummen Orange	white	H: 15	W: 16.5	2017
	Rating June: 3	Comments: uniform, vigorous				
	Rating July: 4	Comments: thick medium green foliage, vigorous, many blooms				
	Rating Aug.: 2.9	Comments: deadheaded 8/2/18, vigorous, uniform				
	Rating Sept.: 2.5	Comments: vigorous and uniform, dark green, compact, some discolored leaves				
# Planted: 9						
% Survived: 67						
	Additional Comments:	Uneven plants and flowers, flowers clean and lots of them.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Leucanthemum	White Magic	Darwin Perennials	white	H: 6 W: 11.5	2017
	Rating June: 1	Comments: may not survive			
	Rating July: 3	Comments: low vigor, unhealthy, lodging			
	Rating Aug.: 1.6	Comments: lodged plants, wilting in sun, low vigor			
	Rating Sept.: 0.7	Comments: small, low vigor, lodged stems			
# Planted: 9					
% Survived: 22					
	Additional Comments:	Poor overwintering, faded blooms look bad.			
Lewisia	CONSTANT™ Coral	Terra Nova Nurseries	coral	H: 4 W: 6	2017
	Rating June: 2	Comments: sun burn, low vigor, few small flowers, some rot			
	Rating July: 1	Comments: plants yellowing, low vigor, red speckling, some rot			
	Rating Aug.: 0.8	Comments: low vigor, plants turning red, gaining vigor, small			
	Rating Sept.: 0.3	Comments: discolored, may be rotting, gaining some vigor			
# Planted: 9					
% Survived: 78					
	Additional Comments:	Chlorosis, having a hard time surviving.			
Lupinus	Westcountry™ Blacksmith	Eason Hort Resources/Gulley	violet	H: 6 W: 12	2017
	Rating June: 2	Comments: aphids, plant death from hail, low vigor, some very showy blooms, some recovery			
	Rating July: 1	Comments: Marathon insecticide applied, recovering from aphids, chlorotic, low vigor, unhealthy			
	Rating Aug.: 0	Comments: plant declining, sickly individual			
	Rating Sept.: 0.3	Comments: unhealthy necrotic and chlorotic plant			
# Planted: 18					
% Survived: 100					
	Additional Comments:	Nice big flowers, foliage damage, dead and diseased.			
Miscanthus	Bandwidth	Darwin Perennials		H: 48 W: 27	2017
	Rating June: 2	Comments: vigorous, variegated foliage, uniform			
	Rating July: 2	Comments: vigorous, unique foliage			
	Rating Aug.: 2.1	Comments: compact, good variegation, lush, vigorous			
	Rating Sept.: 2	Comments: compact and uniform, vigorous and dense, interesting color and texture			
# Planted: 12					
% Survived: 100					
	Additional Comments:	Nice compact form, unique variegation. Upright. Strong habit, nice size for smaller yards.			
Monarda	Bee-You™ Bee-Merry	Plants Nouveau	bright pink	H: 22 W: 22	2017
	Rating June: 2	Comments: very vigorous, dark green, some hail damage			
	Rating July: 4	Comments: medium green, vigorous, uniform, many hot pink blooms cover plant, large blooms			
	Rating Aug.: 3.2	Comments: uniform and vigorous, dark green, blooming slowing, mildew			
	Rating Sept.: 1.8	Comments: covered in mildew, leaves yellowing			
# Planted: 9					
% Survived: 67					
	Additional Comments:	The plant name fits it. Bees love this plant. Floriferous, uniform in mid summer. Clean foliage, blooming well. Nice mounds, still throwing blooms in late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27		Year Planted
Monarda	Pocahontas Pink	Dummen Orange	bright pink	H: 32	W: 24	2017
	Rating June: 3	Comments: very vigorous, medium green, uniform, mild hail damage				
	Rating July: 4	Comments: very vigorous, uniform, tall, large blooms				
	Rating Aug.: 3.7	Comments: mildew, few blooms, does not look good				
	Rating Sept.: 1.3	Comments: covered in mildew, leaves yellowing				
# Planted: 9						
% Survived: 100						
	Additional Comments:	Uniform, floriferous, nice color, vigorous in early summer. Uniform, high vigor, many blooms.				
Monarda	Pocahontas Purple Rose	Dummen Orange	purple	H: 15	W: 16.5	2017
	Rating June: 1	Comments: chlorotic, low vigor, leaf scorch				
	Rating July: 1	Comments: nonuniform, chlorotic, tip burn, some small blooms				
	Rating Aug.: 3.5	Comments: compact, covered in blooms, uniform, mildew				
	Rating Sept.: 1.7	Comments: covered in mildew, leaves yellowing				
# Planted: 9						
% Survived: 100						
	Additional Comments:	Very chlorotic. Blooming front to back, low vigor, lots of flowers.				
Monarda	Pocahontas Red Rose	Dummen Orange	pinkish purple	H: 12	W: 12	2017
	Rating June: 2	Comments: compact, low vigor, uniform, mild hail damage				
	Rating July: 2	Comments: uniform, short, dark green,				
	Rating Aug.: 2.7	Comments: compact, dark green, vigorous, uniform				
	Rating Sept.: 2.3	Comments: covered in mildew, leaves yellowing				
# Planted: 9						
% Survived: 100						
	Additional Comments:	Smaller than the rest of the series. Crowded by pink, low vigor and small.				
Monarda	Pocahontas White Blush	Dummen Orange	pink	H: 32	W: 24	2017
	Rating June: 2	Comments: very vigorous, medium green, uniform, mild hail damage				
	Rating July: 4	Comments: very vigorous, uniform, tall				
	Rating Aug.: 3.5	Comments: blooming slowing, many blooms, vigorous, uniform				
	Rating Sept.: 2	Comments: covered in mildew, leaves yellowing				
# Planted: 9						
% Survived: 100						
	Additional Comments:	Floriferous form, very uniform, vigorous. Clean plants, not in flower yet in mid summer. Uniform, tall, high vigor, many blooms in late summer.				
Mukgenia	Nova™ Flame	Terra Nova Nurseries	dark pink	H: 9	W: 15	2017
	Rating June: 2	Comments: thick dark green foliage, shiny and compact				
	Rating July: 3	Comments: vigorous, thick waxy leaf, glossy green				
	Rating Aug.: 1.9	Comments: dark green, thick texture, medium vigor				
	Rating Sept.: 2	Comments: gaining vigor in cool weather, uniform, compact, thick waxy foliage				
# Planted: 18						
% Survived: 94						
	Additional Comments:	Clean leaves no disease. Glossy foliage, dark green, lush.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Nepeta	Aroma Violet	Danziger	purple	H: 24 W: 32	2017
	Rating June:	3	Comments:	very vigorous, silvery green foliage, compact, covered in blooms	
	Rating July:	4	Comments:	compact, uniform, silvery green foliage, covers own spent blooms, many blooms	
	Rating Aug.:	2.8	Comments:	open centers, some chlorosis, covered in blooms, vigorous	
	Rating Sept.:	3.3	Comments:	vigorous, open centers, compact, many blooms, some chlorosis	
	# Planted: 9 % Survived: 100	Additional Comments: Nice smaller habit, flowers not showy in early summer. Upright habit with some yellowing, flowers can not be seen. Lodging but uniform. Blooms don't stand out and starting to open up in center in late summer.			
Phlox	Cherry Cream	Darwin Perennials	light pink with dark eye	H: 30 W: 17.5	2017
	Rating June:	3	Comments:	medium green foliage, good vigor, some low vigor plants	
	Rating July:	3	Comments:	some chlorosis/light green tips, large inflorescence, vigorous and uniform	
	Rating Aug.:	3.5	Comments:	vigorous, uniform, covered in blooms	
	Rating Sept.:	1.8	Comments:	covered in mildew, lodged stems, some blooming, some leaf necrosis	
	# Planted: 18 % Survived: 100	Additional Comments: No flowers in early summer. Just coming into flower foliage looks chlorotic, good flower power mid to late summer. Some lodging in late season.			
Rudbeckia	American Gold Rush	Intrinsic Perennial Gardens	yellow	H: 33 W: 36	2017
	Rating June:	3	Comments:	compact and vigorous pubescent medium green foliage, very uniform	
	Rating July:	3	Comments:	uniform, vigorous, lush, pubescent, mounding growth habit	
	Rating Aug.:	3.8	Comments:	covered in long lasting blooms, very uniform, vigorous	
	Rating Sept.:	3.5	Comments:	open centers, vigorous, absolutely covered in extremely long lasting blooms, lodging	
	# Planted: 9 % Survived: 100	Additional Comments: Nice and compact, tight in form, flower buds about to open in early summer. Foliage perfect but no flowers yet. Good foliage, just blooming, looks good, uniform, lots of flowers in late summer.			
Salvia	April Night	Danziger	royal purple	H: 24 W: 18	2017
	Rating June:	4	Comments:	deadheaded 6/14, vigorous, compact, uniform, covered in blooms	
	Rating July:	3	Comments:	Compact, vigorous, uniform, covered in blooms, cut back 7/12/18	
	Rating Aug.:	2.9	Comments:	vigorous, uniform, compact, many blooms	
	Rating Sept.:	2	Comments:	vigorous and uniform, many blooms	
	# Planted: 9 % Survived: 100	Additional Comments: Plants healthy, lots of blooms, in early summer. Plants holding up, uniform, few blooms in late summer.			
Salvia	Rose Marvel	Darwin Perennials	deep pink	H: 24 W: 24	2017
	Rating June:	4	Comments:	deadheaded 6/14, uniform, compact, exceptionally large blooms	
	Rating July:	4	Comments:	vigorous, compact, uniform, many blooms, exceptionally large blooms	
	Rating Aug.:	3	Comments:	overgrown looking, vigorous, uniform, covered in blooms	
	Rating Sept.:	2.8	Comments:	vigorous and uniform, many blooms	
	# Planted: 10 % Survived: 100	Additional Comments: Compact habit, dark rose flowers are showy. Nice vibrant color, 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.

Percent survived is based on plants surviving from initial planting.

Class of 2017 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Salvia	Sallyrosa™ Jumbo Pink	Danziger	pink	H: 26 W: 27	2017
	Rating June: 4	Comments: vigorous, uniform, medium green, lush, covered in large blooms			
	Rating July: 3	Comments: vigorous, uniform, some lodging from overhead irrigation, cut back 7/12/18			
	Rating Aug.: 1.9	Comments: vigorous, uniform, compact, light green			
	Rating Sept.: 2.5	Comments: vigorous and uniform, emerald green, many blooms, lush			
# Planted:	10				
% Survived:	100				
	Additional Comments:	Nice clean foliage, tidy habit, nice flowers in early summer. Lodging in mid summer. Too yellow, just starting to rebloom in late summer.			
Salvia	Shangri-la sage	Plant Select®	lavender	H: 24 W: 36	2017
	Rating June: 4	Comments: vigorous, huge plants, some large lavender blooms			
	Rating July: 3	Comments: Cut back 6/28/18, ragged from hail, vigorous and uniform			
	Rating Aug.: 2.4	Comments: vigorous, lush, compact, huge silvery pubescent leaves			
	Rating Sept.: 2.7	Comments: vigorous, uniform, silvery green leaves, compact, big plants			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Compact habit, dark flowers are showy in early summer. Great silvery foliage. Huge, uniform after cut back in late summer.			
Salvia	Spring King	Dummen Orange	violet	H: 24 W: 18	2017
	Rating June: 3	Comments: deadheaded 6/14, vigorous, compact, uniform, covered in blooms, bloomed very early			
	Rating July: 3	Comments: Compact, vigorous, uniform, covered in blooms, cut back 7/12/18			
	Rating Aug.: 3.6	Comments: vigorous, uniform, compact, many blooms			
	Rating Sept.: 2.3	Comments: vigorous and uniform, many blooms, spent seed heads attract mice			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Only blooms at tips during mid summer. Nice plants, uniform, many blooms in late summer.			
Scrophularia	Cardinale™ Red	Terra Nova Nurseries	scarlet	H: 30 W: 27	2017
	Rating June: 4	Comments: vigorous green foliage, uniform, many striking red flowers, little hail damage			
	Rating July: 4	Comments: lush, vigorous, green, many unique shaped blooms, some lodging			
	Rating Aug.: 3.6	Comments: vigorous, uniform, many vibrant blooms, tall			
	Rating Sept.: 2	Comments: few plants lodging, overtaken by hibiscus, many blooms, some chlorosis			
# Planted:	9				
% Survived:	100				
	Additional Comments:	Not flowering in early summer. Nice red flower and beginning to lodge in places in mid summer. Nice habit, smaller than straight species, flowering well. Wild looking, some chlorosis, good color in late season.			
Sedum	Peace and Joy	Intrinsic Perennial Gardens	pink	H: 15 W: 23	2017
	Rating June: 2	Comments: nonuniform, very vigorous, compact, red tipped leaves, little hail damage			
	Rating July: 2	Comments: vigorous, red edge on leaf, uniform, silvery green, globe shaped mound			
	Rating Aug.: 2.6	Comments: not quite uniform, big strong plants, covered in blooms			
	Rating Sept.: 3	Comments: stems lodge, open centers, covered in blooms, seed heads vibrant pink			
# Planted:	9				
% Survived:	89				
	Additional Comments:	Lots of flower buds, just not open yet. Not uniform in mid summer. Nonuniform, many buds and covered in flowers in late summer.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Veronica	Ronica™ Blue	Danziger	blue	H: 20 W: 24	2017
	Rating June:	1	Comments:	chlorotic, low vigor, unhealthy	
	Rating July:	3	Comments:	recovered from chlorosis, many lodged stems, some blue blooms, gaining vigor	
	Rating Aug.:	2.3	Comments:	lodged stems, open centers, vigorous, little chlorosis, some blooms	
	Rating Sept.:	2.3	Comments:	getting chlorotic in new foliage, some blooms, not uniform	
# Planted:	9				
% Survived:	100				
	Additional Comments:	Chlorotic in early summer. Nonuniform and chlorotic in mid summer. Lodging, nonuniform, but good bloom color in late summer.			
Veronica	Ronica™ Fuchsia	Danziger	dark pink	H: 27 W: 24	2017
	Rating June:	3	Comments:	vigorous, good green color, many blooms	
	Rating July:	5	Comments:	upright, tall, dark green foliage, lush and compact, many flower spikes	
	Rating Aug.:	4	Comments:	upright, dark green, vigorous, uniform, covered in blooms	
	Rating Sept.:	2.5	Comments:	covered in blooms, mildew starting to cover older leaves	
# Planted:	10				
% Survived:	100				
	Additional Comments:	Powdery mildew starting in early summer, plants are robust and green. The bees love this plant, excellent vigor and uniformity, great plants tons of flowers in mid summer. Some chlorosis, in late summer.			

*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 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Agastache	Morello	P	1	2	2	3	3	3	3	3	3	2.6
		F	0	0	2	3	3	4	5	3	3	2.6
Allium	Millenium	P	3	5	4	4	5	4	4	3	3	3.9
		F	0	0	0	1	5	4	2	0	0	1.3
Amsonia tabernaemontana	Storm Cloud	P	1	1	2	2	1	1	1	1	1	1.3
		F	1	1	0	0	0	0	0	0	0	0.3
Armeria	Dreameria™ Daydream	P	3	4	4	3	3	3	4	3	4	3.4
		F	4	3	2	2	0	2	3	3	4	2.5
Armeria	Dreameria™ Sweet Dreams	P	3	4	4	3	3	3	4	3	4	3.4
		F	4	3	2	1	0	1	2	2	3	2
Asclepias tuberosa	Blonde Bombshell	P	2	2	2	3	3	2	2	1	2	2.1
		F	0	3	4	5	4	3	0	0	0	2.1
Brunnera	Sea Heart	P	4	3	4	3	3	3	3	4	3	3.4
		F	1	1	0	0	0	1	1	1	0	0.5
Campanula	Adansa Pink	P	1	2	2	3	2	3	2	2	2	2.1
		F	0	3	2	3	0	2	2	2	2	1.8
Campanula	Adansa Purple	P	2	3	3	3	2	3	2	2	2	2.4
		F	1	3	3	3	0	3	2	2	2	2.1
Campanula	Adansa White	P	2	3	3	3	3	3	3	3	3	2.9
		F	1	4	3	3	2	2	2	1	0	2
Campanula	Ambella Dark Blue	P	1	2	2	3	3	3	3	4	3	2.7
		F	0	1	2	0	2	3	3	3	3	1.9
Campanula	Ambella White	P	2	3	2	3	2	3	2	3	3	2.6
		F	1	3	4	3	2	3	3	3	3	2.8
Coreopsis	Gilded Lace	P	2	3	4	4	3	4	4	3	3	3.3
		F	0	1	3	4	3	4	5	3	3	2.9
Coreopsis	Rosanna	P	1	1	2	3	2	3	3	3	3	2.3
		F	0	0	0	0	3	3	3	3	3	1.7
Coreopsis	Solanna™ Glow	P	1	1	1	2	1	3	3	3	3	2
		F	0	0	0	0	1	1	3	3	3	1.2
Coreopsis	Solanna™ Golden Crown	P	1	1	2	3	2	3	3	3	3	2.3
		F	0	0	3	3	1	3	3	3	3	2.1
Coreopsis x hybrida	Little Bang™ Starbright	P	1	1	1	0	0	0	0	0	0	0.5
		F	0	0	0	0	0	0	0	0	0	0
Delosperma	Stireman Orange	P	3	2	3	3	3	4	3	4	3	3.1
		F	3	2	2	3	2	3	2	2	3	2.5
Delosperma	Stireman Raspberry	P	4	4	4	3	1	2	2	4	3	3.1
		F	5	3	2	3	2	2	2	2	3	2.8
Dianthus	American Pie™ Georgia Peach Pie	P	2	1	1	1	0	0	0	0	0	1
		F	2	3	1	0	0	0	0	0	0	1.2
Dianthus	Flow™ Blinky Beach	P	1	3	3	2	2	2	2	1	2	2
		F	0	1	2	2	2	2	2	1	1	1.4

*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 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Dianthus	Flow™ Crane Beach	P	2	3	3	3	3	2	2	3	3	2.8
		F	1	0	3	3	2	2	2	3	3	2.1
Dianthus	Flow™ Grace Bay	P	1	2	2	2	2	2	2	1	2	1.8
		F	0	1	1	2	1	1	2	1	1	1
Dianthus	Flow™ Punta Cana	P	1	2	2	2	2	2	2	1	2	1.8
		F	0	0	1	2	1	1	2	1	1	0.9
Dianthus	Flow™ White Bay	P	2	2	2	2	2	2	2	1	2	1.9
		F	0	0	1	2	1	0	2	1	1	0.8
Dianthus	Kahori Pink	P	4	4	4	4	4	4	4	4	4	4
		F	5	3	2	3	4	4	3	4	4	3.6
Dianthus	Kahori Scarlet	P	4	4	4	4	4	4	5	4	4	4
		F	5	3	3	3	4	4	5	5	5	4
Dianthus	Mountain Frost™ Pink Carpet	P	1	2	2	2	3	4	4	4	4	2.8
		F	1	1	1	1	1	2	2	2	2	1.4
Dianthus	Mountain Frost™ Pink PomPom	P	2	4	4	4	3	4	3	4	4	3.6
		F	2	4	3	5	3	3	4	4	3	3.4
Dianthus	Mountain Frost™ Pink Twinkle	P	1	2	2	1	2	3	3	3	3	2.1
		F	1	1	0	1	0	2	2	2	2	1.1
Dianthus	Mountain Frost™ Rose Bouquet	P	1	2	4	4	3	4	3	4	4	3.3
		F	1	1	2	0	1	1	2	1	2	1.1
Dianthus	Mountain Frost™ Silver Strike	P	1	3	4	4	3	3	4	4	4	3.3
		F	2	3	3	1	0	1	1	1	1	1.5
Dianthus	Mountain Frost™ White Twinkle	P	2	3	4	3	3	3	3	3	4	3.1
		F	1	2	3	3	2	3	2	3	4	1.6
Dianthus	Odessa Amy	P	1	1	2	2	2	2	2	2	2	1.8
		F	1	1	1	1	1	2	1	2	1	1.3
Dianthus	Odessa Joelle	P	1	1	2	1	1	1	1	1	1	1.1
		F	1	1	0	0	0	0	1	0	0	0.3
Dianthus	Olivia Bella	P	1	2	3	3	2	2	3	3	3	2.4
		F	3	1	1	2	1	2	2	3	2	1.9
Dianthus	Rockin'™ Red	P	1	2	2	3	1	2	2	3	3	2.1
		F	4	4	2	3	1	2	2	3	3	2.8
Dianthus	Sunflor Abby	P	3	3	3	3	2	2	2	3	2	2.6
		F	3	4	4	3	2	2	2	3	2	2.9
Dianthus	Sunflor Desire	P	1	1	2	2	2	2	3	3	3	2
		F	1	1	0	1	1	1	2	3	3	1.4
Dianthus	Sunflor Esmay	P	2	2	2	2	2	2	2	3	2	2.1
		F	1	3	2	1	0	2	1	3	2	1.8
Dianthus	Sunflor Kaylee	P	3	4	4	3	2	2	2	2	3	2.9
		F	3	5	3	2	3	1	1	2	2	2.6
Dianthus	Sunflor Megan	P	2	4	3	2	2	2	2	2	2	2.4
		F	3	4	3	3	0	2	2	3	2	2.5

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Class of: 2017

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Dianthus	Sunflor Nora	P	3	4	4	4	3	2	2	2	2	3
		F	3	4	3	4	3	2	1	3	2	3
Echinacea	Butterfly™ Rainbow Marcella	P	1	2	2	3	2	2	2	2	2	2
		F	0	1	2	3	3	2	2	1	2	1.8
Echinacea	Sombrero® Granada Gold	P	2	3	3	3	3	3	2	3	2	2.7
		F	0	1	2	4	4	4	3	3	1	2.4
Echinacea	Sombrero® Lemon Yellow Improved	P	1	1	2	2	2	3	2	1	2	1.8
		F	0	0	0	2	2	3	2	2	1	1.3
Echinacea	Sombrero® Sangrita	P	1	2	3	3	2	2	2	2	2	2.1
		F	0	0	2	3	3	3	2	1	1	1.7
Echinacea purpurea	Green Twister	P	2	2	3	3	3	4	4	3	2	2.9
		F	1	1	2	3	4	4	3	3	2	2.6
Epimedium	Dark Beauty	P	4	4	3	3	3	3	3	3	3	3.3
		F	0	0	0	0	0	0	0	0	0	0
Gaillardia	Galya™ Blazing Sun	P	1	1	1	2	2	1	1	1	1	1.2
		F	0	0	0	1	2	2	3	2	1	1.2
Gaillardia	Galya™ Wild Fire	P	1	2	2	3	2	2	2	1	1	1.8
		F	0	2	3	3	3	3	3	2	2	2.3
Gaillardia	Galya™ Yellow	P	2	3	3	3	2	2	2	2	3	2.4
		F	0	0	1	3	3	3	3	3	2	2
Gaillardia	Spintop Orange Halo	P	3	4	3	3	3	2	2	1	1	2.4
		F	0	1	2	3	3	3	3	2	2	2.1
Gaillardia	Spintop Red	P	3	4	3	4	3	2	2	2	2	2.8
		F	0	1	3	4	3	3	3	3	2	2.4
Gaura	Grace™ Haze	P	3	4	4	3	3	4	4	3	4	3.6
		F	0	0	0	2	3	3	4	1	2	1.7
Gypsophila	Festival™ Pink Splash	P	4	4	4	4	4	4	4	4	4	4
		F	4	5	4	4	3	4	4	3	2	3.7
Gypsophila	Festival™ White Flare	P	1	2	3	3	4	3	4	3	3	2.9
		F	0	0	0	0	2	4	4	5	3	2
Helenium	Mariachi™ Bandera	P	3	3	3	3	4	4	2	2	2	2.9
		F	0	0	0	0	1	3	5	4	3	1.8
Heuchera	NORTHERN EXPOSURE™ Amber	P	2	2	3	3	3	3	3	3	3	2.8
		F	0	0	0	0	0	0	0	0	0	0
Heuchera	NORTHERN EXPOSURE™ Lime	P	3	3	3	3	4	3	3	3	3	3.1
		F	2	1	1	0	0	0	0	0	0	0.5
Heuchera	NORTHERN EXPOSURE™ Silver	P	1	2	1	2	1	1	1	1	1	1.3
		F	0	0	0	0	0	0	0	0	0	0
Hibiscus	SUMMERIFIC® Cherry Choco Latte	P	4	5	5	4	4	4	5	3	3	4.1
		F	0	0	0	0	3	4	5	3	1	1.8
Iberis	Snowsation	P	1	3	3	3	3	2	1	3	3	2.4
		F	1	3	1	0	0	0	0	0	0	0.6

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Class of: 2017

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Kniphofia	Mango Popsicle™	P	3	4	3	4	3	3	3	3	3	3.2
		F	1	0	2	5	3	3	2	2	2	2.2
Kniphofia	Redhot Popsicle™	P	2	4	3	4	3	3	3	3	3	3.1
		F	0	0	5	5	1	3	1	3	3	2.3
Lamium	Lami™ Dark Purple	P	5	3	3	4	3	2	3	3	3	3.3
		F	3	3	2	2	3	3	4	2	2	2.5
Lamium	Lami™ Mega Purple	P	5	4	4	4	4	4	4	4	3	4
		F	1	1	0	0	1	2	1	1	2	1
Leucanthemum	Lucille™ Chic	P	4	3	3	4	2	3	3	2	2	2.9
		F	0	0	3	5	0	2	2	2	1	1.7
Leucanthemum	Lucille™ White	P	3	4	3	4	2	3	3	2	2	2.9
		F	0	2	4	5	0	1	2	1	2	1.9
Leucanthemum	Sweet Daisy Christine	P	2	3	3	3	2	3	3	2	2	2.6
		F	0	0	3	5	0	1	0	1	1	1.2
Leucanthemum	White Magic	P	1	1	1	2	1	1	1	1	1	1.1
		F	0	0	1	2	2	0	0	0	0	0.6
Lewisia	CONSTANT™ Coral	P	1	2	2	2	1	1	1	2	3	1.7
		F	1	1	0	0	0	0	0	0	0	0.2
Lupinus	Westcountry™ Blacksmith	P	3	2	1	2	1	1	1	1	1	1.5
		F	5	1	0	0	0	0	0	0	0	0.8
Miscanthus	Bandwidth	P	4	4	4	4	4	4	5	5	4	4.1
		F	0	0	0	0	0	0	0	0	0	0
Monarda	Bee-You™ Bee-Merry	P	3	3	4	3	3	2	1	1	1	2.3
		F	1	0	3	4	2	1	1	0	0	1.3
Monarda	Pocahontas Pink	P	3	4	4	3	3	1	1	1	1	2.3
		F	0	0	2	4	3	2	1	0	0	1.3
Monarda	Pocahontas Purple Rose	P	1	1	1	2	3	2	1	1	1	1.4
		F	0	0	0	2	4	2	1	0	0	1
Monarda	Pocahontas Red Rose	P	2	3	3	3	3	3	1	1	1	2.2
		F	0	0	1	4	2	2	1	0	0	1.1
Monarda	Pocahontas White Blush	P	3	4	4	3	3	3	1	1	1	2.6
		F	0	0	0	4	3	2	1	0	0	1.1
Mukgenia	Nova™ Flame	P	3	3	3	3	3	3	3	3	3	3
		F	1	0	0	0	0	0	0	0	0	0.1
Nepeta	Aroma Violet	P	3	3	3	3	2	3	3	2	4	2.9
		F	3	2	2	3	3	3	4	3	2	2.8
Phlox	Cherry Cream	P	4	4	4	3	4	3	2	1	1	2.8
		F	0	0	0	3	4	2	3	2	0	1.6
Rudbeckia	American Gold Rush	P	4	5	5	5	4	3	2	1	2	3.4
		F	0	0	0	0	4	5	5	5	5	2.7
Salvia	April Night	P	3	4	3	3	3	3	3	3	3	3.1
		F	3	3	3	2	3	3	3	1	1	2.4

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Class of: 2017

Coordinator Plant and Flower Ratings for 2018

Genus	Common Name		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average	
Salvia	Rose Marvel	P	4	3	3	3	2	3	3	3	3	3	
		F	5	4	3	4	3	3	3	3	3	2	3.4
Salvia	Sallyrosa™ Jumbo Pink	P	4	4	2	2	3	4	4	3	3	3	3.1
		F	4	4	3	2	2	1	3	3	3	1	2.5
Salvia	Shangri-la sage	P	3	3	2	3	3	4	4	4	4	4	3.3
		F	5	2	1	0	0	0	0	0	0	0	1
Salvia	Spring King	P	3	3	3	3	3	3	3	3	3	3	3
		F	3	3	3	1	3	3	3	3	1	1	2.3
Scrophularia	Cardinale™ Red	P	4	5	4	4	4	4	3	2	2	2	3.6
		F	1	2	4	5	4	4	3	1	1	0	2.7
Sedum	Peace and Joy	P	4	3	4	4	4	2	2	2	2	2	3
		F	0	0	0	0	2	4	5	4	4	3	2
Veronica	Ronica™ Blue	P	1	2	2	3	2	3	1	2	2	2	2.1
		F	0	0	2	2	1	3	2	1	1	1	1.3
Veronica	Ronica™ Fuchsia	P	3	4	4	4	4	4	2	1	1	1	3.1
		F	1	2	5	5	3	4	3	2	2	1	2.9

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Class of 2018 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Achnatherum calamagrostis	UNDAUNTED® Alpine Plume Grass	Plant Select®	silvery golden	H: 24 W: 21	2018
	Rating June: 2	Comments: vigorous, uniform, medium green, some small plumes			
	Rating July: 2	Comments: vigorous, uniform, clumps growing fast, some rabbit damage			
	Rating Aug.: 1.1	Comments: small plants, vigorous, some plumes			
	Rating Sept.: 1	Comments: gaining vigor in cool weather, uniform, some good textured blooms			
# Planted: 16					
% Survived:					
	Additional Comments:				
Agastache	Sunrise™ Blue	Green Fuse Botanicals	purple	H: 30 W: 24	2018
	Rating June: 3	Comments: vigorous, aromatic foliage, covered in blue blooms, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, uniform, fantastic flower color			
	Rating Aug.: 3	Comments: vigorous, uniform, medium green, lush, many blooms			
	Rating Sept.: 3	Comments: extremely vigorous, extremely aromatic, covered in blooms, very lush and green			
# Planted: 17					
% Survived:					
	Additional Comments: Nonuniform habit, good quantity of blooms.				
Agastache	Sunrise™ Orange	Green Fuse Botanicals	orange	H: 30 W: 24	2018
	Rating June: 3	Comments: vigorous, aromatic foliage, covered in orange blooms, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, uniform, fantastic flower color			
	Rating Aug.: 3.8	Comments: vigorous, uniform, medium green, lush, many blooms			
	Rating Sept.: 2.8	Comments: vigorous and uniform, good green foliage covered in blooms			
# Planted: 18					
% Survived:					
	Additional Comments: Pale orange, good color, uniform, vigorous, definitely a collection.				
Allium	Summer Beauty	Stonehouse Nursery, LLC	lavender	H: 12 W: 18	2018
	Rating June: 2	Comments: some burned leaves, uniform			
	Rating July: 3	Comments: vigorous, uniform, shiny			
	Rating Aug.: 2	Comments: compact, vigorous, lush, uniform			
	Rating Sept.: 2.3	Comments: vigorous and uniform, compact clumps, good foliage color			
# Planted: 18					
% Survived:					
	Additional Comments: Nice green foliage.				
Allium	Summer Peek-a-Boo®	Stonehouse Nursery, LLC	dusty pink	H: 12 W: 18	2018
	Rating June: 2	Comments: compact, dark green foliage, uniform, some blooms			
	Rating July: 3	Comments: vigorous, uniform, shiny			
	Rating Aug.: 2	Comments: compact, vigorous, lush, uniform			
	Rating Sept.: 2.3	Comments: vigorous and uniform, compact clumps, good foliage color			
# Planted: 18					
% Survived:					
	Additional Comments:				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Allium schoenoprasum	Forescate	Stonehouse Nursery, LLC	dusty pink	H: 15 W: 18	2018
	Rating June:	2	Comments:	some burned leaves, uniform, bloomed in greenhouse	
	Rating July:	3	Comments:	vigorous, blue-green foliage,	
	Rating Aug.:	2.1	Comments:	compact, vigorous, lush, uniform	
	Rating Sept.:	2.3	Comments:	vigorous and uniform, compact clumps, good foliage color	
# Planted:	18				
% Survived:					
Additional Comments:					
Astilbe x	Chocolate Shogun	Eason Hort Resources/Creek Hill	creamy white to pink	H: 12 W: 13.5	2018
	Rating June:	2	Comments:	dark purple foliage, medium vigor, good flower, started blooming in greenhouse	
	Rating July:	2	Comments:	gorgeous dark foliage, peachy flower, too much sun, greenhouse leaves burning	
	Rating Aug.:	1	Comments:	nonuniform, losing vigor, some death/decline	
	Rating Sept.:	1.3	Comments:	plants dying, few vigorous plants, dark foliage	
# Planted:	21				
% Survived:					
Additional Comments: Dark glossy foliage, light pink flowers accent foliage.					
Clematis hexapetala	Mongolian Snowflakes	Plant Select®	white	H: 6 W: 21	2018
	Rating June:	1	Comments:	sprawling plants, some new growth	
	Rating July:	2	Comments:	vigorous, plants lodged	
	Rating Aug.:	1	Comments:	some new growth, lodged stems, medium vigor, nonuniform	
	Rating Sept.:	0.7	Comments:	gaining vigor in cool weather, lodged stems, some new growth	
# Planted:	15				
% Survived:					
Additional Comments:					
Coreopsis	Double the Sun	Keift PanAmerican Seed	yellow	H: 22 W: 21	2018
	Rating June:	1	Comments:	small plants, uniform, dark green foliage	
	Rating July:	4	Comments:	small plants, vigorous, uniform, some blooms	
	Rating Aug.:	3.6	Comments:	compact, vigorous, many blooms, dark green, lush	
	Rating Sept.:	3.5	Comments:	vigorous and uniform, compact, dark green, covered in blooms	
# Planted:	18				
% Survived:					
Additional Comments: Good for first year, uniform, nice color display.					
Coreopsis	Early Sunrise	Keift PanAmerican Seed	golden yellow	H: 26 W: 19.5	2018
	Rating June:	1	Comments:	small plants, uniform, dark green foliage	
	Rating July:	2	Comments:	small plants, vigorous, uniform, compact	
	Rating Aug.:	3.6	Comments:	compact, vigorous, many blooms, dark green, lush	
	Rating Sept.:	4	Comments:	vigorous and uniform, compact, dark green, covered in blooms	
# Planted:	18				
% Survived:					
Additional Comments: Uniform, just starting to bloom in late summer.					

*Height and width measurements in inches.

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Class of 2018 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Coreopsis	Golden Stardust	Darwin Perennials	yellow with red center	H: 24 W: 21	2018
	Rating June: 3	Comments: low vigor, uniform, medium green, many blooms, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, lush, uniform, many flowers			
	Rating Aug.: 3.3	Comments: vigorous, dense, many blooms, uniform			
	Rating Sept.: 3.3	Comments: non-uniform, some chlorosis, vigorous, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Nonuniform vigor.			
Coreopsis	Super Star	Darwin Perennials	creamy yellow with scarlet center	H: 18 W: 21	2018
	Rating June: 3	Comments: low vigor, uniform, unique bloom, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, lush, uniform, some flowers			
	Rating Aug.: 3.3	Comments: vigorous, medium green, blooms wilt in hot sun			
	Rating Sept.: 3.5	Comments: vigorous and uniform, lush, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Unique flower, uniform. Good foliage, great flower.			
Coreopsis grandiflora	Corey™ Compact Gold	Syngenta	golden yellow	H: 18 W: 13.5	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: just planted			
	Rating Aug.: 3.9	Comments: dark green, compact, many blooms, vigorous			
	Rating Sept.: 3.3	Comments: vigorous and uniform, many vibrant blooms, dark green, compact, lush			
# Planted: 18					
% Survived:					
	Additional Comments:	Light green foliage, many blooms.			
Coreopsis grandiflora	Moonswirl	Dummen Orange	gold	H: 20 W: 18	2018
	Rating June: 4	Comments: thick green foliage, lush, numerous big blooms, started blooming in greenhouse			
	Rating July: 4	Comments: extremely vigorous, covered in big blooms, compact, dark green			
	Rating Aug.: 4.1	Comments: incredibly vigorous, large dark green leaves, lush, many long stemmed blooms			
	Rating Sept.: 4	Comments: starting to get some mildew, dark green, compact, vigorous and uniform, covered in blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Bright flowers, clean plants, nice double flower in mid summer. Uniform plants, dark green, bright, many flowers in late summer.			
Coreopsis rosea	Satin & Lace™ Berry Chiffon	Dummen Orange	cream with fuchsia center	H: 24 W: 18	2018
	Rating June: 3	Comments: vigorous, floriferous, lodged after planting out, started blooming in greenhouse			
	Rating July: 4	Comments: Cut back 6/28, vigorous, uniform, many blooms			
	Rating Aug.: 3.6	Comments: vigorous, compact, many blooms cover plant			
	Rating Sept.: 2.8	Comments: vigorous and uniform, dark green, covered in vibrant blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Blossoms nonuniform in mid summer. Full plants, lacks flower power in late summer.			

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Class of 2018 Size, Data and Comments for 2018

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: 18 W: 18	2018
	Rating June: 3	Comments: vigorous, floriferous, lodged after planting out, started blooming in greenhouse			
	Rating July: 4	Comments: Cut back 6/28, vigorous, uniform, few blooms			
	Rating Aug.: 3.8	Comments: vigorous, compact, many blooms cover plant			
# Planted: 18	Rating Sept.: 3.3	Comments: vigorous and uniform, dark green, covered in vibrant blooms			
% Survived:	Additional Comments: Excellent texture. Good size blooms, uneven plants in mid summer. Uniform, many flowers.				
Coreopsis rosea	Satin & Lace™ Red Tapestry	Dummen Orange	yellow with red center	H: 18 W: 18	2018
	Rating June: 3	Comments: vigorous, floriferous, lodged after planting out, started blooming in greenhouse			
	Rating July: 4	Comments: Cut back 6/28, vigorous, uniform, some blooms			
	Rating Aug.: 3.7	Comments: vigorous, compact, many blooms cover plant			
# Planted: 18	Rating Sept.: 3.3	Comments: vigorous and uniform, dark green, covered in vibrant blooms			
% Survived:	Additional Comments: Vibrant flower color. Excellent texture. Uniform, many flowers.				
Coreopsis x hybrida	Big Bang Sun Splash	Dummen Orange	yellow with red center	H: 22 W: 21	2018
	Rating June: 3	Comments: vigorous, uniform, medium green, many blooms, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, lush, uniform, many flowers			
	Rating Aug.: 4.4	Comments: vigorous, dark green, covered in blooms			
# Planted: 18	Rating Sept.: 3.8	Comments: vigorous and uniform, dense, lush, compact, covered in vibrant blooms			
% Survived:	Additional Comments: Great variety, lots of color. Uniform, tons of blooms.				
Coreopsis x hybrida	Little Bang™ Orange Elf	Dummen Orange	yellow with orange center	H: 15 W: 16.5	2018
	Rating June: 3	Comments: vigorous, tall stems lodged in garden, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, uniform, some blooms			
	Rating Aug.: 3.3	Comments: vigorous, compact, medium green, many blooms			
# Planted: 18	Rating Sept.: 1.8	Comments: vigorous and uniform, lush and dark green, compact, long flower stems			
% Survived:	Additional Comments: Unique color.				
Coreopsis x hybrida	Little Bang™ Red Enchanted Eve	Dummen Orange	creamy yellow with fuchsia center	H: 24 W: 24	2018
	Rating June: 3	Comments: vigorous, many blooms, lush, started blooming in greenhouse			
	Rating July: 4	Comments: cut back 6/28/18, vigorous, compact, some blooms			
	Rating Aug.: 3.4	Comments: Plants covered in blooms, vigorous, dark green			
# Planted: 18	Rating Sept.: 3.3	Comments: vigorous and uniform, lush and dark green, covered in blooms			
% Survived:	Additional Comments: Good flower color, many blooms.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Corydalis flexuosa	Hillier™ Porcelain Blue	Eason Hort Resources/Skagit	electric blue	H: 18 W: 18	2018
	Rating June: 4	Comments: vigorous, fine texture, interesting leaf shape, striking blue blooms cover plant			
	Rating July: 4	Comments: vigorous, uniform, good foliage color, striking electric blue blooms			
	Rating Aug.: 3.7	Comments: vigorous, uniform, compact, lush, many blooms			
	Rating Sept.: 4.3	Comments: vigorous and uniform, blue/green foliage, many blooms, gaining vigor in cool weather			
# Planted: 18					
% Survived:					
	Additional Comments:	Vibrant flower color. Plants healthy, not dormant and still flowering. Uniform.			
Delphinium	Red Lark	Darwin Perennials	coral	H: 10 W: 15	2018
	Rating June: 3	Comments: vigorous, big leaves, showy flowers, unique flower color			
	Rating July: 4	Comments: vigorous, very unique blooms color			
	Rating Aug.: 2.4	Comments: look ragged in late summer, little new growth, plants lodged			
	Rating Sept.: 0.7	Comments: lodged plants, old leaves look worn and ragged, no new growth, possible stem rot			
# Planted: 18					
% Survived:					
	Additional Comments:	Unique flower color. Falling over			
Delphinium elatum	Delphina™ Dark Blue Black Bee	Syngenta	dark violet	H: 18 W: 15	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 3	Comments: recently planted			
	Rating Aug.: 3.5	Comments: vigorous, uniform, started blooming in the greenhouse			
	Rating Sept.: 1.8	Comments: vigorous and uniform, big blooms, dark green foliage			
# Planted: 18					
% Survived:					
	Additional Comments:	Nice dark flower color. Series will get better with age.			
Delphinium elatum	Delphina™ Dark Blue White Bee	Syngenta	violet with white eye	H: 10 W: 6	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 3	Comments: recently planted			
	Rating Aug.: 1.9	Comments: nonuniform, various vigor, started blooming in greenhouse			
	Rating Sept.: 0.3	Comments: small plants, low vigor, some death			
# Planted: 18					
% Survived:					
	Additional Comments:	Series will get better with age.			
Delphinium elatum	Delphina™ Light Blue White Bee	Syngenta	sky blue with white eye	H: 6 W: 10	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 3	Comments: recently planted			
	Rating Aug.: 1.6	Comments: nonuniform, various vigor, started blooming in greenhouse			
	Rating Sept.: 0.3	Comments: variety not doing well, nonuniform, low vigor, some death			
# Planted: 18					
% Survived:					
	Additional Comments:	Series will get better with age.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Delphinium elatum	Delphina™ Rose White Bee	Syngenta	rose with white eye	H: 20 W: 12	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 3	Comments: recently planted			
	Rating Aug.: 1.9	Comments: vigorous, uniform, started blooming in the greenhouse			
# Planted: 18	Rating Sept.: 1.5	Comments: vigorous and uniform, big blooms, dark green foliage			
% Survived:	Additional Comments: Series will get better with age.				
Dianthus	Constant Beauty™ Pink	Green Fuse Botanicals	pink	H: 8 W: 10	2018
	Rating June: 3	Comments: small plants, silvery green, many blooms, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, compact, interesting foliage color, few blooms, silvery green			
	Rating Aug.: 3	Comments: compact, silvery green, medium vigor			
# Planted: 18	Rating Sept.: 3	Comments: vigorous and uniform, compact, lush, good green color, covered in blooms			
% Survived:	Additional Comments: Great flower power all summer.				
Dianthus	Constant Beauty™ Pink/ Red	Green Fuse Botanicals	pink with red center	H: 8 W: 8	2018
	Rating June: 3	Comments: small plants, compact, some blooms, started blooming in greenhouse			
	Rating July: 3	Comments: low vigor, small plants, some blooms, some yellowing			
	Rating Aug.: 2.6	Comments: nonuniform, patchy, low vigor,			
# Planted: 8	Rating Sept.: 1.5	Comments: sparse looking, silvery tips gaining vigor			
% Survived:	Additional Comments: Nice two toned flower. Bad uniformity and vigor, small plants, nice flowers in mid summer. Tiny plants but lots of blooms, low vigor in late summer.				
Dianthus	Constant Cadence® Milk Cherry	Green Fuse Botanicals	white to dark pink	H: 8 W: 7	2018
	Rating June: 4	Comments: small plants, silvery green, flowers unique, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, compact, interesting foliage color, few blooms, silvery green			
	Rating Aug.: 3	Comments: compact, silvery green, some necrosis			
# Planted: 18	Rating Sept.: 2.8	Comments: plants covered in blooms, foliage low vigor, some yellow			
% Survived:	Additional Comments: Nice foliage, great flower power all summer.				
Dianthus	Constant Cadence® Salmon	Green Fuse Botanicals	salmon	H: 6 W: 7	2018
	Rating June: 3	Comments: small plants, silvery green, low vigor, many blooms, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, compact, interesting foliage color, few blooms, silvery green			
	Rating Aug.: 2.5	Comments: compact, covered in blooms, some necrosis			
# Planted: 18	Rating Sept.: 1.5	Comments: blooming picking up in cool weather, foliage off color, low vigor			
% Survived:	Additional Comments: Nice blue foliage, attractive double flower. Unique color, lots of flowers, a little pale. Great flower power all summer.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Constant Promise® White	Green Fuse Botanicals	white	H: 5 W: 9	2018
	Rating June: 3	Comments: vigorous, uniform, some blooms			
	Rating July: 2	Comments: vigorous, dark green, uniform			
	Rating Aug.: 2.1	Comments: compact, uniform, vigorous, many blooms, dark green			
# Planted: 11	Rating Sept.: 2.3	Comments: plants yellowing, lost vigor, overall unhealthy appearance			
% Survived:	Additional Comments: Scraggly looking, blooms in foliage. Low vigor, flowers under foliage.				
Dianthus	Constant Promise™ Raspberry	Green Fuse Botanicals	dark pink	H: 8 W: 7	2018
	Rating June: 3	Comments: small plants, silvery green, low vigor, many blooms, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, compact, interesting foliage color, few blooms, silvery green			
	Rating Aug.: 2.8	Comments: compact, low vigor, necrosis, plants look ragged			
# Planted: 18	Rating Sept.: 2.8	Comments: gaining vigor in cool weather, many blooms, uniform			
% Survived:	Additional Comments: Nice raspberry color. Vibrant flower color. Great flower power all summer.				
Dianthus	Odessa Cerise Bling Bling	Dummen Orange	salmon	H: 12 W: 15	2018
	Rating June: 4	Comments: huge vigorous blooms, silvery green foliage, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, interesting foliage color, many blooms, uniform and compact			
	Rating Aug.: 3.8	Comments: huge blooms, gorgeous silvery green foliage, upright			
# Planted: 8	Rating Sept.: 2.5	Comments: vigorous and uniform, gaining vigor in cool weather, many big blooms			
% Survived:	Additional Comments: Nice blue foliage, nice double coral pink flower color. Nonuniform in mid summer. Nice grey foliage.				
Dianthus	Odessa Nicky	Dummen Orange	fuchsia	H: 10 W: 15	2018
	Rating June: 4	Comments: compact, vigorous, spreads quickly, some blooms			
	Rating July: 4	Comments: vigorous, interesting foliage color, many blooms, uniform and compact			
	Rating Aug.: 4	Comments: extremely vigorous, lush, many blooms, good colors, open centers			
# Planted: 8	Rating Sept.: 3	Comments: gaining vigor in cool weather, open centers, silvery green foliage, many big blooms			
% Survived:	Additional Comments: Vibrant color and floriferous. Great foliage.				
Dianthus	Sunflor Kaylee	Dummen Orange	burgundy and white	H: 6 W: 10	2018
	Rating June: 3	Comments: vigorous, compact, many blooms, started blooming in greenhouse			
	Rating July: 3	Comments: dark green, vigorous, many blooms			
	Rating Aug.: 2.5	Comments: tip burn, losing vigor in heat, necrosis, open sparse plants			
# Planted: 8	Rating Sept.: 2.3	Comments: sparse looking, silvery tips, gaining vigor			
% Survived:	Additional Comments: Great 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 2018 Size, Data and Comments for 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Dianthus	Sunflor Lilac Charmy	Dummen Orange	pink with red center	H: 6 W: 12	2018
	Rating June: 4	Comments: compact, medium green foliage, many blooms, started blooming in greenhouse			
	Rating July: 3	Comments: medium green foliage, some blooms, vigorous and uniform			
	Rating Aug.: 2.5	Comments: nonuniform, patchy, low vigor,			
# Planted: 8	Rating Sept.: 3	Comments: vigorous and gaining uniformity, gaining vigor in cool weather, many blooms			
% Survived:	Additional Comments: Nice flowers, nice two toned pattern.				
Dianthus	Sunflor Pink Faganza	Dummen Orange	light pink	H: 6 W: 11	2018
	Rating June: 3	Comments: compact, uniform, some blooms, started blooming in greenhouse			
	Rating July: 3	Comments: dark green, medium vigor, uniform and compact			
	Rating Aug.: 2.8	Comments: lush, dark green, vigorous, compact, uniform			
# Planted: 8	Rating Sept.: 3	Comments: vigorous and uniform, gaining vigor in cool weather, compact and lush			
% Survived:	Additional Comments: Nice habit, uniform, nice flowers. Low vigor, okay flowering.				
Dianthus	Sunflor YFKE	Dummen Orange	pink	H: 8 W: 15	2018
	Rating June: 3	Comments: silvery green compact and uniform, some blooms, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, interesting foliage color, many blooms, uniform and compact			
	Rating Aug.: 3.2	Comments: vigorous, lush, compact, many blooms			
# Planted: 8	Rating Sept.: 3.3	Comments: exceptionally vigorous, compact, silvery green foliage, blooming picking up			
% Survived:	Additional Comments: Nice blue foliage.				
Echinacea	Moodz Courage	Hilverdakooij	pink	H: 22 W: 16.5	2018
	Rating June: 3	Comments: small plants, very uniform, few flowers, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, medium green, good flower color, compact			
	Rating Aug.: 4.3	Comments: vigorous, upright, dark green, many big blooms			
# Planted: 18	Rating Sept.: 3.5	Comments: exceptionally vigorous and uniform, dark green foliage, forms a carpet of big vibrant blooms			
% Survived:	Additional Comments: Excellent uniform habit, nice dark purple stems. Plants still small. Uniform, dark green, many consistent blooms in late season.				
Echinacea	Moodz Dream	Hilverdakooij	yellow	H: 26 W: 16.5	2018
	Rating June: 2	Comments: small plants, very uniform, unique flower color, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, medium green, good flower color, compact			
	Rating Aug.: 3.6	Comments: vigorous, uniform, dark green, some big blooms			
# Planted: 18	Rating Sept.: 4.5	Comments: vigorous and uniform, covered in blooms, dark green, tall			
% Survived:	Additional Comments: Unique color. Good plants, uniform, blooms uneven, more upright in mid summer. Uniform, dark green, some flowers, varied height in late summer.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea	Prairie Splendor™ Compact Rose	Syngenta	pink to rose	H: 24 W: 16.5	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: recently planted			
	Rating Aug.: 1.9	Comments: young plants, vigorous, medium green, some blooms			
	Rating Sept.: 3.8	Comments: vigorous, losing uniformity, some big blooms			
# Planted: 18					
% Survived:					
	Additional Comments:				
Echinacea	Prairie Splendor™ Compact White	Syngenta	white	H: 24 W: 16.5	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: recently planted			
	Rating Aug.: 1.9	Comments: young plants, vigorous, medium green, some blooms			
	Rating Sept.: 3.3	Comments: vigorous and uniform, some big blooms, lush and tall			
# Planted: 18					
% Survived:					
	Additional Comments:				
Echinacea	Sombrero® Tres Amigos	Darwin Perennials	red to fuchsia	H: 28 W: 21	2018
	Rating June: 3	Comments: vigorous, uniform, many unique colored blooms			
	Rating July: 4	Comments: vigorous, dark green foliage, striking bloom color, numerous blooms			
	Rating Aug.: 3.6	Comments: vigorous, uniform, many blooms, dark green			
	Rating Sept.: 3.5	Comments: vigorous and uniform, tall, many big blooms			
# Planted: 18					
% Survived:					
	Additional Comments: Good color variation, flowering okay for first year. Nice, consistent, inconsistent blooms in late summer.				
Echinacea	KISMET ® Red	Terra Nova Nurseries	scarlet	H: 24 W: 18	2018
	Rating June: 3	Comments: vigorous, compact, uniform, floriferous, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, dark green foliage, striking bloom color, numerous blooms			
	Rating Aug.: 2.7	Comments: vigorous, uniform, compact, blooms lose vibrancy			
	Rating Sept.: 3.8	Comments: vigorous and uniform, many vibrant blooms, compact, dark green foliage			
# Planted: 12					
% Survived:					
	Additional Comments: Nice brick red. Good flowers for first year. Low vigor, yellowing in late summer.				
Echinacea	KISMET ® Yellow	Terra Nova Nurseries	yellow	H: 24 W: 18	2018
	Rating June: 3	Comments: uniform, vigorous, compact, floriferous, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, dark green foliage, striking bloom color, numerous blooms			
	Rating Aug.: 3.2	Comments: vigorous, uniform, compact, many blooms			
	Rating Sept.: 3	Comments: vigorous, many vibrant blooms, dark green foliage			
# Planted: 12					
% Survived:					
	Additional Comments: Nice golden yellow. Good flowers for first year.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Echinacea purpurea	Mellow Yellows	Jelitto Perennial Seed	various yellow shades	H: 24 W: 16.5	2018
	Rating June: 1	Comments: small plants, uniform, dark green foliage			
	Rating July: 2	Comments: vigorous and uniform, compact, small plants			
	Rating Aug.: 2.1	Comments: very vigorous, uniform, few big unique blooms			
	Rating Sept.: 3.8	Comments: vigorous and uniform, tall, many big blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Too small in mid summer. Dark green, nonuniform, few buds in late summer.			
Epimedium x rubrum	Galadriel	Eason Hort Resources/Creek Hill	pink	H: 9 W: 12	2018
	Rating June: 1	Comments: small plants, uniform, medium vigor			
	Rating July: 2	Comments: small plants, vigorous			
	Rating Aug.: 1	Comments: vigorous, uniform, good foliage color			
	Rating Sept.: 0.7	Comments: vigorous and uniform, small young plants			
# Planted: 18					
% Survived:					
	Additional Comments:				
Eryngium	B100B504	Must Have Perennials		H: 6 W: 15	2018
	Rating June: 1	Comments: small plants, thick dark green foliage			
	Rating July: 2	Comments: small plants, vigorous, uniform			
	Rating Aug.: 1.2	Comments: old leaves are a little brown, various vigor			
	Rating Sept.: 1.7	Comments: plants gaining vigor in cool weather, rosettes getting bigger, good foliage texture			
# Planted: 18					
% Survived:					
	Additional Comments:				
Gaillardia aristata	Barbican™ Red	Syngenta	red	H: 12 W: 16.5	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: recently planted			
	Rating Aug.: 3.3	Comments: small, compact, dense, some blooms			
	Rating Sept.: 3	Comments: vigorous and uniform, compact, small plants			
# Planted: 18					
% Survived:					
	Additional Comments:				
Gaillardia aristata	Barbican™ Yellow Red Ring	Syngenta	red with yellow edge	H: 12 W: 16.5	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: recently planted			
	Rating Aug.: 3.4	Comments: small, compact, dense, some blooms			
	Rating Sept.: 3.5	Comments: vigorous and uniform, compact, small plants			
# Planted: 18					
% Survived:					
	Additional Comments:				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Gaillardia aristata	Spintop Red Starburst	Dummen Orange	red with yellow edge	H: 15 W: 15	2018
	Rating June: 3	Comments: vigorous, uniform, many blooms, started blooming in greenhouse			
	Rating July: 4	Comments: silvery green, compact, vigorous, many blooms			
	Rating Aug.: 3.9	Comments: vigorous, uniform, covered in blooms			
	Rating Sept.: 3.3	Comments: vigorous and uniform, compact, many blooms			
# Planted: 13					
% Survived:					
	Additional Comments:	Tremendous flower power in mid summer.			
Gaura	Bantam® Pink	Green Fuse Botanicals	pink	H: 18 W: 15	2018
	Rating June: 3	Comments: beetle eaten foliage, compact, many blooms, started blooming in greenhouse			
	Rating July: 2	Comments: recovered from flea beetles, vigorous, interesting red tinge to foliage			
	Rating Aug.: 2.8	Comments: compact, red tinge, vigorous			
	Rating Sept.: 2.5	Comments: vigorous and uniform, compact, taken over by dendranthema, covered in blooms			
# Planted: 12					
% Survived:					
	Additional Comments:	Compact form in mid summer. Very uniform good bud count in late summer.			
Gaura lindheimeri	Cool Breeze	Jelitto Perennial Seed	white	H: 36 W: 27	2018
	Rating June: 1	Comments: small plants, vigorous, uniform			
	Rating July: 3	Comments: vigorous, uniform, striking white blooms, compact			
	Rating Aug.: 1.6	Comments: vigorous, uniform, medium green			
	Rating Sept.: 2.8	Comments: vigorous and uniform, lush, medium green, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Just foliage, few blooms.			
Geranium	B150B536	Must Have Perennials	lavender to pink	H: 20 W: 19.5	2018
	Rating June: 1	Comments: small plants, uniform, dark green foliage			
	Rating July: 2	Comments: vigorous and uniform, compact, small plants			
	Rating Aug.: 1.3	Comments: compact, uniform, vigorous, dark green			
	Rating Sept.: 4	Comments: vigorous and uniform, compact, dark green, many blooms			
# Planted: 10					
% Survived:					
	Additional Comments:	Too small in mid summer. Dark green, uniform in late summer.			
Geranium	B150B537	Must Have Perennials	dark pink	H: 18 W: 18	2018
	Rating June: 1	Comments: small, medium green, uniform			
	Rating July: 3	Comments: vigorous, uniform, striking flower color,			
	Rating Aug.: 1.8	Comments: compact, uniform, vigorous, some blooms			
	Rating Sept.: 2	Comments: vigorous and uniform, medium green, compact, some blooms			
# Planted: 6					
% Survived:					
	Additional Comments:				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Helenium autumnale	Salud™ Embers	Darwin Perennials	yellow with red center	H: 18 W: 13.5	2018
	Rating June: 3	Comments: compact and vigorous, uniform, some flowers, started blooming in greenhouse			
	Rating July: 3	Comments: dark green, uniform, many small blooms, compact			
	Rating Aug.: 2.8	Comments: vigorous and uniform, dark green, covered in blooms			
	Rating Sept.: 3.3	Comments: vigorous and uniform, medium green, many blooms, some lodging			
# Planted: 18					
% Survived:					
	Additional Comments:	The rusty red & yellow flower color catches the eye. Non-uniform habit. Uneven, small, little taller in late summer.			
Helenium autumnale	Salud™ Golden	Darwin Perennials	yellow with orange center	H: 18 W: 13.5	2018
	Rating June: 3	Comments: compact and vigorous, uniform, some flowers, started blooming in greenhouse			
	Rating July: 3	Comments: dark green, vigorous, many blooms, compact			
	Rating Aug.: 2.8	Comments: not quite uniform, covered in blooms, dark green, varying heights			
	Rating Sept.: 2.8	Comments: stems lodging, some blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Unique flower, non-uniform habit in mid summer. Good flower display, nonuniform, many blooms in late summer.			
Helenium autumnale	Salud™ Yellow	Darwin Perennials	yellow	H: 15 W: 13.5	2018
	Rating June: 3	Comments: compact and vigorous, uniform, some flowers, started blooming in greenhouse			
	Rating July: 3	Comments: dark green, uniform, many small blooms, compact			
	Rating Aug.: 2.6	Comments: vigorous, uniform, dark green, covered in blooms			
	Rating Sept.: 3	Comments: vigorous and uniform, medium green, many blooms, some lodging			
# Planted: 18					
% Survived:					
	Additional Comments:	Nonuniform habit in midsummer. Uneven habit, small flowers uneven.			
Heliopsis helianthoides var.	Bleeding Hearts	Jelitto Perennial Seed	orange with red eye	H: 30 W: 27	2018
	Rating June: 2	Comments: small plants, deep purple leaf			
	Rating July: 2	Comments: vigorous and uniform, compact, small plants, some replaced from rabbit damage			
	Rating Aug.: 1.2	Comments: vigorous, uniform, dark purple foliage			
	Rating Sept.: 3.3	Comments: vigorous and uniform, gorgeous dark purple foliage, compact, vibrant blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Interesting foliage color in early summer. Nice interesting foliage, may need two years to bloom in late summer.			
Heuchera	DOLCE® Spearmint (Proven Winners)	Walters Gardens Inc.	red	H: 10 W: 16.5	2018
	Rating June: 2	Comments: unique color foliage, waxy and vigorous, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, waxy, interesting foliage			
	Rating Aug.: 2	Comments: vigorous, uniform, compact, lush			
	Rating Sept.: 2	Comments: vigorous and uniform, compact, good foliage color			
# Planted: 3					
% Survived:					
	Additional Comments:	Nice silvery green leaves with dark green veins. Vigorous, uniform. Nice silver sheen.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Heuchera	FOREVER™ 'Red'	Terra Nova Nurseries	creamy yellow	H: 20 W: 16.5	2018
	Rating June: 4	Comments: vigorous, unique foliage, vigorous, striking flower color			
	Rating July: 4	Comments: vigorous, uniform, some pale pink blossoms			
	Rating Aug.: 3.5	Comments: vigorous, uniform, compact, lush, some blooms			
	Rating Sept.: 3	Comments: vigorous and uniform, compact, good foliage color			
# Planted: 12					
% Survived:					
	Additional Comments:	Unique color, vigorous. Nice glossy foliage, good bronze red color, robust plant.			
Heuchera	Lemon Love	Walters Gardens Inc.	lime green	H: 12 W: 18	2018
	Rating June: 3	Comments: vigorous, lime green foliage, uniform, started blooming in greenhouse			
	Rating July: 3	Comments: uniform, unique foliage, bushy			
	Rating Aug.: 2	Comments: vigorous, uniform, compact lush			
	Rating Sept.: 2.3	Comments: vigorous and uniform, compact, good foliage color			
# Planted: 3					
% Survived:					
	Additional Comments:	Bright lime foliage, and flowers to boot. Good vigor, uniform.			
Heuchera	NORTHERN EXPOSURE™ Black	Terra Nova Nurseries	creamy white	H: 30 W: 19	2018
	Rating June: 3	Comments: vigorous, dark foliage, contrasting blooms, uniform, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, bushy, interesting foliage color, many vibrant blooms			
	Rating Aug.: 3.7	Comments: vigorous, uniform, good foliage color, compact, many blooms			
	Rating Sept.: 3.8	Comments: vigorous and uniform, compact, fantastic foliage color, some blooms			
# Planted: 12					
% Survived:					
	Additional Comments:	Nice big glossy leaves, vigorous, nice dark green/purple color. Uniform, okay blooms.			
Heucherella	Onyx	Terra Nova Nurseries	creamy white	H: 6 W: 11	2018
	Rating June: 1	Comments: nonuniform, dark purple foliage, various vigor			
	Rating July: 2	Comments: nonuniform, small plants, interesting foliage color			
	Rating Aug.: 1	Comments: losing vigor, nonuniform, some dead plants			
	Rating Sept.: 1.3	Comments: nonuniform, no new growth, low vigor, some dead plants			
# Planted: 12					
% Survived:					
	Additional Comments:	Glossy leaf, half are dead.			
Hosta	SHADOWLAND™ Diamond Lake (Proven Winners)	Walters Gardens Inc.	pale lavender	H: 18 W: 19	2018
	Rating June: 2	Comments: vigorous, blue/green foliage, started blooming in greenhouse			
	Rating July: 2	Comments: vigorous, large leaves, some blooms			
	Rating Aug.: 1.9	Comments: vigorous, uniform, new growth has good color, some blooms			
	Rating Sept.: 1	Comments: vigorous and uniform, compact, good foliage color			
# Planted: 3					
% Survived:					
	Additional Comments:	Nice waxy blue leaf, good leaf texture. Big bold, mostly green.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Lavandula angustifolia	Aromatico™ Blue Imp.	Syngenta	lavender	H: 12 W: 12	2018
	Rating June:	Comments:	not planted yet		
	Rating July:	Comments:	recently planted		
	Rating Aug.: 2.7	Comments:	vigorous, uniform, started blooming in the greenhouse, aromatic		
# Planted: 18	Rating Sept.: 3.5	Comments:	vigorous and uniform, medium green, many blooms		
% Survived:	Additional Comments: Low vigor, not many blooms in late summer.				
Leucanthemum	1704-127	Must Have Perennials	creamy yellow to white	H: 15 W: 15	2018
	Rating June: 1	Comments:	small plants, uniform, dark green foliage		
	Rating July: 2	Comments:	vigorous and uniform, compact, small plants		
	Rating Aug.: 2.1	Comments:	vigorous, compact, some small blooms		
# Planted: 12	Rating Sept.: 3	Comments:	vigorous and uniform, compact, many blooms		
% Survived:	Additional Comments: Too small in mid summer. Uniform plants, low vigor, budding in late summer.				
Leucanthemum	Adorable	Terra Nova Nurseries	white	H: 20 W: 24	2018
	Rating June: 3	Comments:	thick dark green foliage, outstanding number of petals, started blooming in greenhouse		
	Rating July: 3	Comments:	thick medium green leaf, unique flower, vigorous and uniform		
	Rating Aug.: 2.3	Comments:	wilts and discolors in heat, unhealthy, faded green, wilted		
# Planted: 12	Rating Sept.: 3	Comments:	gaining vigor in cool weather, reblooms vigorously, medium green		
% Survived:	Additional Comments: Adorable! Interesting flower type slight yellow color in early summer. Looks sun scalded, big flowers nice frilly look in mid summer. Foliage light green, gnarly looking with big, uniform leaf in late summer.				
Leucanthemum	Coconut	Terra Nova Nurseries	white	H: 18 W: 18	2018
	Rating June: 3	Comments:	thick dark green foliage, outstanding number of petals, vigorous		
	Rating July: 4	Comments:	thick, medium green, vigorous, flowers turn color as they mature, unique number of petals		
	Rating Aug.: 3.3	Comments:	some wilting in heat, big showy blooms		
# Planted: 12	Rating Sept.: 2.8	Comments:	gaining vigor in cool weather, reblooms vigorously, medium green		
% Survived:	Additional Comments: Okay for the first year. The flower petals are unique in its ridged and edgy, floriferous in mid-summer. Nice full flowers, that don't age well, good dark foliage in late summer.				
Leucanthemum	Lancaster® Betsy™	Green Fuse Botanicals	white	H: 18 W: 16.5	2018
	Rating June: 3	Comments:	thick dark green foliage, many large blooms, started blooming in greenhouse		
	Rating July: 3	Comments:	not looking healthy in heat, dark green, some blooms		
	Rating Aug.: 2	Comments:	nonuniform, various vigor, various plants in bloom, curls in heat		
# Planted: 14	Rating Sept.: 3.3	Comments:	nonuniform, vigorous, many blooms, gaining vigor in cool weather		
% Survived:	Additional Comments: Nonuniform habit with large blooms. Some flowers in mid summer.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Leucanthemum	Lancaster® Darling Daisy® Supreme	Green Fuse Botanicals	white	H: 18 W: 15	2018
	Rating June: 3	Comments: compact, uniform, low vigor, some blooms, started blooming in greenhouse			
	Rating July: 3	Comments: Deadheaded 7/3/18, dark green foliage, uniform, vigorous			
	Rating Aug.: 3.5	Comments: vigorous, uniform, medium green, covered in blooms			
	Rating Sept.: 2.3	Comments: vigorous and uniform, compact, many blooms			
# Planted: 11					
% Survived:					
	Additional Comments:	Starting strong, uniform, lots of blooms.			
Leucanthemum maximum	Birdy	Dummen Orange	white	H: 26 W: 18	2018
	Rating June: 3	Comments: thick dark green foliage, many large flowers, started blooming in the greenhouse			
	Rating July: 4	Comments: uniform, thick dark green foliage			
	Rating Aug.: 3.8	Comments: vigorous, dark green, covered in blooms			
	Rating Sept.: 3.5	Comments: extremely vigorous, dark green, covered in blooms, uniform			
# Planted: 18					
% Survived:					
	Additional Comments:	Not bad growth for the first year, nice and compact. Plants look good, but not much flowering in mid summer. Dark green foliage, blooms good quality and good height in late season.			
Leucanthemum maximum	Sweet Daisy Sofie	Dummen Orange	white	H: 14 W: 16.5	2018
	Rating June: 4	Comments: compact, uniform, medium green foliage, started blooming in greenhouse			
	Rating July: 3	Comments: exceptionally dark green, unique petal shape			
	Rating Aug.: 1.4	Comments: medium vigor, overshadowed by Gaura, few blooms, compact, uniform			
	Rating Sept.: 3	Comments: medium vigor, uniform, compact, some blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Love the spoon petals. Needs more time, cool flower type.			
Leucanthemum maximum	Western Star™ Leo	Syngenta	white	H: 10 W: 10	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: recently planted			
	Rating Aug.: 1.9	Comments: compact, dark green, vigorous, uniform, covered in big blooms			
	Rating Sept.: 1.5	Comments: vigorous and uniform, compact, small plants covered in blooms			
# Planted: 18					
% Survived:					
	Additional Comments:				
Leucanthemum maximum	Western Star™ Taurus	Syngenta	white	H: 15 W: 15	2018
	Rating June: 0	Comments: not planted yet			
	Rating July: 0	Comments: recently planted			
	Rating Aug.: 2.8	Comments: compact, dark green, vigorous, uniform, covered in big blooms			
	Rating Sept.: 3	Comments: vigorous and uniform, medium green, gaining vigor in cool weather, some blooms			
# Planted: 18					
% Survived:					
	Additional Comments:				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Lupinus polyphyllus	Westcountry Persian Slipper	Eason Hort Resources/Gulley	purple	H: W:	2018
	Rating June: 1	Comments: aphids, small plants, low vigor, bloomed in greenhouse, some chlorosis			
	Rating July: 1	Comments: Marathon insecticide applied, recovering from aphids, chlorotic, low vigor, unhealthy			
	Rating Aug.: 0	Comments: dead			
# Planted: 18	Rating Sept.: 0	Comments:			
% Survived:	Additional Comments: Dead and diseased.				
Lychnis	Petit Henri	Must Have Perennials	white	H: 28 W: 21	2018
	Rating June: 1	Comments: small plants, long spindly foliage			
	Rating July: 3	Comments: small plants, vigorous, uniform, filling in			
	Rating Aug.: 3.7	Comments: plants covered in wispy white blooms, vigorous, uniform, compact plants			
# Planted: 18	Rating Sept.: 3.8	Comments: compact plants, vigorous and uniform, many big blooms on long stems			
% Survived:	Additional Comments: Unique flowers, great texture. Uniform, lots of blooms, very airy.				
Monarda	Marje® Purple	Green Fuse Botanicals	violet	H: 22 W: 21	2018
	Rating June: 2	Comments: vigorous, dark green foliage, uniform			
	Rating July: 3	Comments: vigorous, compact, uniform			
	Rating Aug.: 2.2	Comments: compact, lush, dark green, vigorous			
# Planted: 18	Rating Sept.: 2.5	Comments: vigorous and uniform, compact, no mildew, few blooms			
% Survived:	Additional Comments: Excellent healthy green color, very uniform but still small in mid summer. Uniform, dark green, budded in late summer.				
Penstemon	DAKOTA™ Burgundy'	Terra Nova Nurseries	lavender	H: 24 W: 20	2018
	Rating June: 3	Comments: thick dark purple foliage and many pink blooms			
	Rating July: 4	Comments: vigorous leathery purple foliage, many trumpet shaped blooms, vigorous and compact			
	Rating Aug.: 3.8	Comments: vigorous, uniform, compact, good foliage color, many blooms			
# Planted: 12	Rating Sept.: 3	Comments: vigorous and uniform, purple and compact, blooms on long stems			
% Survived:	Additional Comments: The color of the foliage and flower makes the plant stand out. Unique foliage, great color, blooming okay for 1st year. Nonuniform blooming, lush in late season.				
Penstemon	DAKOTA™ Verde	Terra Nova Nurseries	lavender	H: 24 W: 20	2018
	Rating June: 3	Comments: thick dark green foliage with purple hues, few purple blooms			
	Rating July: 4	Comments: thick leathery foliage, many trumpet shaped blooms, lush, compact			
	Rating Aug.: 2.9	Comments: dark green, uniform, vigorous and compact			
# Planted: 12	Rating Sept.: 3.3	Comments: vigorous and uniform, dark green and compact, blooms on long stems			
% Survived:	Additional Comments: Nice foliage and good vigor in early summer. Clean foliage and okay flowering in mid summer. Uniform and lush, few blooms in late summer.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Phlox paniculata	Early® Pink Candy	Dummen Orange	white and pink with dark eye	H: 7 W: 8	2018
	Rating June: 2	Comments: Small plants, low vigor, some blooms, started blooming in greenhouse			
	Rating July: 2	Comments: vigorous, uniform, some blooms, compact			
	Rating Aug.: 1.8	Comments: medium vigor, blooming slowing			
	Rating Sept.: 1.5	Comments: uniform, small plants, gaining vigor in cool weather			
# Planted: 18					
% Survived:					
	Additional Comments:	Unique flower color, small plants. Low vigor, okay flowering in late summer.			
Phlox paniculata	Early® Purple Pink Eye	Dummen Orange	purple with dark eye	H: 15 W: 13.5	2018
	Rating June: 3	Comments: vigorous, medium green, many blooms			
	Rating July: 2	Comments: exceptionally lush, some blooms, vigorous and uniform			
	Rating Aug.: 1.9	Comments: medium vigor, blooming slowing			
	Rating Sept.: 1.3	Comments: vigorous and uniform, dark green, no mildew, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Small but blooming, nice color in mid summer. Low vigor, lots of blooms in late summer.			
Phlox paniculata	Ka-Pow® Lavender	Darwin Perennials	lavender	H: 15 W: 13.5	2018
	Rating June: 3	Comments: nonuniform, many blooms, low vigor, started blooming in greenhouse			
	Rating July: 2	Comments: vigorous, some blooms, dark green leaves, deadheaded 7/3/18			
	Rating Aug.: 2.8	Comments: vigorous, uniform, small plants			
	Rating Sept.: 2	Comments: vigorous and uniform, dark green, no mildew, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Spotting on the foliage in early summer. Looks sun scalded in mid summer. Uniform bloomer, yellowing in late summer.			
Phlox paniculata	Ka-Pow® Pink	Darwin Perennials	hot pink	H: 15 W: 13.5	2018
	Rating June: 3	Comments: small plants, low vigor, floriferous, started blooming in greenhouse			
	Rating July: 2	Comments: small plants, deadheaded 7/2/18, vigorous and uniform			
	Rating Aug.: 2.6	Comments: vigorous, uniform, blooming slowing			
	Rating Sept.: 2.5	Comments: vigorous and uniform, dark green, no mildew, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Not vigorous, small but blooming.			
Phlox paniculata	Ka-Pow® Purple	Darwin Perennials	fuchsia	H: 15 W: 13.5	2018
	Rating June: 3	Comments: medium green foliage, floriferous, started blooming in greenhouse			
	Rating July: 3	Comments: vigorous, some blooms, dark green leaves, deadheaded 7/3/18, uniform			
	Rating Aug.: 2.6	Comments: vigorous, uniform, blooming slowing			
	Rating Sept.: 2.8	Comments: vigorous and uniform, dark green, no mildew, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Vigorous, not uniform.			

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27		Year Planted
Phlox paniculata	Ka-Pow® White Bicolor	Darwin Perennials	white with pink eye	H: 10	W: 12	2018
	Rating June: 3	Comments: nonuniform, many unique blooms, started blooming in greenhouse				
	Rating July: 2	Comments: nonuniform, low vigor, some blooms				
	Rating Aug.: 1.8	Comments: medium vigor, blooming slowing				
	Rating Sept.: 2	Comments: vigorous and uniform, dark green, no mildew, many blooms				
# Planted: 18						
% Survived:						
	Additional Comments:	Low vigor, okay flowering in late summer.				
Platycodon grandiflorus	Twinkle™ Blue	Syngenta	violet	H: 6	W: 9	2018
	Rating June: 0	Comments: not planted yet				
	Rating July: 3	Comments: recently planted				
	Rating Aug.: 2.6	Comments: compact, uniform, started blooming in greenhouse				
	Rating Sept.: 2.3	Comments: vigorous and uniform, compact, many big blooms				
# Planted: 18						
% Survived:						
	Additional Comments:	Newly planted in mid summer.				
Salvia	905	Hilverdakooij	purple	H: 42	W: 27	2018
	Rating June: 3	Comments: vigorous medium green foliage, unique flower color and shape				
	Rating July: 4	Comments: very vigorous, dark green, striking flower color				
	Rating Aug.: 4.3	Comments: tall, vibrant, vigorous, dark green				
	Rating Sept.: 4	Comments: vigorous and uniform, tall, lush, many big blooms				
# Planted: 18						
% Survived:						
	Additional Comments:	Nice looking plants in early summer. Excellent, clean foliage in mid summer. Good vigor, uniform, few flowers in late summer.				
Salvia	914	Hilverdakooij	purple	H: 36	W: 27	2018
	Rating June: 2	Comments: vigorous, compact, lush				
	Rating July: 4	Comments: vigorous, compact, dark green,				
	Rating Aug.: 4.1	Comments: Vigorous, dark green, big blooms, uniform				
	Rating Sept.: 2	Comments: vigorous and uniform, dark green, some blooms, tall plants				
# Planted: 4						
% Survived:						
	Additional Comments:	Beautiful foliage.				
Salvia	917	Hilverdakooij	purple	H: 42	W: 27	2018
	Rating June: 2	Comments: vigorous medium green foliage				
	Rating July: 4	Comments: very vigorous, dark green, striking flower color				
	Rating Aug.: 4.2	Comments: tall, vibrant, vigorous, dark green				
	Rating Sept.: 4	Comments: vigorous and uniform, tall, lush, many big blooms				
# Planted: 18						
% Survived:						
	Additional Comments:	Nice looking plants in early summer. The blueish/ purple flower catches the eye, clean foliage in mid summer. Good vigor, good color, okay quantity of blooms in late summer.				

*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 2018

Genus	Common Name	Company	Color	Height and Width on 09/27	Year Planted
Salvia	Swiftly® Violet Blue	Green Fuse Botanicals	purple	H: 10 W: 12	2018
	Rating June: 2	Comments: deadheaded 6/14, sickly looking plants, few blooms, started blooming in greenhouse			
	Rating July: 3	Comments: gaining vigor, dark green, compact, uniform			
	Rating Aug.: 3.4	Comments: very compact, dense, lush, many blooms			
	Rating Sept.: 1.8	Comments: discoloration, some necrosis, compact, unhealthy			
# Planted: 18					
% Survived:					
	Additional Comments:	Vibrant blossom color, too small in early summer. Compact, uniform, blooms are a good color but small in late summer.			
Salvia nemorosa	Blue by You	Darwin Perennials	purple	H: 30 W: 21	2018
	Rating June: 3	Comments: vigorous, medium green, some blooms, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, uniform, some blooms, lush			
	Rating Aug.: 3.7	Comments: vigorous, uniform, dark green, covered in blooms			
	Rating Sept.: 3.3	Comments: vigorous and uniform, dark green, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Large leaves, good dark foliage, lots of blooms. No powdery mildew, bees love it.			
Salvia nemorosa	Sky Blue Marvel	Darwin Perennials	violet	H: 24 W: 21	2018
	Rating June: 2	Comments: low vigor, small plants, some blooms, started blooming in greenhouse			
	Rating July: 4	Comments: vigorous, dark green, uniform, compact, exceptionally large blooms			
	Rating Aug.: 3.8	Comments: vigorous, uniform, dense, compact, lush, many blooms, large blooms			
	Rating Sept.: 1.3	Comments: vigorous and uniform, many blooms, medium green			
# Planted: 18					
% Survived:					
	Additional Comments:	Good color variation, nice compact habit. Good plants, good color, sparse blooming in late summer.			
Veronica longifolia	Forever Blue	Darwin Perennials	purple	H: 24 W: 21	2018
	Rating June: 3	Comments: vigorous, medium green, uniform, many blooms			
	Rating July: 3	Comments: vigorous, uniform, compact, numerous blooms			
	Rating Aug.: 3.6	Comments: lush, compact green, some blooms, filled in			
	Rating Sept.: 3.5	Comments: vigorous and uniform, lush, dark green, many blooms			
# Planted: 18					
% Survived:					
	Additional Comments:	Good foliage, uniform, lots of color for first year, good quantity of blooms.			
Viola	Halo Golden Yellow	Darwin Perennials	golden yellow	H: 8 W: 16.5	2018
	Rating June: 5	Comments: green foliage, vigorous, covered in blooms, started blooming in greenhouse			
	Rating July: 4	Comments: dark green, vigorous, uniform, compact, covered in blooms			
	Rating Aug.: 3.5	Comments: vigorous, uniform, covered in blooms			
	Rating Sept.: 4	Comments: gaining vigor in cool weather, vigorous and uniform, covered in vibrant blooms			
# Planted: 13					
% Survived:					
	Additional Comments:	Chlorotic but floriferous, good groundcover, lots of color, good size blooms in August.			

*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		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Achnatherum calamagrostis	UNDAUNTED® Alpine Plume Grass	P		3	3	2	2	3	3	3	3	2.7
		F		1	0	1	2	2	2	2	3	1.6
Agastache	Sunrise™ Blue	P	3	3	3	3	4	3	4	4	4	3.4
		F	2	3	3	3	3	3	4	4	4	3.1
Agastache	Sunrise™ Orange	P	3	3	3	3	4	3	4	3	4	3.3
		F	4	3	3	3	3	3	4	3	4	3.3
Allium	Summer Beauty	P	2	2	3	3	3	3	3	3	4	2.9
		F	0	0	0	0	0	0	0	0	0	0
Allium	Summer Peek-a-Boo®	P	3	3	3	3	3	3	3	3	4	3.1
		F	2	1	0	0	0	0	0	0	0	0.3
Allium schoenoprasum	Forescate	P	2	2	3	3	3	3	3	3	4	2.9
		F	0	0	0	0	0	0	0	0	0	0
Astilbe x	Chocolate Shogun	P	4	2	3	2	2	2	2	1	1	2.1
		F	1	2	2	1	0	0	0	0	0	0.8
Clematis hexapetala	Mongolian Snowflakes	P	1	2	2	2	2	2	2	2	2	1.9
		F	0	0	0	0	1	0	0	0	0	0.1
Coreopsis	Double the Sun	P		2	1	3	3	4	3	3	2	2.6
		F		0	1	3	3	3	3	3	3	2.3
Coreopsis	Early Sunrise	P		2	1	3	3	4	3	3	2	2.6
		F		0	0	2	2	3	3	3	3	1.9
Coreopsis	Golden Stardust	P	3	2	3	3	3	3	2	3	3	2.9
		F	3	3	3	4	3	2	3	3	3	3
Coreopsis	Super Star	P	3	2	3	4	4	3	3	3	3	3.1
		F	3	3	2	4	3	3	3	3	3	3
Coreopsis grandiflora	Corey™ Compact Gold	P					3	3	2	3	3	3
		F					3	3	3	3	3	3
Coreopsis grandiflora	Moonswirl	P	4	4	4	4	5	4	3	2	2	3.6
		F	1	4	3	4	4	4	4	3	4	3.4
Coreopsis rosea	Satin & Lace™ Berry Chiffon	P	2	3	3	3	3	4	3	4	3	3.1
		F	2	3	3	3	3	4	4	4	3	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		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Coreopsis rosea	Satin & Lace™ Red Chiffon	P	2	3	3	3	3	4	3	4	3	3.1
		F	3	3	1	3	3	4	4	4	3	3
Coreopsis rosea	Satin & Lace™ Red Tapestry	P	2	3	3	3	3	4	3	4	3	3.1
		F	3	3	2	3	3	4	4	4	3	3.1
Coreopsis x hybrida	Big Bang Sun Splash	P	2	3	3	4	4	4	4	4	4	3.5
		F	3	3	3	4	4	4	4	4	3	3.5
Coreopsis x hybrida	Little Bang™ Orange Elf	P	3	2	3	3	3	3	3	3	3	2.9
		F	4	3	2	2	3	3	3	3	3	2.9
Coreopsis x hybrida	Little Bang™ Red Enchanted Eve	P	3	3	3	3	3	4	3	4	3	3.3
		F	4	3	2	3	4	4	4	4	3	3.4
Corydalis flexuosa	Hillier™ Porcelain Blue	P		4	4	4	3	3	3	4	4	3.7
		F		4	4	3	3	2	3	4	4	3.4
Delphinium	Red Lark	P		3	2	3	2	2	1	2	2	2.3
		F		3	3	4	3	1	0	0	0	2
Delphinium elatum	Delphina™ Dark Blue Black Bee	P					2	3	3	3	3	2.8
		F					1	3	3	2	1	1.8
Delphinium elatum	Delphina™ Dark Blue White Bee	P					1	2	2	2	1	1.5
		F					1	2	0	0	0	0.8
Delphinium elatum	Delphina™ Light Blue White Bee	P					1	1	1	1	1	1
		F					1	1	0	0	0	0.5
Delphinium elatum	Delphina™ Rose White Bee	P					2	3	3	3	3	2.8
		F					0	2	3	2	1	1.3
Dianthus	Constant Beauty™ Pink	P	3	3	3	3	3	3	3	4	3	3.1
		F	4	3	1	4	3	3	4	4	3	3.1
Dianthus	Constant Beauty™ Pink/ Red	P	2	3	2	2	2	1	2	1	2	1.9
		F	2	2	2	2	2	2	2	1	1	1.8
Dianthus	Constant Cadence® Milk Cherry	P	3	3	3	3	3	2	2	3	2	2.8
		F	2	4	1	3	3	3	4	3	3	2.8
Dianthus	Constant Cadence® Salmon	P	3	2	3	3	2	2	2	2	2	2.4
		F	4	3	1	4	2	2	3	2	2	2.5

*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		6/6	6/20	7/3	7/17	8/9	8/24	9/5	9/20	10/3	Average
Dianthus	Constant Promise® White	P		3	3	3	3	3	2	2	2	2.7
		F		2	3	3	3	3	2	2	0	2.3
Dianthus	Constant Promise™ Raspberry	P	3	2	3	3	2	2	3	3	2	2.5
		F	3	3	1	4	2	2	4	3	3	2.6
Dianthus	Odessa Cerise Bling Bling	P	3	3	3	3	3	3	3	3	3	3
		F	2	4	3	3	3	3	3	3	3	3
Dianthus	Odessa Nicky	P	3	4	3	4	4	2	2	2	2	3
		F	0	3	2	3	4	3	3	3	3	2.6
Dianthus	Sunflor Kaylee	P	3	3	3	3	2	1	2	2	2	2.4
		F	1	2	3	4	2	2	1	2	2	2.3
Dianthus	Sunflor Lilac Charmy	P	3	3	2	3	2	2	2	2	3	2.5
		F	3	3	2	3	2	2	3	4	3	2.8
Dianthus	Sunflor Pink Faganza	P	3	3	2	3	3	3	3	3	3	2.9
		F	2	3	2	3	2	2	2	3	3	2.5
Dianthus	Sunflor YFKE	P	4	3	3	3	4	3	4	2	3	3.1
		F	1	2	3	3	4	3	3	3	3	2.8
Echinacea	Moodz Courage	P	3	2	3	4	4	3	4	2	2	3
		F	2	2	3	2	4	4	5	4	4	3.3
Echinacea	Moodz Dream	P	2	2	3	3	4	3	3	4	3	3
		F	1	1	2	3	3	3	4	5	4	2.9
Echinacea	Prairie Splendor™ Compact Rose	P					2	2	2	3	3	2.5
		F					0	1	2	3	2	1.5
Echinacea	Prairie Splendor™ Compact White	P					2	2	3	3	3	2.5
		F					0	1	2	3	2	1.5
Echinacea	Sombrero® Tres Amigos	P	2	3	3	3	4	4	4	4	3	3.3
		F	0	2	4	3	3	3	3	4	3	2.8
Echinacea	KISMET® Red	P	3	3	3	3	3	3	3	3	3	3
		F	1	3	4	3	3	3	4	3	3	3
Echinacea	KISMET® Yellow	P	3	3	3	3	3	3	3	3	3	3
		F	2	3	4	3	3	2	3	2	3	2.8

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Class of: 2018

Coordinator Plant and Flower Ratings for 2018

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Echinacea purpurea	Mellow Yellows	P		1	2	3	3	3	3	3	3	2.6
		F		0	0	0	1	2	3	3	4	1.6
Epimedium x rubrum	Galadriel	P		2	2	3	3	3	2	2	2	2.4
		F		0	0	1	0	0	0	0	0	0.2
Eryngium	B100B504	P		2	1	2	2	3	2	3	3	2.3
		F		0	0	0	0	0	0	0	0	0
Gaillardia aristata	Barbican™ Red	P					2	3	3	3	3	2.8
		F					2	3	3	3	3	2.8
Gaillardia aristata	Barbican™ Yellow Red Ring	P					2	3	3	3	3	2.8
		F					2	3	3	3	3	2.8
Gaillardia aristata	Spintop Red Starburst	P	3	3	3	3	3	3	3	3	2	2.9
		F	2	3	4	3	3	3	3	3	2	2.9
Gaura	Bantam® Pink	P	3	2	2	3	3	3	3	2	2	2.6
		F	2	3	0	0	0	3	3	3	1	1.7
Gaura lindheimeri	Cool Breeze	P		2	3	3	3	3	3	3	3	2.9
		F		0	1	1	1	1	3	3	3	1.6
Geranium	B150B536	P		1	2	3	3	3	3	3	3	2.6
		F		0	0	0	0	1	3	4	5	1.6
Geranium	B150B537	P		2	2	3	3	3	3	3	3	2.7
		F		0	2	2	1	2	1	1	0	1.1
Helenium autumnale	Salud™ Embers	P	3	2	3	3	3	3	3	2	2	2.7
		F	1	2	3	3	3	3	3	2	2	2.4
Helenium autumnale	Salud™ Golden	P	3	2	3	3	2	3	2	2	2	2.4
		F	1	2	3	3	4	3	2	2	2	2.4
Helenium autumnale	Salud™ Yellow	P	3	2	3	3	3	3	3	2	2	2.7
		F	1	2	2	3	3	3	3	2	2	2.3
Heliopsis helianthoides var. scabra	Bleeding Hearts	P		2	2	3	3	3	4	3	4	3
		F		0	0	0	0	1	3	4	3	1.4
Heuchera	DOLCE® Spearmint (Proven Winners)	P	4	4	4	4	3	3	3	3	3	3.5
		F	1	0	0	0	0	0	0	0	0	0.1

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Coordinator Plant and Flower Ratings for 2018

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Heuchera	FOREVER™ 'Red'	P		4	3	3	3	3	3	3	3	3.1
		F		3	2	3	2	2	0	0	2	2
Heuchera	Lemon Love	P	4	4	3	4	3	3	3	4	4	3.7
		F	1	1	0	0	0	0	0	0	0	0.3
Heuchera	NORTHERN EXPOSURE™ Black	P	5	3	4	4	4	4	4	3	3	3.8
		F	1	2	2	3	2	3	2	2	3	2.3
Heucherella	Onyx	P	3	2	2	2	2	2	2	1	1	1.9
		F	0	0	0	0	0	0	0	0	0	0
Hosta	SHADOWLAND™ Diamond Lake (Proven Winners)	P	4	3	3	3	3	3	3	3	2	3
		F	2	0	2	0	1	1	0	2	2	1.3
Lavandula angustifolia	Aromatico™ Blue Imp.	P					2	3	3	3	3	2.8
		F					2	3	3	3	3	2.8
Leucanthemum	1704-127	P		1	2	3	3	2	3	3	3	2.5
		F		0	0	0	2	3	3	3	3	1.8
Leucanthemum	Adorable	P	3	2	3	2	2	2	2	3	2	2.3
		F	3	4	3	0	0	2	2	3	3	2.2
Leucanthemum	Coconut	P	3	3	4	4	2	2	2	3	2	2.8
		F	1	4	4	4	3	3	2	2	3	2.9
Leucanthemum	Lancaster® Betsy™	P	2	3	2	2	1	2	2	2	2	2
		F	2	3	1	2	2	3	3	2	3	2.3
Leucanthemum	Lancaster® Darling Daisy® Supreme	P	3	2	3	3	3	3	3	3	3	2.9
		F	4	2	0	0	3	3	3	2	3	2.2
Leucanthemum maximum	Birdy	P	3	3	3	4	4	3	4	4	4	3.6
		F	3	3	2	2	4	4	4	3	3	3.1
Leucanthemum maximum	Sweet Daisy Sofie	P	2	3	3	3	2	3	2	3	3	2.7
		F	2	4	2	2	1	2	2	2	3	2.2
Leucanthemum maximum	Western Star™ Leo	P					2	3	3	3	2	2.5
		F					1	3	4	2	1	1.8
Leucanthemum maximum	Western Star™ Taurus	P					2	3	3	3	3	2.8
		F					2	3	1	2	2	2.3

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Coordinator Plant and Flower Ratings for 2018

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Lupinus polyphyllus	Westcountry Persian Slipper	P	2	1	1	1	1	0	0	0	0	1.2
		F	0	1	0	0	0	0	0	0	0	0
Lychnis	Petit Henri	P		2	1	3	3	3	3	3	4	2.7
		F		0	0	1	4	4	4	3	4	2.3
Monarda	Marje® Purple	P	2	3	3	3	3	4	4	4	4	3.3
		F	0	0	0	0	0	2	1	1	2	0.7
Penstemon	DAKOTA™ Burgundy'	P	4	4	4	5	4	4	4	5	3	4.1
		F	0	3	4	4	3	3	3	2	0	2.4
Penstemon	DAKOTA™ Verde	P	3	3	3	4	3	3	3	4	3	3.2
		F	0	2	3	3	2	3	3	3	2	2.3
Phlox paniculata	Early® Pink Candy	P	1	1	3	3	2	2	2	2	2	2
		F	1	2	1	2	2	2	2	1	0	1.4
Phlox paniculata	Early® Purple Pink Eye	P	3	3	3	3	2	3	3	3	3	2.9
		F	2	3	2	3	2	2	3	3	3	2.6
Phlox paniculata	Ka-Pow® Lavender	P	3	2	3	3	3	3	3	3	3	2.9
		F	3	3	1	2	3	3	3	3	3	2.7
Phlox paniculata	Ka-Pow® Pink	P	3	2	2	3	3	3	3	3	3	2.8
		F	2	4	1	1	2	2	3	3	3	2.3
Phlox paniculata	Ka-Pow® Purple	P	3	3	3	3	3	3	3	3	4	3.1
		F	1	4	2	3	2	3	3	3	3	2.7
Phlox paniculata	Ka-Pow® White Bicolor	P	1	2	2	3	2	2	2	3	2	2.1
		F	2	3	1	1	2	2	2	2	1	1.8
Platycodon grandiflorus	Twinkle™ Blue	P					3	3	3	3	3	3
		F					1	3	3	3	1	2.2
Salvia	905	P	2	3	4	3	4	3	4	4	4	3.4
		F	0	1	1	3	4	3	3	4	3	2.4
Salvia	914	P	2	3	3	3	3	3	3	1	2	2.5
		F	0	0	0	3	3	3	3	2	1	1.5
Salvia	917	P	2	3	4	3	4	3	4	4	4	3.4
		F	0	0	2	3	4	3	3	4	3	2.4

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Salvia	Swiftly® Violet Blue	P	3	1	2	3	3	3	2	1	1	2.1
		F	2	1	0	2	3	3	0	0	0	1.2
Salvia nemorosa	Blue by You	P	2	3	3	3	4	3	3	3	3	3
		F	2	2	2	3	4	3	3	3	3	1
Salvia nemorosa	Sky Blue Marvel	P	1	2	2	3	4	3	3	3	3	2.6
		F	1	1	1	3	4	3	3	3	3	1
Veronica longifolia	Forever Blue	P	3	3	3	3	4	3	3	3	3	3.1
		F	2	3	3	3	3	3	3	3	3	3
Viola	Halo Golden Yellow	P	3	4	3	3	3	3	3	4	4	3.4
		F	5	5	4	4	3	4	4	4	4	5

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