

# Colorado State University

## 2016 Perennial Flower Trial

### Performance Report



Department of Horticulture and Landscape Architecture

1401 Remington Street

Fort Collins, CO 80523

[www.flowertrials.colostate.edu](http://www.flowertrials.colostate.edu)

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

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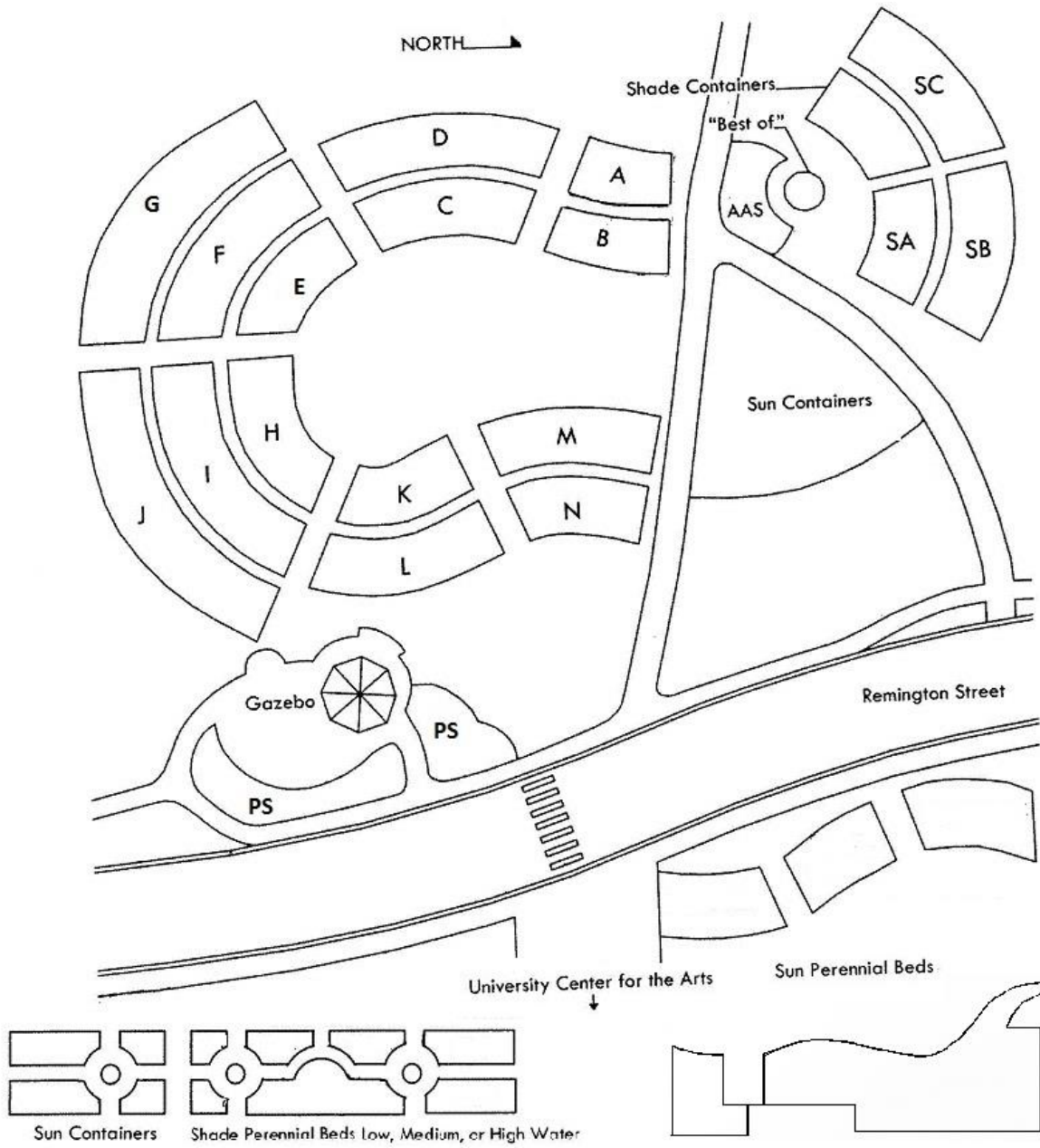
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# GARDEN MAP



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

## 2016 Perennial Trial Garden Performance Report

Dr. James E. Klett, David Staats and Shana Brown

### 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 (April to early October) by the Perennial Trial Garden Coordinator. Plants were also evaluated once a month by some members of the Perennial Trial subcommittee. The Perennial Trial subcommittee met November 16<sup>th</sup>, 2016 to review data and photos to vote on which entries should be designated a "Top Performer" for the class of 2014.

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 16 plant and seed companies participated in the trials, entering 79 new varieties of herbaceous perennial plants for a total of 233 entries in the trials:

Blooms of Bressingham	Jelitto Perennial Seeds
Cultivaris	North Creek Nurseries
Danziger	PanAmerican/Kieft
Darwin Perennials	Plant Select®
Dummen Orange	Skagit Gardens
Eason Horticulture Resources	Star Roses and Plants/Conard-Pyle Co.
Greenfuse	Terra Nova Nurseries
Hilverdakooij	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 SunGro Horticulture, Inc. 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 Trial Garden Staff – Sean Markovic, Chris Tragakes, Taylor Reid, Brandon McCarron, Noel Rodriguez  
All the Larimer County Master Gardeners who volunteered their time and hard work.

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

The Trial Garden Advisory Committee – Harvey Lang (Syngenta Flowers), Tom Linwick (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), Eric Pitzen (Syngenta Flowers), Frank Yantorno (Center Greenhouse, Inc.), Galen Dokter (Vaughn's), Gene Pielin (Gulley Greenhouse), Jim Devereux (Dummen Orange), Sharon Kendall (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), Luke Ellington (Express Seed Company), Susan Stauber (Ball Horticultural Company), Traicer Gray (Elitch Gardens), Aaron McDonald (Botany Lane Greenhouse), Julie Lehman (Denver City Park Greenhouse), Niles Reese (retired, Walters Gardens), Brian Austin (Dutch Heritage Gardens), Emily Mason (Dummen

Orange), Jini Bates (Bloomin'), Debra Pfaff (City of Broomfield), Aaron Bivens (Altman Plants), Sean Moody (Ceres Land Care), Beth Gulley (Gulley Greenhouse).

And a special thanks to those who served on the Perennial Trial Sub-Committee.

Jini Bates (Bloomin'), Aaron Bivens (Altman Plants), Bridget Blomquist (Denver Botanic Gardens), Ron Brum (Ball Horticultural Company), Dan Gerace (Welby Gardens), Beth Gulley (Gulley Greenhouse), Sean Moody (Ceres Land Care), Merle Moore (retired, Denver Zoological Gardens), Gene Pielin (Gulley Greenhouse), Diana Reavis (Eason Horticultural Resources Inc.), and Susan Stauber (Ball Horticultural Company).

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

Horticulture Research Associate  
Perennial Trial Coordinator

David Staats  
Shana Brown

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](http://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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# Cultural Data<sup>1</sup>

## Growing

Vegetative propagated plants did not arrive all at the same time or 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. Bare root varieties were transplanted into #1 containers. 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<sup>®</sup> fertilizer injectors rated at 7 GPM were used in the greenhouses to fertilize plants on alternate days they were watered, with alternate days being watered with clear water. 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<sup>®</sup> (6 oz/gallon) and Rootshield<sup>®</sup> (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.

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<sup>1</sup> No endorsement of products named is intended nor is criticism of products not mentioned.

### **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 two rows of nine plants each. If fewer plants were sent they may have been planted at wider spacing or in just one row instead of two. There were approximately 18 inches between entries in the beds.

### **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 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**

There were no major pest problems in the garden this year, so no chemicals were used for pest control.

### **Disease Control in Garden**

All Penstemon varieties were sprayed with Heritage at a rate of 5g/4gal on August 9<sup>th</sup> and 23<sup>rd</sup> to control and prevent fungus. 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**

The weather was cool and moist in the spring, but dried out and remained hot through the summer months. Fall was warm and dry with the first frost date (Below 32°F) occurring on October 31<sup>st</sup>, 2016.



**Monthly Temperatures and Precipitation for Winter 2015-2016**

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
November	50.9 °F	25.6 °F	1.56
December	42.4 °F	18.3 °F	0.94
January	44.6 °F	18.2 °F	0.58
February	52.9 °F	24.4 °F	1.01
March	56.1 °F	30.2 °F	2.28

**Monthly Temperatures and Precipitation for Summer 2016**

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
April	62.0° F	36.5° F	2.75
May	67.4° F	42.1° F	1.84
June	83.0° F	53.0° F	0.20
July	91.0° F	56.4° F	1.43
August	89.4° F	65.0° F	1.36
September	75.6° F	57.0° F	0.95
October	64.0° F	36.0° F	1.14
November	51.0° F	26.0° F	0.75

\*Weather information for the Fort Collins area provided by the Colorado State University at: [http://ccc.atmos.colostate.edu/sum\\_form.html](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 October 7<sup>th</sup>, 2016. This was done to determine the approximate average size and growth performance of the mature plants. For plants that were planted in 2016, 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 August 6<sup>th</sup>, 2015 and were combined into a single sample per type of bed. No new analysis was done during 2016.

### Soil Analysis

Location and Date	PH	E.C. mmhos/ cm	Lime Estimate	% O.M.	NO <sub>3</sub> - N	P	K	Zn	Fe	Mn	Cu	Texture
Sun 8/6	6.9	1.2	Low	43.1	106	200	558	43.6	183	10.7	18.3	Sandy Loam
Shade 8/6	6.8	1.9	Low	27.3	204	200	715	24.1	135	11.2	8.7	Sandy Loam

### Performance Evaluation

Photos and data on plants and flowers were collected on a bi-weekly basis from April 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 16, 2016, a conference call was convened with CSU staff and the Perennial Trial Garden Subcommittee. Pictures of entries from the 2014 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 2016 Season**  
**Class of 2014 and Grown in 2016 (3 summers, 2 winters)**

**WINDWALKER® Big Bluestem from Plant Select®**  
**(*Andropogon gerardii* 'Poo3S')**

This is an ornamental grass with great multi-season interest with beautiful soft blue foliage that changes to a dark maroon lavender that persists even into the winter. The plant adds impressive height to the border with a narrow growth habit that reaches about 6' tall. This is a great choice for a xeriscape area, as it can thrive with little or no supplemental irrigation. Avoid overhead watering and over-fertilization to maintain compact plants and prevent lodging.

**Alexander's Great Brunnera from Terra Nova Nurseries, Inc.**  
**(*Brunnera macrophylla* 'Alexanders Great' <sup>PP25,789</sup>)**

This is a unique Brunnera of “monster” growth proportions which is an excellent choice to add structure to the garden. The large size also helps show off the heavily silvered leaves resulting in a dramatic statement for the garden. It makes a great foliage plant for shady areas but also has a good display of blue flowers that creates a light, airy appearance. It can be used as a very attractive groundcover that is about knee high, but also makes a striking specimen. This is one of the few perennials that was selected for the “Too Good to Wait” award in 2015 and did not disappoint during the 2016 season. Make sure to give this plant ample space to show off its naturally uniform mounding habit and beautiful flowers.

**Carnival Rose Granita Heuchera from Darwin Perennials**  
**(*Heuchera x hybrid* 'Carnival Rose Granita' <sup>PPAF</sup>)**

One of the best in the Carnival series, Rose Granita is unique among *Heuchera* in that the foliage reflects light and even seems to glow at times. Its foliage has a composite of pink, purple and green, combined with a silver overlay that seems to change with the angle of the sun as well as the season for a truly mesmerizing appearance. Beautiful from a distance, this plant only gets more impressive up close as the leaf variation starts to come into focus. Use in mass plantings or as a small specimen in the shade. The plants have a very uniform growth habit and a light pink flower that complements the foliage nicely.

**Forever Purple Coral Bells from Terra Nova Nurseries, Inc.**  
**(*Heuchera* 'Forever Purple' <sup>PPAF</sup>)**

Aptly named, Forever Purple's leaves are a deep, rich purple color that is maintained all season without fading. The best and most vibrant purple leaved *Heuchera* currently on the market sports glossy foliage that seems to make the color “bounce” off the leaf. It is grown mostly for attractive foliage which also has fluted edges. Plants have good vigor and a very uniform growth habit. It would make a great choice for shady areas or combos.

**Summerific® Cherry Cheesecake Rose Mallow from Walters Garden/Proven Winners  
(Hibiscus x ‘Summerific® Cherry Cheesecake’)**

Saucer sized flowers are a stunning contrast of rich cherry-red and bright white which gives a very tropical or exotic feel to the landscape. This selection is rated highly for its ability to produce huge flowers evenly over the entire plant. Plants are very uniform and healthy with foliage that reaches all the way to the ground. Be patient with this hibiscus as it comes up very late in the spring, but is well worth the wait when the showy flowers start to open in late July.

**CrazyBlue Russian Sage from Darwin Perennials  
(*Perovskia atriplicifolia* ‘CrazyBlue’<sup>USPP25639</sup>)**

Besides the prolific blue flowers, this entry is noted for a very attractive growth habit that is smaller than the species and is not susceptible to lodging even with overhead irrigation. Growth habit improves with age and with time makes a very attractive compact mound of silver gray foliage. Plants appear dense with good branching and have a very long bloom period. This selection thrives in a dry location and maintains a slightly more compact habit.

**Glamour Girl Garden Phlox from Walters Garden/Proven Winners  
(*Phlox paniculata* ‘Glamour Girl’)**

This variety is described as “One of the best garden phlox introduced in a very long time”. The period of bloom is impressively long and provides the garden with abundant vibrant salmon colored flowers. Flower color did not fade and the plants create a very upright and uniform overall appearance with no lodging. This selection seems to be fairly mildew resistant when compared to other garden phlox in the trials.

**“Too Good To Wait Performer” for the 2016 Season  
Planted in 2015 and Grown in 2016 (2 summers, 1 winter)**

This category is to acknowledge an upcoming plant that has been in the ground one winter and two growing seasons and has shown excellent performance thus far in the trial. The Perennial Trial Committee likes to award ‘Top Performer’ to plants that have been in the ground 2 winters and 3 growing seasons. This plant impressed the Perennial Trial Committee so much that they designated the category name: “Too Good to Wait Performer”.

**Kahori® Border Pink from Bartels  
(*Dianthus* ‘Kahori’)**

Prolific blooms cover the plants at peak bloom and creates a mat of vibrant pink flowers. This entry is superior for a long period of bloom and exceptional uniformity. It looks great in ground beds and would make a beautiful border, but is a great choice to use in containers since it is always in bloom. This selection remains very compact and has great heat tolerance during the peak of summer temperatures.

**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 2015-2016 winter.

<b>Genus</b>	<b>Cultivar</b>	<b>Company</b>	<b>Year Planted</b>
Agastache	Kudos™ Ambrosia	Terra Nova Nurseries	2014
Coreopsis	Leading Lady Charlize	Bartels	2015
Coreopsis	Leading Lady Lauren	Bartels	2015
Dianthus	Sunflor Esta	Bartels	2015
Dianthus	Sunflor Vivre	Bartels	2015
Echinacea	Sombrero® Adobe Orange	Darwin Perennials	2014
Eupatorium	Capri	Terra Nova Nurseries	2015
Gaillardia	Sunset Cutie	Eason Horticulture Resources	2015
Gaura	Grace™ Blush	Danziger	2015
Penstemon	Cha Cha™ Cherry	Terra Nova Nurseries	2015
Penstemon	Cha Cha™ Lavender	Terra Nova Nurseries	2015
Penstemon	Cha Cha™ Pink	Terra Nova Nurseries	2015
Penstemon	Cha Cha™ Purple	Terra Nova Nurseries	2015
Penstemon	Hot Pink Riding Hood®	Bartels	2014
Salvia	Fuchsia Arctic Blaze™	Star Roses and Plants/ The Conard-Pyle Co.	2015
Salvia	Purple Arctic Blaze™	Star Roses and Plants/ The Conard-Pyle Co.	2015
Salvia	Red Arctic Blaze™	Star Roses and Plants/ The Conard-Pyle Co.	2015
Scabiosa	Royal Ruby	Bartels	2015
Stachys x lamium	Lilac Falls	Eason Horticulture Resources	2015
Viola	Halo Lemon Frost	Darwin Perennials	2015

**Entries Removed by Cooperator's Request**

Star Roses and Plants/The Conard Pyle Company requested that the following varieties be removed from the trials because they are being discontinued.

<b>Genus</b>	<b>Cultivar</b>	<b>Company</b>	<b>Year Planted</b>
Coreopsis	Ka-Pow™ Cerise	Star Roses and Plants/ The Conard-Pyle Co.	2015
Coreopsis	Ka-Pow™ Ivory	Star Roses and Plants/ The Conard-Pyle Co.	2015
Coreopsis	Ka-Pow™ Lemon	Star Roses and Plants/ The Conard-Pyle Co.	2015

## Class of 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Achillea	New Vintage™ Red	Darwin Perennials	Red	H: 30.5 W: 21	2014
	Rating June: 2	Comments: Dense, vigorous and uniform, just starting to flower			
	Rating July: 4	Comments: Severely lodged, staked,			
	Rating Aug.: 1.2	Comments: Dense since cut back			
	Rating Sept.: 2.3	Comments: Dense, a few stray flowers since being cut back			
<b># Planted:</b> 15					
<b>% Survived:</b> 15					
	Additional Comments:	Cut back to new growth at base of plant because plants were lodging, 8/12/16.			
Achillea	New Vintage™ Rose	Darwin Perennials	Pink	H: 22 W: 16.5	2014
	Rating June: 3	Comments: Dense, vigorous and uniform, just starting to flower			
	Rating July: 5	Comments: Severely lodged, staked,			
	Rating Aug.: 2.8	Comments: Dense since cut back			
	Rating Sept.: 2.5	Comments: Dense, a few stray flowers since being cut back			
<b># Planted:</b> 13					
<b>% Survived:</b> 77					
	Additional Comments:				
Achillea	New Vintage™ Violet	Darwin Perennials	Violet	H: 40 W: 36	2014
	Rating June: 2	Comments: Dense, vigorous and uniform, some lodging, just starting to flower			
	Rating July: 4	Comments: Severely lodged, staked,			
	Rating Aug.: 3	Comments: Reblooming since cut back			
	Rating Sept.: 2.8	Comments: Dense, a few stray flowers since being cut back			
<b># Planted:</b> 13					
<b>% Survived:</b> 77					
	Additional Comments:	Cut back to new growth at base of plant because plants were lodging, 8/12/16.			
Agastache	Rosie Posie	Walters Gardens/ Proven Winners	Deep rose	H: 63 W: 40	2014
	Rating June: 2	Comments: Mostly dense and vigorous, a few plants have areas of chlorosis			
	Rating July: 2	Comments: Just starting to flower, one plant looks like it might have some fungus			
	Rating Aug.: 4	Comments: Dense, but irregular size, great, vivid flower cover			
	Rating Sept.: 4	Comments: 100% flower cover, great color, plants crowded by neighbor			
<b># Planted:</b> 20					
<b>% Survived:</b> 45					
	Additional Comments:				
Agastache	Kudos™ Silver Blue	Terra Nova Nurseries	Pale gray	H: 9 W: 27.5	2014
	Rating June: 4	Comments: Plants sprawling into other rows, flower cover 75%			
	Rating July: 4	Comments: Vigorous, had to cut back a bit to uncover neighbors, flowers profuse, but not very			
	Rating Aug.: 4.2	Comments: Some dead stalks in middle of row			
	Rating Sept.: 3	Comments: Very vigorous, color effect dull			
<b># Planted:</b> 20					
<b>% Survived:</b> 100					
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Agastache	Kudos™ Gold	Terra Nova Nurseries	Yellow/orange	H: 5.5	W: 12	2014
	Rating June: 4	Comments: Plants not uniform, showing chlorosis, flower cover 25%				
	Rating July: 4	Comments: Healthy but not uniform, flowers profuse				
	Rating Aug.: 3.5	Comments: Some chlorosis, maybe mite damage				
	Rating Sept.: 2	Comments: Chlorosis, flowers mostly faded				
	<b># Planted: 20</b>					
	<b>% Survived: 80</b>					
	Additional Comments:					
Alyssum	Golden Spring	Darwin Perennials	Yellow	H: 27	W: 24.5	2014
	Rating June: 4	Comments: Plants very vigorous, but not uniform, flower cover less than 25%				
	Rating July: 4	Comments: Recently deadheaded, dense with nice blue leaf color, a few flowers				
	Rating Aug.: 2.7	Comments: A couple stray flowers, some chlorosis				
	Rating Sept.: 2	Comments: Dense mats, a few stray flowers				
	<b># Planted: 10</b>					
	<b>% Survived: 90</b>					
	Additional Comments:					
Andropogon gerardii 'P003S'	WINDWALKER®	Plant Select®	Khaki	H: 25	W: 34	2014
	Rating June: 3	Comments: Dense, vigorous and mostly uniform,				
	Rating July: 3	Comments: Vigorous with some lodging				
	Rating Aug.: 3.2	Comments: Some lodging				
	Rating Sept.: 4	Comments: Foliage color changing from bluish gray to purples and oranges				
	<b># Planted: 16</b>					
	<b>% Survived: 100</b>					
	Additional Comments:					
Anemone	Pretty Lady Maria	Blooms of Bressingham	White	H: 17	W: 28	2014
	Rating June: 3	Comments: Dense, vigorous and filled in				
	Rating July: 3	Comments: Super vigorous and filled in				
	Rating Aug.: 2.5	Comments: Just starting to bloom, one plant with pink flowers				
	Rating Sept.: 4	Comments: Very dense and floriferous				
	<b># Planted: 19</b>					
	<b>% Survived: 100</b>					
	Additional Comments:					
Brunnera	Alexander's Great	Terra Nova Nurseries	Blue	H: 22	W: 34.5	2014
	Rating June: 2	Comments: Dense, vigorous and uniform, flowers almost done, mostly deadheaded last week				
	Rating July: 2	Comments: Dense, vigorous, uniform, a couple flowers left				
	Rating Aug.: 1.7	Comments: Dense, uniform mounds, a few stray flowers				
	Rating Sept.: 2.8	Comments: Perfectly dense and uniform				
	<b># Planted: 21</b>					
	<b>% Survived: 100</b>					
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Dianthus	Kahori®	Bartels	Bright pink	H: 20	W: 14.5	2014
	Rating June: 4	Comments: Plants dense and mostly uniform, flower cover 75%				
	Rating July: 3	Comments: A few plants shaded by neighbor look bad, others are healthy and compact, a few flowers				
	Rating Aug.: 2.5	Comments: Plants not shaded out by neighbor look very good				
	Rating Sept.: 2.8	Comments: Fairly uniform with even bloom coverage				
<b># Planted:</b> 20						
<b>% Survived:</b> 45						
	Additional Comments:					
Helenium	Short and Sassy	Skagit Gardens	Yellow and orange	H: 21	W: 32	2014
	Rating June: 2	Comments: Healthy and dense, not uniform				
	Rating July: 4	Comments: Irregular plants, flowers just getting started				
	Rating Aug.: 2.2	Comments: Grass lodged on top of row, plants irregular from shading				
	Rating Sept.: 2.3	Comments: A few flowers, very crowded by neighbor				
<b># Planted:</b> 18						
<b>% Survived:</b> 17						
	Additional Comments:					
Heliopsis helianthoides	Sunstruck	Darwin Perennials	Yellow	H: 20	W: 39.5	2014
	Rating June: 4	Comments: Vigorous, dense and mostly uniform with 75% flower cover				
	Rating July: 5	Comments: Vigorous, but not uniform, profuse flowers				
	Rating Aug.: 3.3	Comments: Blooms fading, foliage ragged				
	Rating Sept.: 1.8	Comments: Insect damage, mostly done flowering				
<b># Planted:</b> 13						
<b>% Survived:</b> 85						
	Additional Comments:					
Heliopsis helianthoides	Tuscan Sun	Walters Gardens/ Proven Winners	Yellow	H: 29	W: 29.5	2014
	Rating June: 4	Comments: Vigorous and healthy, not uniform, flower cover 25%				
	Rating July: 5	Comments: Vigorous, but not uniform, profuse flowers				
	Rating Aug.: 4.2	Comments: Plants lodging, one in row ripped off at base by visitor				
	Rating Sept.: 3	Comments: Insect damage, still some flowers				
<b># Planted:</b> 18						
<b>% Survived:</b> 33						
	Additional Comments:					
Heuchera	Forever Purple	Terra Nova Nurseries	Pale pink	H: 15	W: 19	2014
	Rating June: 4	Comments: Dense, uniform, rich leaf color, just starting to flower				
	Rating July: 4	Comments: Dense, uniform, rich leaf color				
	Rating Aug.: 3	Comments: Dense, uniform, good leaf color				
	Rating Sept.: 2.5	Comments: Dense, uniform, still rich purple				
<b># Planted:</b> 24						
<b>% Survived:</b> 100						
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Heuchera villosa hybrid	Carnival Silver Streak	Darwin Perennials	Greenish white	H: 9	W: 18	2014
	Rating June: 4	Comments: Dense, vigorous and uniform, flower cover 75% whitish, not super showy, but contrasts with dark foliage color				
	Rating July: 4	Comments: Dense, uniform, flowers present but not showy				
	Rating Aug.: 2.7	Comments: Some leaf spot or burn				
	Rating Sept.: 2.3	Comments: Some leaf scorch on edges				
<b># Planted:</b> 14						
<b>% Survived:</b> 100	Additional Comments:					
Heuchera villosa hybrid	Carnival Coffee Bean	Darwin Perennials	Pink	H: 16	W: 20	2014
	Rating June: 5	Comments: Dense, uniform, flowers showy pink, about 50%				
	Rating July: 5	Comments: Dense and uniform, flowers mostly done				
	Rating Aug.: 3	Comments: Dense, uniform				
	Rating Sept.: 2.5	Comments: Dense, uniform				
<b># Planted:</b> 13						
<b>% Survived:</b> NA	Additional Comments:					
Heuchera villosa hybrid	Carnival Fall Festival	Darwin Perennials	Light pink	H: 18	W: 17.5	2014
	Rating June: 5	Comments: Dense, uniform, flowers showy light pink, about 25%				
	Rating July: 5	Comments: Dense and uniform, flowers mostly done				
	Rating Aug.: 3.2	Comments: Dense, uniform				
	Rating Sept.: 2.4	Comments: Dense, uniform				
<b># Planted:</b> 14						
<b>% Survived:</b> NA	Additional Comments:					
Heuchera villosa hybrid	Carnival Peach Parfait	Darwin Perennials	Greenish white	H: 13	W: 19	2014
	Rating June: 4	Comments: Plants dense and healthy, flowers mostly gone				
	Rating July: 4	Comments: Healthy, a few flowers				
	Rating Aug.: 2.3	Comments: Very peachy leaf color				
	Rating Sept.: 2	Comments: Nice leaf color				
<b># Planted:</b> 14						
<b>% Survived:</b> 36	Additional Comments:					
Heuchera villosa hybrid	Carnival Cocomint	Darwin Perennials	Brown	H: 16.5	W: 16.5	2014
	Rating June: 2	Comments: Dense and uniform				
	Rating July: 2	Comments: Dense, uniform				
	Rating Aug.: 2	Comments: Dense, uniform				
	Rating Sept.: 2.4	Comments: Dense, uniform				
<b># Planted:</b> 14						
<b>% Survived:</b> 93	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Heuchera villosa hybrid	Carnival Plum Crazy	Darwin Perennials	Rose	H: 18.5 W: 23	2014
	Rating June: 4	Comments: Dense, vigorous and uniform, flower cover 50% nice pinkish white contrasts with leaf color			
	Rating July: 4	Comments: Dense, uniform, flowers fairly showy against foliage			
	Rating Aug.: 2.2	Comments: Dense, uniform, flowers have nice color			
	Rating Sept.: 3.9	Comments: Still quite a few flowers			
# Planted: 14					
% Survived: 100					
	Additional Comments:				
Heuchera villosa hybrid	Carnival Rose Granita	Darwin Perennials	Pale pink	H: 54 W: 55	2014
	Rating June: 4	Comments: Dense, vigorous and uniform, flowers almost done			
	Rating July: 4	Comments: Dense, uniform, leaf color very attractive			
	Rating Aug.: 2.5	Comments: Reblooming since deadheading			
	Rating Sept.: 3.5	Comments: Leaves becoming more purple, many new flowers			
# Planted: 14					
% Survived: 100					
	Additional Comments:				
Heuchera villosa hybrid	Carnival Watermelon	Darwin Perennials	Pale pink	H: 13 W: 17.5	2014
	Rating June: 5	Comments: Most plants vigorous, a few smaller, flower cover sparse but even, similar color to leaves, blends in, not very showy			
	Rating July: 5	Comments: Healthy, flower cover 25%+			
	Rating Aug.: 3.2	Comments: Nice leaf color variation, pink on bottom, green variegated on top			
	Rating Sept.: 2.5	Comments: Nice leaf color, a few blooms			
# Planted: 14					
% Survived: NA					
	Additional Comments:				
Hibiscus	SUMMERIFIC® Cherry Chesseecake	Walters Gardens/ Proven Winners	White with red center	H: 15 W: 24.5	2014
	Rating June: 2	Comments: Very vigorous and dense, fairly uniform.			
	Rating July: 3	Comments: Vigorous and just starting to bloom			
	Rating Aug.: 4.3	Comments: Huge, healthy, spent flowers look unattractive			
	Rating Sept.: 2.3	Comments: Strong stems, no longer flowering			
# Planted: 16					
% Survived: 100					
	Additional Comments:				
Iberis	Whiteout	Keift	White	H: 14 W: 20	2014
	Rating June: 2	Comments: Healthy and dense but irregular. Done flowering and deadheaded			
	Rating July: 2	Comments: Dense, irregular, a few flowers			
	Rating Aug.: 1.7	Comments: Some chlorosis			
	Rating Sept.: 1.3	Comments: One plant looks wilted, all showing some yellowing			
# Planted: 20					
% Survived: 40					
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Lavandula angustifolia	SuperBlue	Darwin Perennials	Indigo	H: 19 W: 24.5	2014
	Rating June: 4	Comments: Plants mostly recovering from winter dieback, flower cover 75%			
	Rating July: 4	Comments: Dense and compact, flower cover 50%			
	Rating Aug.: 3.8	Comments: Covered by neighbor some, great, rich flower color			
	Rating Sept.: 3.5	Comments: One side of row sparse from shading, otherwise dense with good color			
	<b># Planted:</b> 13				
	<b>% Survived:</b> 69				
	Additional Comments:				
Leucanthemum	Daisy May®	Walters Gardens/ Proven Winners	White	H: 11.5 W: 18	2014
	Rating June: 4	Comments: Vigorous, but not uniform, flower cover 75%			
	Rating July: 4	Comments: Some lodging, spent flowers not very attractive			
	Rating Aug.: 1.8	Comments: Leaves ragged, insect damage			
	Rating Sept.: 1.8	Comments: New vegetative growth, one flower			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 30				
	Additional Comments:				
Monarda didyma	Balmy™ Purple	Darwin Perennials	Purple	H: 24.5 W: 20.5	2014
	Rating June: 2	Comments: Plants dense and vigorous, though not uniform, flower cover just starting.			
	Rating July: 4	Comments: Dense, not uniform, flower cover 100%			
	Rating Aug.: 1.8	Comments: Severe mildew			
	Rating Sept.: 1.5	Comments: Mildew, new growth looks healthy, a few stray flowers			
	<b># Planted:</b> 11				
	<b>% Survived:</b> 73				
	Additional Comments:				
Muhlenbergia reverchonii 'PUNDO1S'	UNDAUNTED® Ruby	Plant Select®	Pink	H: 36 W: 49.5	2014
	Rating June: 3	Comments: Dense and becoming more uniform			
	Rating July: 3	Comments: One row covered by neighbor, explains irregularity, other row is uniform and lush			
	Rating Aug.: 1.8	Comments: Nice texture, dense, uniform plants			
	Rating Sept.: 3.8	Comments: Plumes covering plants look like a reddish haze, very soft texture			
	<b># Planted:</b> 16				
	<b>% Survived:</b> 100				
	Additional Comments:				
Nepeta faassenii	Cat's Meow	Walters Gardens/ Proven Winners	Lavender	H: 89 W: 45	2014
	Rating June: 4	Comments: Plants splayed out from center, flower cover would be 75%+ if plants not lodged			
	Rating July: 5	Comments: Vigorous but lodging, flowers flopping but profuse			
	Rating Aug.: 3.7	Comments: Dense, healthy			
	Rating Sept.: 3.5	Comments: Dense mounds, flowers slowing down			
	<b># Planted:</b> 16				
	<b>% Survived:</b> 100				
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Penstemon	Blue Riding Hood®	Bartels	Blue with purple throat	H: 33 W: 20	2014
	Rating June: 5	Comments: Plants irregular, but healthy, flower cover irregular as fading			
	Rating July: 2	Comments: Irregular plants, putting on new growth since deadheaded			
	Rating Aug.: 2.2	Comments: Flower cover irregular, some fungus			
	Rating Sept.: 3	Comments: Irregular plants, most still with flowers			
<b># Planted:</b> 20					
<b>% Survived:</b> 75					
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	Delft's Blue Riding Hood®	Bartels	Blue	H: 22 W: 30	2014
	Rating June: 4	Comments: Healthy and dense, flower cover 50%			
	Rating July: 2	Comments: Lower leaves browning, putting on new growth since deadheaded			
	Rating Aug.: 1.5	Comments: Lots of new buds, some fungus on leaves			
	Rating Sept.: 2.3	Comments: Lodging, some fungus			
<b># Planted:</b> 20					
<b>% Survived:</b> 10					
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	Lavender Riding Hood®	Bartels	Light pink	H: 34 W: 18	2014
	Rating June: 4	Comments: Healthy, fairly uniform, flowers fading to 25%			
	Rating July: 2	Comments: Small but dense, a few flowers			
	Rating Aug.: 2.3	Comments: Some fungus, flower stalks lodging			
	Rating Sept.: 3	Comments: Flower stalks lodged			
<b># Planted:</b> 20					
<b>% Survived:</b> 65					
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	Marble Riding Hood®	Bartels	Pink and red	H: 45 W: 33	2014
	Rating June: 4	Comments: Vigorous and fairly uniform, one plant lodging, flower cover 50% and fading			
	Rating July: 4	Comments: Dense, maybe some minor fungus, a few flowers			
	Rating Aug.: 3.2	Comments: Some fungus, flowers sparse			
	Rating Sept.: 2	Comments: A few very vigorous, lush plants in row, a few sparse, with fungus			
<b># Planted:</b> 20					
<b>% Survived:</b> 85					
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	Red Riding Hood®	Bartels	Reddish orange	H: 21 W: 16.5	2014
	Rating June: 5	Comments: Vigorous and dense, flower cover 75%+			
	Rating July: 2	Comments: Some plants shaded by neighbors look bad, others are healthy			
	Rating Aug.: 1.8	Comments: Some fungus, probably from being shaded by neighbor			
	Rating Sept.: 1.5	Comments: Sparse where shaded by neighbor, lots of new basal growth			
<b># Planted:</b> 20					
<b>% Survived:</b> 60					
	Additional Comments:	Cut back to new growth at base of plant because plants were lodging, 8/12/16.			

\*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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Perovskia atriplicifolia	CrazyBlue	Darwin Perennials	Lavender	H: 33 W: 23.5	2014
	Rating June: 2	Comments: Dense, vigorous and uniform			
	Rating July: 4	Comments: Dense, uniform, floriferous			
	Rating Aug.: 4.8	Comments: Less dense, lower leaves dropping, profuse blooms			
	Rating Sept.: 3.5	Comments: Almost done blooming			
	<b># Planted:</b> 11				
	<b>% Survived:</b> 91				
	Additional Comments:				
Phlox paniculata	Flame® Violet	Bartels	Purple	H: 14 W: 18	2014
	Rating June: 5	Comments: Dense, vigorous and uniform, flower cover 25%			
	Rating July: 5	Comments: Dense, floriferous			
	Rating Aug.: 4.3	Comments: No lodging, flower cover sparse but even			
	Rating Sept.: 3.5	Comments: Minimal mildew, no lodging			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox paniculata	Early Pink Dark Eye®	Bartels	Pink with dark eye	H: 33 W: 30.5	2014
	Rating June: 4	Comments: Dense, vigorous and uniform, flower cover 25%			
	Rating July: 5	Comments: Vigorous and mostly healthy, one plant looks like it might have fungus 75% flower cover			
	Rating Aug.: 4.3	Comments: One sickly plant in row, front two plants mostly ripped off by visitors			
	Rating Sept.: 2.1	Comments: Minor mildew, a few flowers			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 95				
	Additional Comments:				
Phlox paniculata	Glamour Girl	Walters Gardens/ Proven Winners	Bright coral pink	H: 27 W: 25	2014
	Rating June: 3	Comments: Dense, vigorous and uniform			
	Rating July: 5	Comments: Vigorous and uniform, 90% flower cover			
	Rating Aug.: 4.3	Comments: Very little lodging, lots of new buds, a few plants might have aster yellows			
	Rating Sept.: 3.6	Comments: Minor powdery mildew, still strong color impact			
	<b># Planted:</b> 10				
	<b>% Survived:</b> 100				
	Additional Comments:	Symptoms of aster yellows noted on one plant in July.			
Phlox paniculata	Early Purple®	Bartels	Purple	H: 6 W: 21	2014
	Rating June: 4	Comments: Plants dense and uniform, flower cover irregular, but just getting started			
	Rating July: 4	Comments: Flower cover uniform but sparse, not all blooming at the same time			
	Rating Aug.: 3.7	Comments: Mostly uniform, blooms starting to fade, some powdery mildew			
	Rating Sept.: 2	Comments: Entire row is white from mildew			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 95				
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Phlox paniculata	Early Dark Pink®	Bartels	Pink	H: 31 W: 30	2014
	Rating June: 4	Comments: Dense, vigorous, mostly uniform, flower cover 75%, first of P. paniculata to get good coverage			
	Rating July: 4	Comments: Dense, floriferous			
	Rating Aug.: 4.3	Comments: Some mildew, no lodging			
	Rating Sept.: 1.3	Comments: Entire row is white from mildew			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox paniculata	Flame® Blue	Bartels	Pale blue	H: 10 W: 19.5	2014
	Rating June: 2	Comments: Dense, vigorous and uniform, just starting to flower			
	Rating July: 5	Comments: Dense, floriferous			
	Rating Aug.: 4.2	Comments: Flower cover irregular, blooms fading			
	Rating Sept.: 4	Comments: Minimal mildew, no lodging, dense flower cover on most plants			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 95				
	Additional Comments:				
Phlox paniculata	Flame® Purple Eye	Bartels	Purple with white eye	H: 10 W: 19.5	2014
	Rating June: 2	Comments: Dense and vigorous, but not uniform			
	Rating July: 2	Comments: Small, hidden by neighbors partially			
	Rating Aug.: 3.5	Comments: Plant size irregular but dense, flowers profuse			
	Rating Sept.: 2.8	Comments: some mildew, good flower cover			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:	One plant diagnosed with TMV 9/15/16, cut back to ground.			
Phlox paniculata	Flame® Coral	Bartels	Dark coral	H: 22 W: 19	2014
	Rating June: 2	Comments: Much less vigorous than surrounding phlox, totally hidden, not flowering yet			
	Rating July: 2	Comments: Small, hidden by neighbors			
	Rating Aug.: 3.5	Comments: Totally hidden by neighbors, a couple flowers left			
	Rating Sept.: 1	Comments: Completely overgrown by neighbors			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 80				
	Additional Comments:				
Phlox paniculata	Flame® Pink Eye	Bartels	Pink with white eye	H: 6.5 W: 14.75	2014
	Rating June: 2	Comments: Dense, vigorous and uniform			
	Rating July: 2	Comments: Vigorous, a few plants in full bloom, the rest are lagging			
	Rating Aug.: 4.7	Comments: One sickly plant, others look nice, great flower color variegation			
	Rating Sept.: 4.1	Comments: Minor mildew, dense flower cover still			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Phlox paniculata	Flame® Pink	Bartels	Pink	H: 8    W: 17.5	2014
	Rating June: 4	Comments: Dense, vigorous and uniform, flower cover 25%			
	Rating July: 4	Comments: Dense, floriferous			
	Rating Aug.: 4	Comments: Dense, blooms starting to fade			
	Rating Sept.: 2.5	Comments: Some mildew, flower cover evenly dispersed			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 95				
	Additional Comments:				
Phlox paniculata	Flame® White Eye	Bartels	White with pink eye	H: 23    W: 20.5	2014
	Rating June: 4	Comments: Dense, vigorous and uniform, just starting to flower			
	Rating July: 4	Comments: Dense, floriferous, some flowers are mutated to a variegated pink			
	Rating Aug.: 4	Comments: Some lodging and flower color reversion/mutation, one plant sickly			
	Rating Sept.: 2	Comments: Some sickly, chlorotic plants, mostly healthy, sparse flowers			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 95				
	Additional Comments:				
Phlox paniculata	Early White®	Bartels	White	H: 36    W: 24.5	2014
	Rating June: 2	Comments: Plants vigorous and healthy, not uniform			
	Rating July: 4	Comments: Vigorous and healthy, 75%+ flower cover			
	Rating Aug.: 3.5	Comments: Some lodging, mostly done flowering			
	Rating Sept.: 1.3	Comments: Severe mildew, no flowers			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox subulata	Early Spring® Light Pink	Bartels	Pink	H: 7    W: 20.5	2014
	Rating June: 4	Comments: Dense, vigorous and filled in			
	Rating July: 4	Comments: Lush, dense mat			
	Rating Aug.: 2.3	Comments: Small spots of chlorosis			
	Rating Sept.: 2.3	Comments: Dense and filled in			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox subulata	Early Spring® Dark Pink	Bartels	Dark pink	H: 9    W: 23.5	2014
	Rating June: 4	Comments: Dense, vigorous and filled in			
	Rating July: 4	Comments: Lush, dense mat			
	Rating Aug.: 1.8	Comments: Dense mat of foliage			
	Rating Sept.: 2	Comments: Dense and filled in			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Phlox subulata	Early Spring® Purple	Bartels	Purple	H: 10	W: 22.5	2014
	Rating June: 2	Comments: Most parts are dense and healthy, some chlorotic areas				
	Rating July: 2	Comments: Patchy with a few chlorotic spots				
	Rating Aug.: 1.2	Comments: Some chlorosis				
	Rating Sept.: 1.8	Comments: Some chlorosis				
# Planted: 20						
% Survived: 100	Additional Comments:					
Phlox subulata	Early Spring® Blue	Bartels	Pale blue	H: 9	W: 23	2014
	Rating June: 1	Comments: Dense, vigorous and filled in with some small areas of dead				
	Rating July: 1	Comments: Dense, vigorous with some small bare spots				
	Rating Aug.: 0.8	Comments: Some spots of dead and chlorosis				
	Rating Sept.: 1.9	Comments: Some chlorotic areas, a few flowers				
# Planted: 20						
% Survived: 100	Additional Comments:					
Phlox subulata	Early Spring® Lavender	Bartels	Pale purple	H: 26.5	W: 35	2014
	Rating June: 3	Comments: Dense, vigorous and filled in				
	Rating July: 3	Comments: Dense, vigorous and filled in				
	Rating Aug.: 2	Comments: Some spots of dead and chlorosis				
	Rating Sept.: 1.6	Comments: Dense and filled in				
# Planted: 20						
% Survived: 100	Additional Comments:					
Rosa	Black Forest™	Blooms of Bressingham	Scarlet red	H: 24	W: 25.5	2014
	Rating June: 4	Comments: Vigorous and dense, but with some chlorosis and irregularity, flower cover 50%				
	Rating July: 4	Comments: Dense, irregular, flower cover 50%+				
	Rating Aug.: 3.3	Comments: Vigorous but irregular, flower cover irregular				
	Rating Sept.: 3.1	Comments: Dense plants, nice shiny leaf color, flower effect good				
# Planted: 7						
% Survived: 100	Additional Comments:					
Solidago 'Barseven'	Sweetie®	Bartels	Yellow	H: 15.5	W: 19.5	2014
	Rating June: 2	Comments: Dense, vigorous and uniform				
	Rating July: 4	Comments: Dense, vigorous, uniform, flower buds profuse, just starting to open				
	Rating Aug.: 4	Comments: Flowers mostly faded, lodging moderately				
	Rating Sept.: 2	Comments: Some lodging, a few flowers left				
# Planted: 20						
% Survived: 100	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 2014 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Veronica longifolia	Vernique™ Deep Blue	Greenfuse	Dark blue	H: 14.5    W: 23.5	2014
	Rating June: 4	Comments: Plants vary in size and vigor, one pink in row (reverted?)		flower cover 75%+ rich color	
	Rating July: 4	Comments: Minor lodging, flower cover 25%			
	Rating Aug.: 3	Comments: Some powdery mildew			
	Rating Sept.: 2.3	Comments: Sparse, flowers fading			
<b># Planted:</b>	20				
<b>% Survived:</b>	0				
	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.

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Achillea	New Vintage™ Red	P	5	5	3	2	2	3	3	4	4	3.3
		F	0	1	4	3	2	1	1	1	1	1.6
Achillea	New Vintage™ Rose	P	5	5	3	2	2	4	4	4	5	3.6
		F	0	1	4	3	2	1	1	1	1	1.6
Achillea	New Vintage™ Violet	P	5	3.5	3	2	2	3	3	4	4	3.2
		F	0	1	4	3	2	2	2	2	2.5	2.1
Agastache	Rosie Posie	P	2	3	2	3	3	3	3	3	3	2.8
		F	0	0	0	1	3	5	5	5	3	2.4
Agastache	Kudos™ Silver Blue	P	3	4	4	4	4	3	3	3	3	3.4
		F	1	4	3	4	3	2	3	3	3	2.9
Agastache	Kudos™ Gold	P	2.5	2.5	3	3	3	2	3	2	2	2.6
		F	0	2	4	5	5	3	2	1	1	2.6
Alyssum	Golden Spring	P	3	2	3	3	3	3	3	3	3	2.8
		F	2	3	1	1	1	1	1	1	1	0
Andropogon gerardii 'P003S'	WINDWALKER®	P	4	4	4	4	4	3	3	4	3	3.6
		F	0	0	0	0	0	2	4	5	5	1.8
Anemone	Pretty Lady Maria	P	4	5	5	4	5	5	5	4	4	4.3
		F	0	0	0	0	0	1	3	4	3	1.2
Brunnera	Alexander's Great	P	5	5	5	5	5	5	5	5	5	4.7
		F	1	1	1	1	0	0	1	0	0	0.6
Dianthus	Kahori®	P	2.5	4	3	4	3	2	3	3	3	2.9
		F	3	4	1	1	1	2	2	3	4	2.3
Helenium	Short and Sassy	P	3	3	3	3	3	3	3	3	3	2
		F	0	0	1	2	3	2	2	1	1	1.3
Heliopsis helianthoides	Sunstruck	P	4	4	4	3.5	3	2	2	2	2	3
		F	3	4	5	4	3	2	1	2	1	2.8
Heliopsis helianthoides	Tuscan Sun	P	3	3	4	4	3	2	3	2	2	2.9
		F	1	2	4	5	4	4	4	3	2	3.2
Heuchera	Forever Purple	P	5	5	5	5	5	5	5	5	5	4.7
		F	1	1	1	1	0	0	0	0	0	0.4

\*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

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Heuchera villosa hybrid	Carnival Silver Streak	P	5	5	5	5	5	4	5	4	4	4.4
		F	4	4	4	2	1	1	0	0	1	1.9
Heuchera villosa hybrid	Carnival Coffee Bean	P	5	5	5	4	5	4	5	5	5	4.5
		F	4	3	2	1	1	0	0	0	0	1.2
Heuchera villosa hybrid	Carnival Fall Festival	P	4.5	5	5	5	5	4	5	4.5	4	4.4
		F	3	2	3	1	1	0	0	0	0	1.1
Heuchera villosa hybrid	Carnival Peach Parfait	P	4	3	3	3	3	3	3	4	4	3.2
		F	3	1	1	1	1	1	1	0	0	1
Heuchera villosa hybrid	Carnival Cocomint	P	5	5	5	5	5	5	4.5	5	5	4.7
		F	1	0	0	0	0	0	0	0	0	0.1
Heuchera villosa hybrid	Carnival Plum Crazy	P	5	5	5	5	5	5	5	4.5	5	4.8
		F	1	3	3	3	3	3	3	3	2	2.7
Heuchera villosa hybrid	Carnival Rose Granita	P	5	5	5	5	5	5	5	5	4.5	4.7
		F	3	1	1	1	1	1	2	2	2	1.6
Heuchera villosa hybrid	Carnival Watermelon	P	3	3	3	3	3	4	4	4	3.5	3.3
		F	2.5	2	3	2	2	2	1	1	1	1.8
Hibiscus	SUMMERIFIC® Cherry Chesseecake	P	4	4	5	4	4	4	4	4	4	4.1
		F	0	0	0	1	4	3	1	0	0	1
Iberis	Whiteout	P	3	3	3	3	3	3	3	2	2.5	2.7
		F	1	0	1	1	0	0	0	0	0	0.3
Lavandula angustifolia	SuperBlue	P	2.5	2.5	3	4	3	3	3	3	2.5	2.9
		F	1.5	4	5	3	3	3	4	4	4	3.5
Leucanthemum	Daisy May®	P	3	3	3	3	3	3	3	3	3	2.8
		F	1	4	4.5	3	0	0	0	1	1	1.6
Monarda didyma	Balmy™ Purple	P	3	3	4	3	2	2	2	2	2	2.5
		F	0	1	5	5	1	1	1	1	0	1.7
Muhlenbergia reverchonii 'PUND01S'	UNDAUNTED® Ruby	P	3	3	4	5	5	5	5	4	4	3.9
		F	0	0	0	0	0	0	1	5	5	1.2
Nepeta faassenii	Cat's Meow	P	3	2.5	3	3	4	3	3	4	3	3.2
		F	4	4	3	3	3	2	4	3	2	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

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Penstemon	Blue Riding Hood®	P	3	3	3	3	3	3	3	3	3	2.9
		F	3.5	3	1	0	1	2	3	3	2	2.1
Penstemon	Delft's Blue Riding Hood®	P	3	3	3	3	2	2	2	2	2	2.4
		F	4	3	1	0	1	3	3	2	1	2
Penstemon	Lavender Riding Hood®	P	3	4	3	3	3	3	3	3	3	3.1
		F	4	2	2	1	2	3	3	3	3	2.6
Penstemon	Marble Riding Hood®	P	4	3	3	3.5	3	3	3	3	3	3.1
		F	2	3	2	1	1	1	1	1	1	1.4
Penstemon	Red Riding Hood®	P	4	4	3	2	2	2	2	2	2	2.5
		F	5	4	1	1	1	1	1	1	1	1.8
Perovskia atriplicifolia	CrazyBlue	P	5	5	5	5	5	5	4	4	4	4.8
		F	0	0	2	5	5	4	3	3	3	2.8
Phlox paniculata	Flame® Violet	P	5	5	5	4	5	4	4	4	3.5	4.3
		F	0	2	5	5	3	2	4	2	1	2.7
Phlox paniculata	Early Pink Dark Eye®	P	5	5	4	3	4	3	3	2.5	2.5	3.6
		F	0	2	5	4	4	3	2	1	0	2.3
Phlox paniculata	Glamour Girl	P	5	5	5	5	5	3	3	3	3	4.2
		F	0	0	2.5	5	2	4	4.5	4	3	2.8
Phlox paniculata	Early Purple®	P	4	5	4	4	3	2	2	1	2	3.1
		F	0	2	3	3	4	2	3	2	1	2.2
Phlox paniculata	Early Dark Pink®	P	5	4	4	4	4	3	2	1	2	3.4
		F	1	4	5	5	5	3	1	1	0	2.8
Phlox paniculata	Flame® Blue	P	5	5	5	4	5	4	4	3	3	4.2
		F	0	1	5	5	2	3	5	4	2	3
Phlox paniculata	Flame® Purple Eye	P	3.5	3	3	3	3	3	3	2	2	2.9
		F	0	0	2	2	4	4	4	2	1	2.1
Phlox paniculata	Flame® Coral	P	3	3	3	3	3	2	2	1	1	2.3
		F	0	0	2	2	1	1	1	0	0	0.8
Phlox paniculata	Flame® Pink Eye	P	5	5	5	5	5	3	4	3	3	4.3
		F	0	0	1	1	5	4	4.5	5	3	2.6

\*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.

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NP = Not Present/Planted

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Phlox paniculata	Flame® Pink	P	5	5	5	4	5	4	3	2	2	4
		F	0	3	5	5	4	4	4	4	1	1
Phlox paniculata	Flame® White Eye	P	5	5	5	4	4	3	3	2	2	3.8
		F	0	2	5	5	4	4	2	2	1	1
Phlox paniculata	Early White®	P	3	3	3	4	3	3	2	2	2	2.9
		F	0	0	3	5	4	2	1	1	0	0
Phlox subulata	Early Spring® Light Pink	P	5	5	5	5	5	4	4	5	5	4.6
		F	0	0	0	0	0	0	0	0	0	0
Phlox subulata	Early Spring® Dark Pink	P	5	5	5	5	5	5	4	4	4	4.5
		F	1	0	0	0	0	0	0	0	0	0
Phlox subulata	Early Spring® Purple	P	2.5	2	2	2.5	3	2	2.5	2.5	3	2.3
		F	0	0	0	0	0	0	1	1	2	0.4
Phlox subulata	Early Spring® Blue	P	3	4	3	3	3	2.5	3	2.5	3	2.8
		F	0	0	0	0	0	0	1	1	1	0.3
Phlox subulata	Early Spring® Lavender	P	5	5	5	5	4	3	3.5	3	3	3.9
		F	0	0	0	0	0	0	0	0	0	0
Rosa	Black Forest™	P	3	3	3	4	3	3	3	4	4	3.3
		F	1	3	4	3.5	3	2	2	3.5	4	2.9
Solidago 'Barseven'	Sweety®	P	5	5	5	5	4	3	3	3	3	4.1
		F	0	0	1	2	5	2	1	1	1.5	1.5
Veronica longifolia	Vernique™ Deep Blue	P	2.5	2	2	3	3	2	2	2	2	2.3
		F	2	4	2	2	2	3	3	2	2	2.4

\*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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Achillea	Little Moonshine	Blooms of Bressingham	Yellow	H: 23 W: 35	2015
	Rating June: 4	Comments: Plants vigorous but not uniform, flower cover 50%			
	Rating July: 4	Comments: Flower stalks lodged, new growth in center looks dense			
	Rating Aug.: 3.8	Comments: Some lodging, spent flowers brown			
	Rating Sept.: 4	Comments: Some lodging, overall bright color effect			
<b># Planted: 18</b>					
<b>% Survived: 83</b>					
	Additional Comments:				
Agastache	Little Adder	Darwin Perennials	Light purpl	H: 27 W: 22	2015
	Rating June: 2	Comments: Healthy and vigorous			
	Rating July: 2	Comments: One plant died, maybe from fungus. One mostly dead, the rest are just starting to flower			
	Rating Aug.: 2.5	Comments: Some fungus, plants are open and lodging			
	Rating Sept.: 2.5	Comments: Sparse plants, flowers fading			
<b># Planted: 20</b>					
<b>% Survived: 40</b>					
	Additional Comments:				
Alstroemeria	Inticancha® Indian Summer	HilverdaKooij	Yellow, orange and red	H: 18.5 W: 16	2015
	Rating June: 5	Comments: Plants vigorous and dense, if not uniform, flower cover sparse, but even. Showy yellow and orange with deep red markings			
	Rating July: 4	Comments: Some lodging, flowers showy and exotic, 50% cover			
	Rating Aug.: 4.3	Comments: Some lodging, very showy flowers			
	Rating Sept.: 4.4	Comments: Some lodging, overall still amazing flower effect			
<b># Planted: 18</b>					
<b>% Survived: 67</b>					
	Additional Comments:				
Alstroemeria	Inticancha® Summer Breeze	HilverdaKooij	Yellow, white and orange	H: 50 W: 44.5	2015
	Rating June: 2	Comments: Plants healthy but irregular, starting to bloom			
	Rating July: 4	Comments: Some lodging, flowers showy and exotic, 50% cover			
	Rating Aug.: 4.2	Comments: Some lodging, very showy flowers			
	Rating Sept.: 4.5	Comments: Some lodging, overall still amazing flower effect			
<b># Planted: 18</b>					
<b>% Survived: 94</b>					
	Additional Comments:				
Dianthus	Odessa Red	Bartels	Red	H: 18 W: 25	2015
	Rating June: 4	Comments: Small and sparse, irregular, flower cover 15%			
	Rating July: 4	Comments: Sparse, small, few flowers			
	Rating Aug.: 2.3	Comments: Sparse plant and flowers			
	Rating Sept.: 1.8	Comments: Sparse, few flowers			
<b># Planted: 6</b>					
<b>% Survived: 67</b>					
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Dianthus	Sunflor Allura Red	Bartels	Red	H: 17.5 W: 30	2015
	Rating June: 1	Comments: Plants irregular and sparse, with rabbit and leaf miner damage, one plant starting to bloom			
	Rating July: 1	Comments: Sparse, small			
	Rating Aug.: 1	Comments: Sparse plant and flowers, rabbit damage			
	Rating Sept.: 1.5	Comments: Sparse, irregular plants			
	<b># Planted: 6</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Dianthus	Sunflor Luigi	Bartels	Light orange	H: 14.5 W: 19.5	2015
	Rating June: 2	Comments: Very sparse and small, one plant starting to bloom			
	Rating July: 2	Comments: Sparse, small			
	Rating Aug.: 0.5	Comments: Sparse plant and no flowers, rabbit damage			
	Rating Sept.: 0.5	Comments: Almost dead			
	<b># Planted: 6</b>				
	<b>% Survived: 83</b>				
	Additional Comments:				
Dianthus	Odessa Bling Bling	Bartels	Pale yellow	H: 24 W: 33.5	2015
	Rating June: 3	Comments: Most plants are healthy, dense and compact, one very small, just starting to flower			
	Rating July: 3	Comments: Irregular plants, a few flowers			
	Rating Aug.: 2.5	Comments: Irregular plants, flower cover fairly even			
	Rating Sept.: 2.4	Comments: Some foliage browning			
	<b># Planted: 6</b>				
	<b>% Survived: 67</b>				
	Additional Comments:				
Dianthus	Odessa Pure	Bartels	White	H: 16 W: 40	2015
	Rating June: 3	Comments: Plants healthy but irregular, starting to bloom			
	Rating July: 3	Comments: Healthy, flower cover 25%+			
	Rating Aug.: 2.8	Comments: Irregular plants, flower cover fairly even			
	Rating Sept.: 2.3	Comments: Dense but not uniform, sparse but well distributed flowers			
	<b># Planted: 6</b>				
	<b>% Survived: 83</b>				
	Additional Comments:				
Dianthus	Odessa Easy Pink	Bartels	Pink	H: 18 W: 13.5	2015
	Rating June: 3	Comments: Plants healthy but very irregular, starting to bloom			
	Rating July: 3	Comments: Very irregular plants			
	Rating Aug.: 2.7	Comments: Irregular plants, sparse flowers			
	Rating Sept.: 2.4	Comments: Lower foliage brown and dry			
	<b># Planted: 6</b>				
	<b>% Survived: 83</b>				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Dianthus	Kahori®	Bartels	Dark pink	H: 16 W: 20.5	2015
	Rating June: 5	Comments: Dense, compact and uniform, flower cover 25%+			
	Rating July: 4	Comments: Dense, uniform plants with uniform, though sparse flower coverage			
	Rating Aug.: 4	Comments: Dense, uniform, dense flower cover, some minor chlorosis			
	Rating Sept.: 4.1	Comments: Uniform, dense mats, some minor chlorosis			
	<b># Planted: 6</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Dianthus	Sunflor Fygi	Bartels	Pink	H: 14 W: 15.5	2015
	Rating June: 4	Comments: Plants dense, compact and uniform with 90% flower cover			
	Rating July: 4	Comments: Healthy, fairly uniform			
	Rating Aug.: 2.8	Comments: Fairly uniform plants, sparse flowers			
	Rating Sept.: 1.8	Comments: Foliage drying, but plants uniform			
	<b># Planted: 6</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Dianthus	Sunflor Sofia	Bartels	Red and white	H: 12.5 W: 19.5	2015
	Rating June: 4	Comments: Healthy and dense but not uniform, flower cover 75%			
	Rating July: 4	Comments: Healthy, but irregular			
	Rating Aug.: 2.7	Comments: Irregular plants, sparse flowers			
	Rating Sept.: 2.9	Comments: Plants not uniform, flowers sparse, but evenly distributed			
	<b># Planted: 6</b>				
	<b>% Survived: 83</b>				
	Additional Comments:				
Dianthus	Odessa Pierrot	Bartels	Maroon and white	H: 14 W: 18	2015
	Rating June: 5	Comments: Dense and fairly uniform, flower cover 25%			
	Rating July: 5	Comments: Dense, one flower			
	Rating Aug.: 3.2	Comments: Sparse flowers			
	Rating Sept.: 2.5	Comments: Uniform, few blooms			
	<b># Planted: 6</b>				
	<b>% Survived: 83</b>				
	Additional Comments:				
Dianthus	Odessa Orange Bling Bling	Bartels	Coral orange	H: 26 W: 23	2015
	Rating June: 1	Comments: Small and sparse			
	Rating July: 1	Comments: Sparse, small			
	Rating Aug.: 0.5	Comments: Sparse plant and flowers, rabbit damage			
	Rating Sept.: 0.8	Comments: Very sparse, one more plant died			
	<b># Planted: 6</b>				
	<b>% Survived: 67</b>				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Echinacea	Moodz® Awake	HilverdaKooij	Pink/purple	H: 21	W: 20	2015
	Rating June: 2	Comments: A few nice dense plants in the row, a few very sparse, just starting to flower				
	Rating July: 4	Comments: Front plant might be a volunteer, test plants much smaller				
	Rating Aug.: 3.2	Comments: A few plants look like they have aster yellows				
	Rating Sept.: 2.5	Comments: Aster yellows on many plants				
	<b># Planted: 20</b>					
	<b>% Survived: 70</b>					
	Additional Comments:	Most plants in row show symptoms of aster yellows. 9/16/17				
Echinacea	Moodz® Joy	HilverdaKooij	Pink/orange	H: 43	W: 39	2015
	Rating June: 2	Comments: Plants vary in size and vigor				
	Rating July: 5	Comments: Dense, vigorous, flower cover 75%				
	Rating Aug.: 3.8	Comments: Lodging on some plants, attractive, unique flower color				
	Rating Sept.: 2.4	Comments: Most in row have aster yellows, still blooming some				
	<b># Planted: 18</b>					
	<b>% Survived: 83</b>					
	Additional Comments:	Two plants removed with severe aster yellows. Others in row show symptoms also. Noted 9/16/16.				
Echinacea	Moodz® Cosy	HilverdaKooij	Light pink/purple	H: 12.5	W: 18	2015
	Rating June: 2	Comments: Most plants are healthy, dense and compact, a few very small, just starting to flower				
	Rating July: 4	Comments: Dense, compact, one plant has some dead stalks				
	Rating Aug.: 3.3	Comments: Many plants look like they have aster yellows				
	Rating Sept.: 2.8	Comments: Aster yellows on many plants				
	<b># Planted: 18</b>					
	<b>% Survived: 61</b>					
	Additional Comments:	Most plants in row show symptoms of aster yellows. 9/16/18				
Echinacea	Moodz® In Love	HilverdaKooij	Pink	H: 32	W: 24.5	2015
	Rating June: 2	Comments: Plants vary from tiny and sparse to large and budding. Flowers just starting				
	Rating July: 5	Comments: Dense, mostly uniform, profuse flowers				
	Rating Aug.: 4.5	Comments: Minor lodging, flower cover dense				
	Rating Sept.: 3.5	Comments: Most in row have aster yellows, still blooming strongly				
	<b># Planted: 18</b>					
	<b>% Survived: 100</b>					
	Additional Comments:	Most plants in row show symptoms of aster yellows noted 9/16/16.				
Echinacea	Moodz® Shiny	HilverdaKooij	Light yellow	H: 16	W: 13	2015
	Rating June: 2	Comments: Plants vary dramatically in size and vigor				
	Rating July: 2	Comments: One plant in row is test variety, others were removed because they were volunteer rudbeckia				
	Rating Aug.: 3	Comments: Lodging, possible signs of aster yellows				
	Rating Sept.: 2	Comments: Aster yellows on both plants				
	<b># Planted: 18</b>					
	<b>% Survived: 44</b>					
	Additional Comments:	Most plants in row show symptoms of aster yellows. 9/16/19				

\*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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Gaura	Grace™ Haze	Danziger	White	H: 14.5 W: 18.5	2015
	Rating June: 4	Comments: Mostly dense and vigorous, a few plants remain sparse, flowers just starting, but flower cover irregular			
	Rating July: 4	Comments: Vigorous, only about 10% flower cover			
	Rating Aug.: 3	Comments: Severe lodging, only two plants flowering in row			
	Rating Sept.: 3.6	Comments: Great flower effect, plants lodging severely			
	<b># Planted: 20</b>				
	<b>% Survived: 85</b>				
	Additional Comments:				
Geranium oxonianum	Miss Heidi	Darwin Perennials	Pink	H: 34 W: 28	2015
	Rating June: 4	Comments: Plants large, leggy and lodged, flower cover 50%			
	Rating July: 4	Comments: Vigorous, had to cut back a bit to rescue neighbors, flowers profuse			
	Rating Aug.: 3.3	Comments: Flower stalks leggy, new foliage dense and lush			
	Rating Sept.: 2.3	Comments: Mostly done flowering			
	<b># Planted: 12</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Geranium pratense	Summer Skies	Blooms of Bressingham	White	H: 3.5 W: 7.75	2015
	Rating June: 4	Comments: Vigorous and mostly uniform, flower cover 25%			
	Rating July: 4	Comments: Sparse from being shaded by neighbor, one plant still flowering			
	Rating Aug.: 2.5	Comments: Foliage color holding nicely			
	Rating Sept.: 2	Comments: Great dark foliage, uniform plant size			
	<b># Planted: 10</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Geum	Fire Storm	Terra Nova Nurseries	Orange	H: 6.5 W: 6	2015
	Rating June: 2	Comments: Most plants healthy and vigorous, a few were covered by neighboring plants, still sparse, a couple flowers			
	Rating July: 2	Comments: Most plants dense and vigorous, those previously shaded by neighbor look chlorotic			
	Rating Aug.: 2	Comments: Dense healthy foliage			
	Rating Sept.: 2.3	Comments: Dense, lush, some insect damage			
	<b># Planted: 18</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Heliopsis helianthoides	Double Sunstruck	Darwin Perennials	Yellow	H: 4 W: 3.25	2015
	Rating June: 3	Comments: Plants vary in size and vigor, flower cover irregular			
	Rating July: 4	Comments: A few plants flowering and looking nice, some still quite small			
	Rating Aug.: 2.7	Comments: Foliage remains bright, plants have low vigor			
	Rating Sept.: 2.3	Comments: Low vigor, a few new flowers			
	<b># Planted: 18</b>				
	<b>% Survived: 33</b>				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Helleborus	Winterbells®	HilverdaKooij	Greenish white	H: 8 W: 13.5	2015
	Rating June: 2	Comments: Dense and mostly uniform, foliage not covering flowers as on other hellebores			
	Rating July: 2	Comments: Dense and mostly uniform, flowers still pale green			
	Rating Aug.: 1.5	Comments: One plant looks a little chlorotic, others very healthy, dense and blooming			
	Rating Sept.: 3	Comments: Dense, mostly uniform, flowering still			
	<b># Planted:</b> 13				
	<b>% Survived:</b> 100				
	Additional Comments:				
Helleborus 'H 0251'	Snow Crystal®	HilverdaKooij	White	H: 9 W: 11.75	2015
	Rating June: 5	Comments: Sparse, small plants. Deadheaded last week since they were turning brown and making the whole plant look sickly			
	Rating July: 5	Comments: New growth looking pretty healthy, plants irregular			
	Rating Aug.: 2.7	Comments: Becoming more dense, new leaves distorted, but good green color			
	Rating Sept.: 1.6	Comments: Dense, bright green foliage			
	<b># Planted:</b> 24				
	<b>% Survived:</b> 54				
	Additional Comments:				
Heuchera	Black Taffeta	Terra Nova Nurseries	Pale pink	H: 5 W: 15.5	2015
	Rating June: 4	Comments: Dense, mostly uniform, nice shiny leaf color with contrasting light pink flower 25%			
	Rating July: 4	Comments: Dense, lush, uniform, a few flowers left			
	Rating Aug.: 3	Comments: Dense, uniform			
	Rating Sept.: 2.6	Comments: Dense, dark foliage			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:				
Heuchera	Glitter	Terra Nova Nurseries	Dark pink	H: 11 W: 17.5	2015
	Rating June: 4	Comments: Plants small, but healthy, flowers showy pink, 75%			
	Rating July: 4	Comments: Mostly uniform, with flower coverage around 50%			
	Rating Aug.: 2.7	Comments: Small, but mostly uniform			
	Rating Sept.: 3.1	Comments: Uniform, compact, nice flower color still			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 85				
	Additional Comments:				
Heuchera sanguinea	Frosty Morn	Darwin Perennials	Bright pink	H: 7 W: 11.25	2015
	Rating June: 3	Comments: Dense, vigorous and uniform, flower cover 50%+ with great bright pink color			
	Rating July: 3	Comments: Dense, compact, mostly uniform, flowers bright, winding down			
	Rating Aug.: 2.3	Comments: Compact, uniform, nice variegation			
	Rating Sept.: 2.8	Comments: Some leaves drying slightly			
	<b># Planted:</b> 21				
	<b>% Survived:</b> 62				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Heuchera villosa hybrid	Carnival Black Olive	Darwin Perennials	Pale pink	H: 9    W: 12.75	2015
	Rating June: 2	Comments: Foliage rich and dark, plants vigorous, mostly uniform, flowers sparse and not showy			
	Rating July: 2	Comments: Mostly uniform, rich leaf color, flowers present but not showy			
	Rating Aug.: 1.3	Comments: Rich leaf color, mostly uniform, flowers not showy			
	Rating Sept.: 3.5	Comments: Insect damage on edges of leaves			
<b># Planted: 20</b>					
<b>% Survived: 65</b>	Additional Comments:				
Heuchera villosa hybrid	Carnival Candy Apple	Darwin Perennials	Pale pink	H: 7    W: 11	2015
	Rating June: 2	Comments: Dense, vigorous and uniform, flowers nice light pink, 25%			
	Rating July: 2	Comments: Rich leaf color, a few flowers yet, nice light pink against foliage			
	Rating Aug.: 1.5	Comments: Nice color variety in leaves: reds and greens, flowers contrast well			
	Rating Sept.: 3.8	Comments: Wide leaf color variation, flowers contrast well			
<b># Planted: 18</b>					
<b>% Survived: 67</b>	Additional Comments:				
Heucherella	Honey Rose	Terra Nova Nurseries	White	H: 7.5    W: 7.75	2015
	Rating June: 4	Comments: Sparse, small, very few flowers			
	Rating July: 4	Comments: Sparse with a few flowers			
	Rating Aug.: 1.8	Comments: Sparse, irregular			
	Rating Sept.: 1.1	Comments: Sparse, irregular			
<b># Planted: 16</b>					
<b>% Survived: 25</b>	Additional Comments:				
Hosta	Shadowland™ Coast to Coast	Walter's Gardens/Proven Winners	White/pale lavender	H: 21    W: 22.5	2015
	Rating June: 4	Comments: Dense, fairly uniform, not all plants flowering, but flowers are nice, showy white			
	Rating July: 4	Comments: Mostly dense, a few flowers left			
	Rating Aug.: 2.5	Comments: One plant has some leaf burn			
	Rating Sept.: 1.4	Comments: Some leaf scorch			
<b># Planted: 18</b>					
<b>% Survived: 67</b>	Additional Comments:				
Kniphofia	Papaya Popsicle	Terra Nova Nurseries	Orange and yellow	H: 24    W: 22.5	2015
	Rating June: 2	Comments: Dense and uniform			
	Rating July: 2	Comments: Dense, uniform			
	Rating Aug.: 2.7	Comments: Foliage lodged, flowers bright and upright			
	Rating Sept.: 1.5	Comments: Plants lodged, a few flowers			
<b># Planted: 20</b>					
<b>% Survived: 100</b>	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Lavandula	Phenomenal™ Aster Kickin Purple	Cultivaris	Lavender	H: 16 W: 15.25	2015
	Rating June: 4	Comments: Dense, vigorous and uniform, buds cover entire plant, but not open yet			
	Rating July: 4	Comments: Dense and vigorous, but flower stalks starting to lodge a little			
	Rating Aug.: 3.7	Comments: Flower stalks lodged and color faded			
	Rating Sept.: 2	Comments: Dense, a few stray flowers since being deadheaded			
	<b># Planted:</b> 20				
	<b>% Survived:</b> 100				
	Additional Comments:	Row was cut back 8/26/16			
Lavandula	Platinum Blonde™	Cultivaris	Pale lavender	H: 15 W: 14.5	2015
	Rating June: 3	Comments: Plants mostly recovering from winter dieback, just starting to bud			
	Rating July: 3	Comments: Most plants dense and uniform, lots of buds but not a lot of color yet			
	Rating Aug.: 3.2	Comments: Leaf color remains bright, flowers pale, but upright			
	Rating Sept.: 2.1	Comments: Dense, maintaining foliage color, blooms faded			
	<b># Planted:</b>				
	<b>% Survived:</b> 0				
	Additional Comments:				
Lychnis flos-cuculi	Petite Jenny	Blooms of Bressingham	Light pink	H: 21 W: 18.5	2015
	Rating June: 3	Comments: Plants lodged, some look like they are dying, probably have aster yellows			
	Rating July: 3	Comments: Two plants look sickly, but others dense and uniform			
	Rating Aug.: 2.7	Comments: Some more plants look like they have aster yellows			
	Rating Sept.: 2	Comments: Some insect damage makes foliage look ragged			
	<b># Planted:</b> 18				
	<b>% Survived:</b> 100				
	Additional Comments:	Removed 3 plants with severe signs of Aster Yellows(6/10/2016) 3 more plants removed that were nearly dead, infected with aster yellows 7/1/2016.			
Monarda	Balmy™ Pink	Darwin Perennials	Pink	H: 26 W: 31.5	2015
	Rating June: 1	Comments: Plants dense and vigorous, though not uniform, flower cover just starting.			
	Rating July: 3	Comments: Dense, not uniform, flower cover 100%			
	Rating Aug.: 2.5	Comments: Severe mildew			
	Rating Sept.: 1.5	Comments: Mildew, new growth looks healthy, a few stray flowers			
	<b># Planted:</b> 8				
	<b>% Survived:</b> 100				
	Additional Comments:				
Monarda	Balmy™ Rose	Darwin Perennials	Fuchsia	H: 18 W: 23.75	2015
	Rating June: 2	Comments: Plants dense and vigorous, though not uniform			
	Rating July: 4	Comments: Dense, not uniform, flower cover 100%			
	Rating Aug.: 2.8	Comments: Severe mildew			
	Rating Sept.: 1.5	Comments: Mildew, new growth looks healthy, a few stray flowers			
	<b># Planted:</b> 26				
	<b>% Survived:</b> 15				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Monarda	Balmy™ Lilac	Darwin Perennials	Purple	H: 28 W: 37.5	2015
	Rating June: 2	Comments: Plants dense and vigorous, though not uniform, flower cover just starting.			
	Rating July: 4	Comments: Dense, not uniform, flower cover 100%			
	Rating Aug.: 2.5	Comments: Severe mildew			
	Rating Sept.: 1.5	Comments: Mildew, new growth looks healthy, a few stray flowers			
	<b># Planted: 10</b>				
	<b>% Survived: 90</b>				
	Additional Comments:				
Monarda	Leading Lady Lilac	Walters Gardens/ Proven Winners	Lavender	H: 12 W: 20.5	2015
	Rating June: 4	Comments: Vigorous and mostly uniform, flower cover 75%			
	Rating July: 4	Comments: Some powdery mildew, new growth looks a little chlorotic			
	Rating Aug.: 1.5	Comments: Powdery mildew, new growth looks ok			
	Rating Sept.: 1.1	Comments: All new growth looks healthy, less mildew than earlier in year			
	<b># Planted: 5</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Monardella macrantha 'Marian	Hummingbird Trumpet Mint	Plant Select®	Red	H: 28 W: 29.5	2015
	Rating June: 4	Comments: Small and sparse, delicate stems make it hard to weed without breaking, flowers sparse but showy			
	Rating July: 4	Comments: Small, sparse, chlorotic foliage, flower cover 25%			
	Rating Aug.: 1.8	Comments: Small, chlorotic, sparse			
	Rating Sept.: 1.8	Comments: Chlorotic, sparse			
	<b># Planted: 18</b>				
	<b>% Survived: 89</b>				
	Additional Comments:				
Nepeta	Aroma Violet	Danziger	Purple	H: 21 W: 21	2015
	Rating June: 5	Comments: Dense, vigorous and uniform, flowers fading, but still profuse			
	Rating July: 5	Comments: Dense with no lodging, staying compact, flower cover still strong			
	Rating Aug.: 3.5	Comments: Lots of chlorosis			
	Rating Sept.: 2.9	Comments: Chlorosis, flowers slowing down			
	<b># Planted: 12</b>				
	<b>% Survived: 100</b>				
	Additional Comments:				
Nepeta	Purple Haze	Terra Nova Nurseries	Light purple	H: 28 W: 34	2015
	Rating June: 4	Comments: Plants splayed out from center, flower cover would be 75%+ if plants not lodged			
	Rating July: 4	Comments: Recently deadheaded, dense with nice blue leaf color on new growth, a few flowers			
	Rating Aug.: 3.2	Comments: Spots of chlorosis, flowers not very showy, but nice thick mat of foliage			
	Rating Sept.: 3.9	Comments: Very vigorous, color effect nice overall			
	<b># Planted: 22</b>				
	<b>% Survived: 95</b>				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Panicum virgatum	Hot Rod	Eason Horticulture Resources	NA	H: 35 W: 21	2015
	Rating June: 2	Comments: Plants vary in size, but only one is vigorous, the rest remain small			
	Rating July: 2	Comments: Small still, showing signs of spider mites			
	Rating Aug.: 2.7	Comments: Size varies, foliage starting to redden, mite damage			
	Rating Sept.: 3.3	Comments: Foliage deep red, plumes similar in color			
	<b># Planted:</b> 27				
	<b>% Survived:</b> 100				
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Panicum virgatum	Cape Breeze	North Creek Nurseries	Khaki	H: 44 W: 46	2015
	Rating June: 2	Comments: Vigorous and dense, mostly uniform			
	Rating July: 2	Comments: Vigorous, covered in plumes but still held in between foliage a bit			
	Rating Aug.: 4	Comments: Dense, completely covered in plumes			
	Rating Sept.: 5	Comments: Few plants in back of row are sparse and lodging which are in more shade			
	<b># Planted:</b> 24				
	<b>% Survived:</b> 100				
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	Cha Cha™ Hot Pink	Terra Nova Nurseries	Bright pink	H: 25 W: 18	2015
	Rating June: 4	Comments: Most plants healthy and vigorous, but irregular, flower cover 25%			
	Rating July: 5	Comments: Dense, healthy, a few flowers			
	Rating Aug.: 3.5	Comments: Lodging, new buds since deadheading			
	Rating Sept.: 3.1	Comments: Dense but lodging, flowers very showy			
	<b># Planted:</b> 18				
	<b>% Survived:</b> 0				
	Additional Comments:				
Penstemon barbatus	Coral Baby	Plant Select®	Dark coral	H: 11 W: 14	2015
	Rating June: 5	Comments: Vigorous and mostly uniform, flower cover 75% and fading			
	Rating July: 2	Comments: No new growth since deadheaded			
	Rating Aug.: 2.2	Comments: Reblooming since cut back, but flower stalks short, some fungus			
	Rating Sept.: 3.3	Comments: Nice rebloom, older foliage looks a little sickly, new foliage healthy			
	<b># Planted:</b> 21				
	<b>% Survived:</b> 100				
	Additional Comments:	Severe fungus on entire variety. Sprayed with Heritage 5g/4gal 8/9/16, other penstemon varieties sprayed preventatively. Cut back to new growth at base to remove infected leaves, 8/18/16, second application 8/23/16.			
Penstemon 'Novapenname'	Amethyst Quartz™	Star Roses and Plants/ The Conard-Pyle Co.	Light purple with white throat	H: 20 W: 30.5	2015
	Rating June: 5	Comments: Vigorous and mostly uniform, flower cover 90%			
	Rating July: 4	Comments: Recently deadheaded, lots of new growth			
	Rating Aug.: 2.8	Comments: Minor fungus, lots of new buds and blooms			
	Rating Sept.: 4.4	Comments: Dense and floriferous			
	<b># Planted:</b> 21				
	<b>% Survived:</b> 95				
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			

\*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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Penstemon 'Novapenbel'	Little Bells™	Star Roses and Plants/ The Conard-Pyle Co.	Purple	H: 18    W: 22.5	2015
	Rating June: 4	Comments: Vigorous and mostly uniform, flower cover 75% and fading			
	Rating July: 4	Comments: Flower cover uniform, but sparse, signs of fungus on most plants (leaf spots)			
	Rating Aug.: 2.5	Comments: Sparse, new growth looks pretty healthy			
	Rating Sept.: 2.5	Comments: Healthy, reblooming since cut back			
<b># Planted:</b> 21					
<b>% Survived:</b> 100					
	Additional Comments:				
Penstemon 'Novapenpin'	Pink Rock Candy™	Star Roses and Plants/ The Conard-Pyle Co.	Pink	H: 14    W: 23.5	2015
	Rating June: 4	Comments: Vigorous and mostly uniform, flower cover 75% and fading			
	Rating July: 4	Comments: Mostly healthy and dense, a few flowers			
	Rating Aug.: 3.5	Comments: Some chlorosis, some lodging flower stalks			
	Rating Sept.: 3.8	Comments: Flowers profuse, but lodged, some chlorosis, plants dense			
<b># Planted:</b> 16					
<b>% Survived:</b> 0					
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon 'Novapenpur'	Purple Rock Candy™	Star Roses and Plants/ The Conard-Pyle Co.	Dark purple	H: 24    W: 21	2015
	Rating June: 4	Comments: Healthy though irregular plants, flowers fading to 25%			
	Rating July: 2	Comments: Small and somewhat sparse, a few flowers			
	Rating Aug.: 2.3	Comments: Previously deadheaded, dense flower cover, especially for rebloom			
	Rating Sept.: 2.6	Comments: Irregular plants, flowers mostly faded			
<b># Planted:</b> 14					
<b>% Survived:</b> 100					
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon 'Novapenros'	Rose Quartz™	Star Roses and Plants/ The Conard-Pyle Co.	Light pink with white throat	H: 15.5    W: 17	2015
	Rating June: 4	Comments: Plants irregular but healthy, flowers bright and showy, 50%cover			
	Rating July: 4	Comments: Vigorous, flowers still profuse			
	Rating Aug.: 3.7	Comments: Lots of new buds since deadheading			
	Rating Sept.: 3.5	Comments: Dense, very little lodging, continuing to bloom			
<b># Planted:</b> 20					
<b>% Survived:</b> 60					
	Additional Comments:				
Penstemon x mexicali	Carolyn's Hope	Plant Select®	Light pink	H: 16    W: 19.5	2015
	Rating June: 4	Comments: Vigorous and mostly uniform, flower cover 75%			
	Rating July: 5	Comments: Vigorous and healthy, 25%+ flower cover			
	Rating Aug.: 3.2	Comments: Minor fungus, sparse blooms			
	Rating Sept.: 3.8	Comments: Dense with even flower cover			
<b># Planted:</b> 21					
<b>% Survived:</b> 100					
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Perovskia 'Novaperlac'	Little Lace™	Star Roses and Plants/ The Conard-Pyle Co.	Lavender	H: 26 W: 22	2015
	Rating June: 2	Comments: Dense, vigorous and uniform			
	Rating July: 4	Comments: Dense, uniform, floriferous			
	Rating Aug.: 4.3	Comments: Uniform, healthy, profuse blooms			
	Rating Sept.: 4.5	Comments: Still quite a bit of color, staying compact			
	<b># Planted:</b> 18				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox	Spring Purple®	Bartels	Purple	H: 5 W: 10.5	2015
	Rating June: 2	Comments: Dense, vigorous and filled in			
	Rating July: 2	Comments: Vigorous and mostly filled in			
	Rating Aug.: 1.8	Comments: Dense, a few flowers			
	Rating Sept.: 2.5	Comments: Some burn, a few flowers			
	<b># Planted:</b> 6				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox	Spring White®	Bartels	White	H: 19 W: 35	2015
	Rating June: 2	Comments: Dense, vigorous and filled in			
	Rating July: 2	Comments: Vigorous and filled in			
	Rating Aug.: 1.8	Comments: Nice dense mat			
	Rating Sept.: 2.3	Comments: Dense, full			
	<b># Planted:</b> 6				
	<b>% Survived:</b> 83				
	Additional Comments:				
Phlox	Spring Lavender®	Bartels	Lavender	H: 22 W: 43	2015
	Rating June: 2	Comments: Dense, vigorous and filled in			
	Rating July: 2	Comments: Vigorous and filled in			
	Rating Aug.: 2	Comments: Dense, a few flowers			
	Rating Sept.: 3	Comments: Dense, a few flowers			
	<b># Planted:</b> 6				
	<b>% Survived:</b> 100				
	Additional Comments:				
Phlox	Spring Blue®	Bartels	Pale blue	H: 18 W: 27.5	2015
	Rating June: 2	Comments: Dense, vigorous, but not uniform			
	Rating July: 2	Comments: Vigorous and mostly filled in			
	Rating Aug.: 2	Comments: Dense, a few flowers			
	Rating Sept.: 2.5	Comments: Dense, a few flowers			
	<b># Planted:</b> 6				
	<b>% Survived:</b> 100				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Phlox	Spring Dark Pink®	Bartels	Dark pink	H: 19 W: 35	2015
	Rating June: 2	Comments: Dense, vigorous, mostly uniform			
	Rating July: 2	Comments: Vigorous and filled in			
	Rating Aug.: 2	Comments: Very dense mat			
	Rating Sept.: 2	Comments: Dense and full			
<b># Planted:</b>	6				
<b>% Survived:</b>	100				
	Additional Comments:				
Phlox	Spring Light Pink®	Bartels	Pink	H: 18 W: 34	2015
	Rating June: 2	Comments: Dense, vigorous, but not uniform			
	Rating July: 2	Comments: Vigorous and mostly filled in			
	Rating Aug.: 1.3	Comments: Less vigorous than other phlox planted at the same time			
	Rating Sept.: 1.5	Comments: Dense, low vigor			
<b># Planted:</b>	6				
<b>% Survived:</b>	83				
	Additional Comments:				
Phlox paniculata	Flame® Blue	Bartels	Pale blue	H: 9 W: 22.5	2015
	Rating June: 2	Comments: Dense, vigorous and uniform, flowers just starting			
	Rating July: 4	Comments: Vigorous, floriferous			
	Rating Aug.: 3.8	Comments: Uniform plants, many flowers			
	Rating Sept.: 3.5	Comments: Dense, erect, floriferous, no lodging			
<b># Planted:</b>	6				
<b>% Survived:</b>	100				
	Additional Comments:				
Phlox paniculata	Early White®	Bartels	White with pink eye	H: 6 W: 19.5	2015
	Rating June: 4	Comments: Plants irregular, but recovering from rabbit damage, two in row flowering			
	Rating July: 4	Comments: Flowers look like 'Early Light Pink' with a few dark pink. Mislabeled?			
	Rating Aug.: 2.2	Comments: One plant in row not flowering			
	Rating Sept.: 3.3	Comments: Irregular			
<b># Planted:</b>	6				
<b>% Survived:</b>	100				
	Additional Comments:				
Phlox paniculata	Early Purple®	Bartels	Purple	H: 9 W: 23.5	2015
	Rating June: 2	Comments: Small and sparse, recovering from rabbit demolition			
	Rating July: 2	Comments: Recovering from severe rabbit damage, a few flowers starting			
	Rating Aug.: 1.8	Comments: Recovering well from early rabbit damage, dense and short, but flowering			
	Rating Sept.: 2.5	Comments: Dense, some blooms			
<b># Planted:</b>	6				
<b>% Survived:</b>	83				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Phlox paniculata	Early Light Pink®	Bartels	Light pink	H: 10	W: 22	2015
	Rating June: 5	Comments:	Plants vary from tiny and sparse with rabbit damage, to large and flowering with some lodging. Flower cover 75% on most plants			
	Rating July: 4	Comments:	A few plants recovering from rabbit damage, one plant has dark pink flowers			
	Rating Aug.: 3.2	Comments:	Some chlorosis and lodging, some mutation/reversion to dark pink			
	Rating Sept.: 2.4	Comments:	Minor mildew, a few sickly, yellowing plants in row			
	<b># Planted: 6</b>					
	<b>% Survived: 100</b>					
	Additional Comments:					
Phlox paniculata	Early Pink Dark Eye®	Bartels	Pink with dark eye	H: 11	W: 23.5	2015
	Rating June: 2	Comments:	Vigorous and mostly uniform, flower cover 25%			
	Rating July: 4	Comments:	Vigorous, floriferous			
	Rating Aug.: 3.7	Comments:	Irregular with some chlorosis, good flower cover			
	Rating Sept.: 2.1	Comments:	Irregular, cut back one yellowing sickly plant			
	<b># Planted: 6</b>					
	<b>% Survived: 100</b>					
	Additional Comments:					
Polemonium reptans	Jacobs Gold	Blooms of Bressingham	Pale blue	H: 10	W: 24	2015
	Rating June: 2	Comments:	Dense, vigorous, mostly uniform. Deadheaded last week, looking full and lush			
	Rating July: 2	Comments:	Dense, mostly uniform, nice clean mounds			
	Rating Aug.: 1.8	Comments:	Dense, lush mounds of foliage			
	Rating Sept.: 2.3	Comments:	Dense, lush, some insect damage			
	<b># Planted: 18</b>					
	<b>% Survived: 100</b>					
	Additional Comments:					
Salvia	Salute Pink®	Bartels	Pink	H: 16	W: 15.5	2015
	Rating June: 5	Comments:	Dense, vigorous and uniform, flower cover 50%+			
	Rating July: 5	Comments:	plants dense with no lodging			
	Rating Aug.: 1.7	Comments:	Severe lodging, plants open in center			
	Rating Sept.: 2.1	Comments:	Plants irregular, lodged			
	<b># Planted: 6</b>					
	<b>% Survived: 100</b>					
	Additional Comments:	One plant in row removed because it was not the same variety.				
Salvia	Salute Deep Blue®	Bartels	Dark purple	H: 17	W: 24	2015
	Rating June: 3	Comments:	Plants lodged but healthy, flowers just about gone			
	Rating July: 3	Comments:	some powdery mildew, reblooming some after deadheading			
	Rating Aug.: 2.5	Comments:	Mildew all over, still blooming			
	Rating Sept.: 2.4	Comments:	Severe mildew, lodging			
	<b># Planted: 6</b>					
	<b>% Survived: 100</b>					
	Additional Comments:	Severe case of spider mites when planted out, but recovered over the course of the season.				

\*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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Salvia	Salute Ice blue®	Bartels	Light blue	H: 33    W: 31	2015
	Rating June: 4	Comments: Plants lodged but healthy, flower cover 50%			
	Rating July: 4	Comments: plants open in center, but color still profuse			
	Rating Aug.: 3.5	Comments: Lots of new flowers since deadheading, new growth filled in empty centers			
	Rating Sept.: 3	Comments: Dense, open in center slightly			
<b># Planted:</b>	6				
<b>% Survived:</b>	83				
	Additional Comments:	One plant in row removed because it was not the same variety.			
Salvia nemorosa	Color Spires® Pink Dawn	Walters Gardens/ Proven Winners	Pink	H: 13    W: 13.5	2015
	Rating June: 4	Comments: Dense, uniform and vigorous, deadheaded, second round of flowers budding now			
	Rating July: 5	Comments: dense, no lodging, flower cover still pretty good			
	Rating Aug.: 4.2	Comments: Some lodging, still good flower cover			
	Rating Sept.: 3.4	Comments: Lodging, becoming more irregular			
<b># Planted:</b>	6				
<b>% Survived:</b>	100				
	Additional Comments:	Severe case of spider mites when planted out, but recovered over the course of the season.			
Salvia nemorosa	Color Spires® Violet Riot	Walters Gardens/ Proven Winners	Violet	H: 16    W: 20	2015
	Rating June: 4	Comments: Plants lodged, flower cover 50%			
	Rating July: 4	Comments: Some mildew, reblooming a little since deadheading			
	Rating Aug.: 3	Comments: No lodging since deadheaded, lots of new blooms, some disease present			
	Rating Sept.: 2.6	Comments: Severe lodging, reblooming pretty well			
<b># Planted:</b>	12				
<b>% Survived:</b>	92				
	Additional Comments:	Cut back to new growth at base, foliage was infected with powdery mildew, 8/15/16.			
Salvia nemorosa	Lyrical™ White	Darwin Perennials	White	H: 37    W: 25.5	2015
	Rating June: 4	Comments: Plants open in center, flower cover would be 75%+ if plants not lodged			
	Rating July: 3	Comments: Lodged, but looking better after deadheading, 25% flower cover			
	Rating Aug.: 3	Comments: New growth healthy, chlorosis and maybe insect dmg on older stems			
	Rating Sept.: 3	Comments: Some chlorosis, lodging			
<b># Planted:</b>	10				
<b>% Survived:</b>	100				
	Additional Comments:				
Stokesia laevis	Blue Frills	Blooms of Bressingham	Periwinkle	H: 4.5    W: 14.25	2015
	Rating June: 2	Comments: Small, chlorotic and irregular			
	Rating July: 2	Comments: Chlorosis mostly gone, buds ready to pop			
	Rating Aug.: 2.7	Comments: Some plants melting out, flowers look spectacular			
	Rating Sept.: 2.5	Comments: Sparse plants, chlorosis			
<b># Planted:</b>	18				
<b>% Survived:</b>	0				
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Teucrium	Tickle™ Pink	Danziger	Pink	H: 17 W: 19	2015
	Rating June: 3	Comments: Dense, vigorous and filled in			
	Rating July: 5	Comments: Dense, filled in, flowers somewhat hidden by foliage			
	Rating Aug.: 3.7	Comments: Some areas dying, fungus?			
	Rating Sept.: 2	Comments: Some dieback in areas where too wet, little progression since lowering water			
<b># Planted:</b> 20					
<b>% Survived:</b> 100					
	Additional Comments:				
Veronica	Ronica™ Dark Pink	Danziger	Dark pink	H: 12 W: 18	2015
	Rating June: 4	Comments: Plants vigorous and uniform, flower cover 50%			
	Rating July: 4	Comments: Dense, no lodging or mildew, flower cover still uniform, but stalks are mutated - sort of flat or with multiple tips			
	Rating Aug.: 3.8	Comments: First signs of mildew, many new buds after deadheading			
	Rating Sept.: 3.6	Comments: Some lodging, floriferous			
<b># Planted:</b> 21					
<b>% Survived:</b> 100					
	Additional Comments:				
Veronica 'Novaverblu'	Dark Blue Moody Blues™	Star Roses and Plants/ The Conard-Pyle Co.	Dark blue	H: 10.5 W: 16.75	2015
	Rating June: 4	Comments: Plants vigorous and mostly uniform, flower cover 75%			
	Rating July: 4	Comments: No lodging or mildew, a little sparse from shade, new flower stalks coming out			
	Rating Aug.: 4.3	Comments: Continuing to put on new buds			
	Rating Sept.: 3.6	Comments: Erect, floriferous, some mildew			
<b># Planted:</b> 22					
<b>% Survived:</b> 86					
	Additional Comments:				
Veronica 'Novavermau'	Mauve Moody Blues™	Star Roses and Plants/ The Conard-Pyle Co.	Mauve	H: 6 W: 18	2015
	Rating June: 5	Comments: Plants vigorous and mostly uniform, flower cover 75%			
	Rating July: 4	Comments: Lots of powdery mildew, few flowers left, new growth at base looks healthy			
	Rating Aug.: 2.5	Comments: Healthy new growth since cut back last week			
	Rating Sept.: 3.8	Comments: Erect, floriferous, some mildew			
<b># Planted:</b> 17					
<b>% Survived:</b> 100					
	Additional Comments:				
Veronica 'Novaverpin'	Pink Moody Blues™	Star Roses and Plants/ The Conard-Pyle Co.	Light pink	H: 15 W: 19	2015
	Rating June: 5	Comments: Dense, vigorous and uniform, flower cover 50% a few spikes partially or completely blue			
	Rating July: 5	Comments: Some lodging, no mildew			
	Rating Aug.: 3.8	Comments: No lodging since deadheaded, lots of new flower stalks			
	Rating Sept.: 3.8	Comments: Erect, floriferous, some mildew			
<b># Planted:</b> 23					
<b>% Survived:</b> 96					
	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 2015 Size, Hardiness Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Veronica 'Novaversky'	Sky Blue Moody Blues™	Star Roses and Plants/ The Conard-Pyle Co.	Light blue	H: 27 W: 25	2015
	Rating June: 4	Comments: Dense, vigorous and uniform, flower cover 50%			
	Rating July: 5	Comments: Vigorous, minor lodging, flower cover 75%			
	Rating Aug.: 2.7	Comments: Irregular plants, but putting on lots of new buds since deadheading			
	Rating Sept.: 3.6	Comments: Mostly uniform, very strong rebloom			
<b># Planted:</b> 20					
<b>% Survived:</b> 100					
	Additional Comments:				
Veronica 'Novaverwhi'	White Moody Blues™	Star Roses and Plants/ The Conard-Pyle Co.	White	H: 8 W: 16	2015
	Rating June: 4	Comments: Dense, vigorous and mostly uniform, flower cover 75%+			
	Rating July: 4	Comments: Dense and compact, no lodging, flower cover 50%			
	Rating Aug.: 3.3	Comments: Dense, compact, reblooming after second round of deadheading			
	Rating Sept.: 3.8	Comments: Compact, mostly uniform, still putting up new buds			
<b># Planted:</b> 20					
<b>% Survived:</b> 100					
	Additional Comments:				
Viola cornuta	Celestial™ Midnight	Darwin Perennials	Dark purple	H: 21 W: 23.5	2015
	Rating June: 4	Comments: Sparse, irregular with 25% flower cover or less			
	Rating July: 4	Comments: Getting leggy, a little chlorosis, flowers still nice			
	Rating Aug.: 2.5	Comments: Leggy, chlorotic, continuing to flower			
	Rating Sept.: 2	Comments: Chlorotic, leggy			
<b># Planted:</b> 20					
<b>% Survived:</b> 35					
	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.



## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Achillea	Little Moonshine	P	4	3	2.5	3	3	3	4	4	4	3.3
		F	3	3	3	3	3	4	4	4	3	3.3
Agastache	Little Adder	P	3	3	3	2	2	2	2	2	2	2.3
		F	0	0	0	1	2	2	3	3	1	1.3
Alstroemeria	Inticancha® Indian Summer	P	4	3.5	3	3	4	4	4	4	4	3.8
		F	0	2	3	4	5	5	5	4.5	4	3.6
Alstroemeria	Inticancha® Summer Breeze	P	2.5	2.5	3	3	4	4	4	4	4	3.5
		F	0	1	3	4	5	5	5	5	4.5	3.6
Dianthus	Odessa Red	P	2	2	2	2	2	2	2	2	2	1
		F	3	1	1	1	1	2	2	1	1	1.4
Dianthus	Sunflor Allura Red	P	2	2	2	2	2	2	2	2	2	1.9
		F	0	1	0	0	1	1	1	1	0	0.6
Dianthus	Sunflor Luigi	P	1	1.5	1	1	1	1	1	1	1	1
		F	0	1	0	0	0	0	0	0	0	0.1
Dianthus	Odessa Bling Bling	P	2.5	2.5	2.5	2.5	3	2.5	3	2.5	2.5	2.5
		F	0	1.5	2	1	1	3	2	2	1	1.5
Dianthus	Odessa Pure	P	2.5	2.5	3	3	3	3	3	3	3	2.9
		F	1	1.5	3	2	2	3	1	2	2	1.9
Dianthus	Odessa Easy Pink	P	2.5	2.5	2.5	2.5	3	3	3	2.5	2.5	2.6
		F	2	1.5	1	1	2	2	2	2	2	1.7
Dianthus	Kahori®	P	5	5	5	5	5	4	5	4	5	4.7
		F	5	3	2	3	3	4	3.5	4	4	3.5
Dianthus	Sunflor Fygi	P	4	5	4	4	4	2	2	3	3	3.5
		F	3	5	1	0	1	2	1	1	2	1.8
Dianthus	Sunflor Sofia	P	3	3	3	3	3	3	3	3	3	2.9
		F	0	4	0	1	2	2	3	2.5	3	1.9
Dianthus	Odessa Pierrot	P	4	3	4	4	3	3	4	3	4	3.4
		F	5	2	1	1	1	2	2	1	1.5	1.8
Dianthus	Odessa Orange Bling Bling	P	1	1.5	1	1	1	1	1	1	1	1
		F	0	0	0	0	0	1	1	0	1	0.3

\*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

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Echinacea	Mooodz® Awake	P	2	2.5	3	3	3	3	2	2	2	2.6
		F	0	1	3	3	3	3	3	3	3	3
Echinacea	Mooodz® Joy	P	2.5	3	3	3	3	3	3	2	3	2.9
		F	0	0	2	4	4	4	2.5	2	1	2.2
Echinacea	Mooodz® Cosy	P	2	2.5	3	3	3	3	3	2	3	2.8
		F	0	1	4	4	4	4	3	3	2	2.8
Echinacea	Mooodz® In Love	P	2.5	2.5	3	4	4	3	4	2	4	3.2
		F	0	1	4	5	5	4	4	4	3	3.3
Echinacea	Mooodz® Shiny	P	3	2.5	3	2	3	3	2	2	3	2.7
		F	0	0	2	1	3	3	2	2	2	1.7
Gaura	Grace™ Haze	P	3	2.5	4	4	4	2	2.5	3	3	3.1
		F	0	1	2	1	1	1	4	5	3	2
Geranium oxonianum	Miss Heidi	P	3	2.5	3	4	4	3	3	4	3	3.3
		F	2	3	3	4	2	2	1	1	1	2.1
Geranium pratense	Summer Skies	P	4	4	3	3	3	3	4	4	4	3.3
		F	2	2	1	1	1	1	0	0	0	0.9
Geum	Fire Storm	P	4	2.5	3	3.5	4	3	4	4	4	3.4
		F	2	1	1	1	1	1	1	0	0	0.9
Heliopsis helianthoides	Double Sunstruck	P	2	2	2	2.5	2	2	3	2	2	2.1
		F	0	2	3	2	3	3	2	2	1	2
Helleborus	Winterbells®	P	4	4	4	4	3	3.5	3	4	4	3.6
		F	3	3	3	3	2	0	2	3	3	2.4
Helleborus 'H 0251'	Snow Crystal®	P	2.5	2.5	2.5	3	3	3	3	3.5	3.5	2.8
		F	2	0	0	0	0	0	0	0	0	0.2
Heuchera	Black Taffeta	P	5	4.5	4.5	5	4	4.5	5	4.5	4.5	4.3
		F	1	2	3	1	1	1	1	0	0	1.1
Heuchera	Glitter	P	3.5	3	3.5	4	4	3	3.5	4	3	3.4
		F	4	4	4	3	2	3	2	3	2	3
Heuchera sanguinea	Frosty Morn	P	5	5	5	5	5	5	5	4	4	4.6
		F	3.5	3.5	3	2	1	1	1	1	1	1.9

\*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

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NP = Not Present/Planted

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Heuchera villosa hybrid	Carnival Black Olive	P	3	4	4	4	4	4	5	4	4	3.8
		F	1	2	3	3	2	2	2	3	2	2.2
Heuchera villosa hybrid	Carnival Candy Apple	P	5	5	5	5	5	5	5	5	5	4.8
		F	2	2.5	2	1	2	2	2	3	3	2.2
Heucherella	Honey Rose	P	3	2.5	2.5	2	2	2	2	2.5	2	2.2
		F	1	1	1	1	1	0	0	0	0	0.6
Hosta	Shadowland™ Coast to Coast	P	3	3	3	3	3	3	3	2.5	2.5	2.7
		F	0	2	2	1	0	0	0	0	0	0.6
Kniphofia	Papaya Popsicle	P	4	5	5	4	3	2	2	2	2	3.3
		F	0	0	0	0	3	4	1	1	1	1.1
Lavandula	Phenomenal™ Aster Kickin Purple	P	5	5	5	5	4	3	3	3	3	4
		F	0	1	5	4	4	1	1	1	1	2
Lavandula	Platinum Blonde™	P	2.5	2.5	3	3	3	3	3.5	3	3	2.9
		F	0	0	1	2	3	2	1	1	0	1.1
Lychnis flos-cuculi	Petite Jenny	P	2.5	2	3	3	3	2	3	3	3	2.6
		F	3	2	1	3	2	1	1	1	1	1.7
Monarda	Balmy™ Pink	P	3	3	4	3	3	2	2	2	2	2.7
		F	0	1	5	5	2	1	1	1	0	1.8
Monarda	Balmy™ Rose	P	3	3	3	3	3	2	2	2	2	2.6
		F	0	0	4	5	2	2	1	1	0	1.7
Monarda	Balmy™ Lilac	P	3	3	3	3	3	2	2	2	2	2.5
		F	0	1	5	5	1	1	1	1	0	1.7
Monarda	Leading Lady Lilac	P	4	4	5	3	2	2	2	2.5	2.5	2.9
		F	0	4	4	1	0	0	0	0	0	1
Monardella macrantha 'Marian Sampson'	Hummingbird Trumpet Mint	P	2	2	2	2	2	2	2	2	1	1.8
		F	2	2	2	2	1	1	1	2	2	1.7
Nepeta	Aroma Violet	P	5	5	5	5	3	2	2.5	3	3	3.8
		F	4	4	3	3	4	3	3	3	3	3.3
Nepeta	Purple Haze	P	3	2.5	2.5	4	4	3	4	4	4	3.3
		F	3	4	2	1	1	2	3.5	4	4	2.7

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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.

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NP = Not Present/Planted

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Panicum virgatum	Hot Rod	P	3	2.5	2	3	3	3	3	4	4	3
		F	0	0	0	0	2	2	4	2	3	1.4
Panicum virgatum	Cape Breeze	P	4	4	4	5	5	5	5	5	5	4.6
		F	0	0	1	3	4	4	5	5	4	2.9
Penstemon	Cha Cha™ Hot Pink	P	2.5	3	3	4	3	3	3	3	4	3.2
		F	0	2	3	2	3	3	3	3.5	3	2.5
Penstemon barbatus	Coral Baby	P	4.5	4	4	4	3	3	3	3	2	3.3
		F	4	4	0	0	1	2	3	4	3	2.3
Penstemon 'Novapenname'	Amethyst Quartz™	P	5	4	4	4	3	3	5	4	4.5	3.8
		F	1	5	3	1	1	3	4	4.5	4	2.9
Penstemon 'Novapenbel'	Little Bells™	P	5	4	4	3	2	2	3	3	3	3
		F	4.5	4	3	2	1	0	1	3	3	2.4
Penstemon 'Novapenpin'	Pink Rock Candy™	P	4	4	3.5	3.5	3	3	4	4	3.5	3.4
		F	3	4	2	1	1	3	4	3	2	2.6
Penstemon 'Novapenpur'	Purple Rock Candy™	P	3	3	2.5	2.5	3	3	3	3	3	2.9
		F	4	2	2	1	3	4	2.5	2	2	2.5
Penstemon 'Novapenros'	Rose Quartz™	P	2.5	2.5	3	4	3	3	4	4	4.5	3.2
		F	1	3	4	3.5	2	2	3	3	4	2.8
Penstemon x mexicali	Carolyn's Hope	P	3	4	4	4	4	3	4.5	5	5	3.8
		F	1	4	3	2	1	1	2.5	3	4	2.4
Perovskia 'Novaperlac'	Little Lace™	P	4	5	5	5	4	5	5	4	4	4.5
		F	0	0	2	5	5	4	4	5	5	3.3
Phlox	Spring Purple®	P	5	5	5	4	4	3	3	3	3	3.8
		F	0	0	0	0	0	1	2	2	2	0.8
Phlox	Spring White®	P	5	5	5	5	5	4	4	5	4	4.5
		F	0	0	0	0	0	0	0	0	0	0
Phlox	Spring Lavender®	P	5	5	5	5	5	4	5	5	5	4.6
		F	0	0	0	0	1	1	1	1	1	0.6
Phlox	Spring Blue®	P	4	3	4	4	5	3	3	4	3	3.6
		F	0	0	0	0	1	1	2	1	1	0.7

\*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.

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NP = Not Present/Planted

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Phlox	Spring Dark Pink®	P	5	4	5	5	5	5	4	4	4	4.4
		F	0	0	0	0	0	0	0	0	0	0
Phlox	Spring Light Pink®	P	4	3	4	4	3	3	3	3	3	3.2
		F	0	0	0	0	0	0	0	0	0	0
Phlox paniculata	Flame® Blue	P	4	5	4	4	4	4	4	4	4	4.1
		F	0	1	3	5	4	3	3	3	3.5	2.8
Phlox paniculata	Early White®	P	2	2	2.5	3	3	3	3	3	3	2.8
		F	2	1	2	3	4	3	4	3	2	2.7
Phlox paniculata	Early Purple®	P	1	2	2	2.5	3	3	3	3	2.5	2.4
		F	0	0	0	1	2	2	2	2	2.5	1.3
Phlox paniculata	Early Light Pink®	P	2.5	2	2.5	2.5	2.5	2	2.5	2	2	2.3
		F	2	4	3	3	3	3	3	2	2	2.8
Phlox paniculata	Early Pink Dark Eye®	P	4.5	4	4	4	3	2.5	2.5	3	2.5	3.4
		F	0	2	4	5	4	3	2	1	1	2.4
Polemonium reptans	Jacobs Gold	P	4	4	5	4	5	4.5	5	4	5	4.2
		F	0	0	0	0	0	0	0	0	0	0
Salvia	Salute Pink®	P	5	5	4	4	2	2	2	2.5	2	3.1
		F	5	4	1	2	1	1	2	2	2	2.2
Salvia	Salute Deep Blue®	P	5	3	2	2.5	3	2	2	2	2	2.6
		F	4	1	1	2	2	2	3	2.5	2	2.2
Salvia	Salute Ice blue®	P	5	3	3	2.5	3	3	3	3	2.5	3.1
		F	4	3	2	3	3	3	3	3	3	3
Salvia nemorosa	Color Spires® Pink Dawn	P	5	5	5	5	3	3	3	2.5	2	3.7
		F	2	0	3	3	2	3	4	4	3	2.7
Salvia nemorosa	Color Spires® Violet Riot	P	4	2.5	3	2.5	3	2.5	3	2.5	2.5	2.8
		F	5	3	1	2	2	3	3	2	1	2.4
Salvia nemorosa	Lyrical™ White	P	5	2	2.5	3	3	2	3	3	2.5	2.8
		F	4	4	2	2	2	2	3	3	3	2.8
Stokesia laevis	Blue Frills	P	2	2	2.5	3	3	2	2	2	2	2.3
		F	0	0	0	0	1	4	4	2	1	1.3

\*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

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average	
Teucrium	Tickle™ Pink	P	4.5	5	4	5	4	3	3	3	2.5	3.8	
		F	0	0	1	2	3	2	1	1	1	1	1.2
Veronica	Ronica™ Dark Pink	P	5	5	5	4	4	4	3	3	2.5	3	
		F	1	3	4	3.5	2	3	4.5	4	3	3	3.1
Veronica 'Novaverblu'	Dark Blue Moody Blues™	P	3	4	3	3	3	3	4	3	2.5	3.1	
		F	3	4	3	2	4	4	4	3.5	3	3	3.4
Veronica 'Novavermau'	Mauve Moody Blues™	P	4	4	2	2.5	2	4	4	3	2.5	2.9	
		F	2	4	2	1	0	2	4	4	3.5	3.5	2.5
Veronica 'Novaverpin'	Pink Moody Blues™	P	4	5	4	3	4	4	4	3	3	3	3.7
		F	1	3	4	3	2	3	4	4	3.5	3.5	3.1
Veronica 'Novaversky'	Sky Blue Moody Blues™	P	5	5	3	3	3	3	3	3	3	3	3.4
		F	0	3	5	4	2	2	4	4.5	4.5	4.5	3.2
Veronica 'Novaverwhi'	White Moody Blues™	P	3	4	5	4	4	4	4	4	4	4	3.9
		F	2	4	3	3	2	2	3.5	3.5	3	3	2.9
Viola cornuta	Celestial™ Midnight	P	2.5	2.5	2	2.5	2	2	2	2	2	2	2.2
		F	3	2	3	3	3	3	2	2	2	2	2.6

\*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 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Achillea	New Vintage™ Rose	Darwin Perennials	Pink	H: 21.5 W: 34	2016
	Rating July: 5	Comments: Dense, healthy, buds profuse, some color			
	Rating Aug.: 4.3	Comments: Dense and floriferous, no lodging			
	Rating Sept.: 4.8	Comments: Dense, erect, floriferous			
	<b># Planted:</b> 13				
	Additional Comments:	Replaced one plant that was damaged by weeder.			
Achillea	New Vintage™ Red	Darwin Perennials	Red	H: 14 W: 20	2016
	Rating July: 5	Comments: Somewhat stunted by shade of neighbor, staked up to allow more light in			
	Rating Aug.: 4	Comments: Recovering from being shaded by lodged neighbor, still stunted			
	Rating Sept.: 2.5	Comments: Sparse flowers, lodging proabbaly due to shading by neighbor			
	<b># Planted:</b> 6				
	Additional Comments:				
Achillea B12SB533	Yarrow	Blooms of Bressingham	Dark pink	H: 22 W: 26	2016
	Rating July: 4	Comments: Shorter than other Achillea in pair, no lodging			
	Rating Aug.: 2.8	Comments: Healthy, dense plants, flowers lodging			
	Rating Sept.: 3.5	Comments: Some lodging, continuing to bloom			
	<b># Planted:</b> 12				
	Additional Comments:				
Achillea B12SB534	Yarrow	Blooms of Bressingham	Red	H: 26 W: 26.5	2016
	Rating July: 3	Comments: Some flower stalks lodging			
	Rating Aug.: 2	Comments: Flower color rich dark red, some lodging			
	Rating Sept.: 3.3	Comments: Some lodging, continuing to bloom			
	<b># Planted:</b> 12				
	Additional Comments:				
Aubrieta x cultorum	Pixie Pearls	Jelitto Perennial Seeds	White	H: 4 W: 6.75	2016
	Rating July: 3	Comments: Small but healthy			
	Rating Aug.: 2.3	Comments: Finally putting on some size			
	Rating Sept.: 1.6	Comments: Lots of new growth			
	<b># Planted:</b> 18				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Coreopsis	UpTick™ Cream & Red	Darwin Perennials	Light yellow and red	H: 17 W: 20	2016
	Rating July: 4	Comments: Dense, vigorous, mostly uniform, floriferous			
	Rating Aug.: 4	Comments: A few plants broken by dog walking in bed, plants vigorous with profuse flowers			
	Rating Sept.: 3.6	Comments: Flowers uniform			
	<b># Planted:</b> 13				
	Additional Comments:				
Coreopsis	Madras Magic	Terra Nova Nurseries	Red and cream	H: 16 W: 17	2016
	Rating July: 4	Comments: Rear plants cut back, all sprayed for mildew			
	Rating Aug.: 2	Comments: New growth healthy, recovering from mildew			
	Rating Sept.: 3.1	Comments: Recovered nicely from mildew in early season. Plants finally becoming uniform, flowering nicely			
	<b># Planted:</b> 18				
	Additional Comments:				
Coreopsis	UpTick™ Gold & Bronze	Darwin Perennials	Gold and red/orange	H: 16 W: 18.5	2016
	Rating July: 4	Comments: Dense, vigorous, mostly uniform, floriferous			
	Rating Aug.: 4.2	Comments: A few plants broken by dog walking in bed, plants vigorous with profuse flowers			
	Rating Sept.: 4	Comments: Flowers dense and held high above foliage			
	<b># Planted:</b> 13				
	Additional Comments:				
Coreopsis	UpTick™ Cream	Darwin Perennials	Cream	H: 18 W: 20	2016
	Rating July: 4	Comments: Dense, vigorous, mostly uniform, floriferous			
	Rating Aug.: 4.2	Comments: A few plants broken by dog walking in bed, plants vigorous with profuse flowers			
	Rating Sept.: 3.3	Comments: Plants irregular with even flower cover			
	<b># Planted:</b> 13				
	Additional Comments:				
Coreopsis	Sun Swirl	Dummen Orange	Golden yellow	H: 18 W: 17.75	2016
	Rating July: 4	Comments: Most plants vigorous, flower cover 75%			
	Rating Aug.: 3.7	Comments: Some insect chewing damage, lots of upright flowers			
	Rating Sept.: 4	Comments: Great color impact, uniform plants			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.



## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7		Year Planted
Coreopsis	UpTick™ Yellow & Red	Darwin Perennials	Yellow and dark red	H: 12	W: 17	2016
	Rating July: 4	Comments: Dense, vigorous, mostly uniform, floriferous				
	Rating Aug.: 4.5	Comments: A few plants broken by dog walking in bed, plants vigorous with profuse flowers				
	Rating Sept.: 3.4	Comments: Plants irregular, maybe from dog trampling				
	<b># Planted: 13</b>					
	Additional Comments:					
Delosperma	Alan's Apricot PPAF	Plant Select	Light peach	H: 3	W: 22.5	2016
	Rating July: 2	Comments: Vigorous, a few flowers				
	Rating Aug.: 3	Comments: Very dense and vigorous				
	Rating Sept.: 4.1	Comments: Completely filled in				
	<b># Planted: 18</b>					
	Additional Comments:					
Delosperma WWG02S	Red Mountain® Flame Ice Plant	Plant Select	Scarlet red	H: 2	W: 22	2016
	Rating July: 2	Comments: Not as vigorous as Alan's apricot, but still very healthy, a few rich red flowers				
	Rating Aug.: 2.2	Comments: A few plants lost some leaves to rot, most look very healthy				
	Rating Sept.: 3	Comments: A few sparse plants, most vigorous, sparse flowers				
	<b># Planted: 18</b>					
	Additional Comments:					
Dendranthema	Harvest Igloo	Blooms of Bressingham	Orange	H: 19	W: 30.5	2016
	Rating July: 2	Comments: Dense, healthy				
	Rating Aug.: 2	Comments: Somewhat irregular plants, a few blooming				
	Rating Sept.: 3.5	Comments: Irregular plants, great color effect				
	<b># Planted: 12</b>					
	Additional Comments: Had thrips in Greenhouse, overcame easily once planted out.					
Dendranthema	Sundance Igloo	Blooms of Bressingham	Yellow	H: 16	W: 28	2016
	Rating July: 2	Comments: Dense, healthy				
	Rating Aug.: 2.2	Comments: Dense, mostly uniform				
	Rating Sept.: 3.5	Comments: Plants uniform, all blooming at once, impressive color show				
	<b># Planted: 12</b>					
	Additional Comments: Had thrips in Greenhouse, overcame easily once planted out.					

\*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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Dendranthema	Dainty Pink Igloo	Blooms of Bressingham	Pink	H: 12.5    W: 22	2016
	Rating July: 2	Comments: Dense, healthy			
	Rating Aug.: 2.2	Comments: Foliage not uniform			
	Rating Sept.: 3.1	Comments: Compact but somewhat irregular plants, kind of lumpy mounds blooming in center only			
	<b># Planted:</b> 12				
	Additional Comments:	Had thrips in Greenhouse, ovaercame easily once planted out.			
Dianthus	SUNFLOR Dynamite	Dummen Orange	Red	H: 8.5    W: 11.5	2016
	Rating July: 4	Comments: Healthy, a few flowers			
	Rating Aug.: 2.7	Comments: Healthy, very vigorous			
	Rating Sept.: 4.3	Comments: Vigorous and uniform, floriferous			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	BEAUTIES Doutzen	Dummen Orange	White	H: 8    W: 14	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.7	Comments: Some rabbit damage			
	Rating Sept.: 3.5	Comments: Vigorous and uniform			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	OLIVIA Sweet	Dummen Orange	Red and white	H: 4.5    W: 7.25	2016
	Rating July: 3	Comments: Very small and sparse plants			
	Rating Aug.: 2.2	Comments: Very small and sparse			
	Rating Sept.: 2.5	Comments: Sparse but finally putting on new growth			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	SUNFLOR Red Esta	Dummen Orange	Red and white	H: 9    W: 10.5	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.3	Comments: Healthy, vigorous			
	Rating Sept.: 3.6	Comments: Dense and floriferous			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Dianthus	SUNFLOR Maserati	Dummen Orange	Scarlet	H: 6.5    W: 10.5	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.3	Comments: Healthy, vigorous			
	Rating Sept.: 4	Comments: Dense and floriferous			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	SUNFLOR Desire	Dummen Orange	Red	H: 8.5    W: 13.5	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.5	Comments: Healthy, very vigorous			
	Rating Sept.: 3.3	Comments: Very vigorous and dense, few flowers			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	OLIVIA Cherry	Dummen Orange	Red and pink	H: 6    W: 10	2016
	Rating July: 3	Comments: Healthy, 50%+ flower cover			
	Rating Aug.: 2.8	Comments: Good flower cover			
	Rating Sept.: 3.8	Comments: Compact, floriferous			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	BEAUTIES Naomi	Dummen Orange	Pink	H: 5.5.    W: 10.25	2016
	Rating July: 3	Comments: Healthy, 50%+ flower cover			
	Rating Aug.: 3.2	Comments: Healthy, flower cover irregular			
	Rating Sept.: 3.3	Comments: Uniform, dense, sparse but well distributed flowers			
	<b># Planted:</b> 6				
	Additional Comments:				
Dianthus	BEAUTIES Kate	Dummen Orange	Pink	H: 5.5    W: 8.5	2016
	Rating July: 3	Comments: Healthy, 50%+ flower cover			
	Rating Aug.: 3.3	Comments: Small, but with good flower cover			
	Rating Sept.: 3.6	Comments: One plant looks like it got mowed down by a rabbit			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Dianthus	SUNFLOR Beetle	Dummen Orange	Burgundy	H: 6    W: 8.5	2016
	Rating July: 4	Comments: Healthy, flowers sparse			
	Rating Aug.: 2.5	Comments: Irregular flower cover			
	Rating Sept.: 3.8	Comments: Uniform, sparse but even flower cover			
	<b># Planted: 6</b>				
	Additional Comments:				
Dianthus	SUNFLOR Jaguar	Dummen Orange	Red and burgundy	H: 4    W: 8	2016
	Rating July: 3	Comments: Healthy, few flowers			
	Rating Aug.: 2.3	Comments: Sparse flowers			
	Rating Sept.: 2.5	Comments: Uniform, few blooms			
	<b># Planted: 6</b>				
	Additional Comments:				
Dianthus	ODESSA Aston	Dummen Orange	Pink	H: 10.5    W: 12	2016
	Rating July: 3	Comments: Healthy and vigorous, a few flowers			
	Rating Aug.: 2.8	Comments: Healthy, very vigorous			
	Rating Sept.: 3.8	Comments: Very vigorous and dense, even flower cover			
	<b># Planted: 6</b>				
	Additional Comments:				
Dianthus	SUNFLOR Mimi	Dummen Orange	Salmon	H: 10    W: 11	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.3	Comments: Great flower color, some rabbit damage			
	Rating Sept.: 3.5	Comments: Vigorous and mostly uniform, great flower effect			
	<b># Planted: 6</b>				
	Additional Comments:				
Echinacea	KISMET™ Raspberry	Terra Nova Nurseries	Deep pink to plum	H: 19    W: 22.5	2016
	Rating July: 4	Comments: Vigorous and very floriferous			
	Rating Aug.: 3.2	Comments: Vibrant deep flower color, vigorous plants			
	Rating Sept.: 4.3	Comments: Aster yellows on many plants			
	<b># Planted: 18</b>				
	Additional Comments:	Most plants in row show symptoms of aster yellows. 9/16/16			

\*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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Echinacea	KISMET™ Intense Orange	Terra Nova Nurseries	Orange	H: 17 W: 15.25	2016
	Rating July: 4	Comments: Healthy with 75% flower cover			
	Rating Aug.: 2.2	Comments: Vibrant deep flower color, irregular plants			
	Rating Sept.: 3.4	Comments: Aster yellows on many plants			
	<b># Planted:</b> 18				
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Epimedium	Pink Champagne	Eason Horticulture Resources	None	H: 7 W: 13	2016
	Rating July: 2	Comments: Healthy, a little insect damage			
	Rating Aug.: 1	Comments: No new growth since transplant			
	Rating Sept.: 1.1	Comments: No new growth			
	<b># Planted:</b> 19				
	Additional Comments:				
Gaillardia	SPINTOP Yellow Touch	Dummen Orange	Dark orange and yellow	H: 12.5 W: 13.5	2016
	Rating July: 4	Comments: Dense and healthy, floriferous			
	Rating Aug.: 3.7	Comments: Shaded by neighbor some, some mite damage			
	Rating Sept.: 3.5	Comments: Plants shaded slightly, but very floriferous and compact			
	<b># Planted:</b> 6				
	Additional Comments:				
Geum	RUSTICO™ Orange	Terra Nova Nurseries	None	H: 15 W: 18	2016
	Rating July: 2	Comments: Dense, compact			
	Rating Aug.: 2	Comments: Dense, lush mounds of foliage			
	Rating Sept.: 2.5	Comments: Great, dense, lush mounds			
	<b># Planted:</b> 18				
	Additional Comments:				
Heliopsis helianthoides var.	Burning Hearts	Jelitto Perennial Seeds	Yellow with dark eye	H: 28 W: 14	2016
	Rating July: 2	Comments: Two plants very small, may replace			
	Rating Aug.: 1.5	Comments: Some lodging and sprawling, sparse flowers			
	Rating Sept.: 3.5	Comments: Great dark leaf. Plants irregular, but floriferous			
	<b># Planted:</b> 18				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Heliopsis helianthoides var.	Prima Ballerina	Jelitto Perennial Seeds	Yellow	H: 24    W: 26.5	2016
	Rating July: 2	Comments: Vigorous, healthy			
	Rating Aug.: 2.5	Comments: Some lodging and sprawling, flower cover around 50%			
	Rating Sept.: 3.8	Comments: Plants irregular but floriferous			
	<b># Planted: 18</b>				
	Additional Comments:				
Hemerocallis	Double Pardon Me	Darwin Perennials	Burgundy	H: 13    W: 19.5	2016
	Rating July: 4	Comments: Healthy, most plants have at least one flower			
	Rating Aug.: 1.7	Comments: Healthy, filling out nicely			
	Rating Sept.: 1.5	Comments: Healthy, vigorous			
	<b># Planted: 11</b>				
	Additional Comments:				
Heucherella	Plum CASCADE™	Terra Nova Nurseries	Pale pink	H: 13    W: 20.75	2016
	Rating July: 4	Comments: Dense, runners making plants less uniform, a few flowers			
	Rating Aug.: 2.7	Comments: Irregular plants, sparse flowers			
	Rating Sept.: 2.3	Comments: Plants irregular, dull leaf color			
	<b># Planted: 18</b>				
	Additional Comments:				
Heucherella	HAPPY HOUR™ Lime	Terra Nova Nurseries	None	H: 6    W: 13	2016
	Rating July: 2	Comments: Showing signs of powdery mildew			
	Rating Aug.: 1.7	Comments: Mildew and severe insect chewing damage			
	Rating Sept.: 1	Comments: Mildew, insect damage, plants very sparse			
	<b># Planted: 18</b>				
	Additional Comments:				
Hibiscus	SUMMERIFIC® Perfect Storm PPAF	Walters Gardens	Light pink with dark variegation	H: 34    W: 33	2016
	Rating July: 2	Comments: Vigorous, covered in buds			
	Rating Aug.: 3.8	Comments: Dense, vigorous, showy flowers with nice dark leaf			
	Rating Sept.: 3.8	Comments: Compact, mostly uniform, still putting up new buds			
	<b># Planted: 11</b>				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Lavandula	Lavance Deep Purple	PanAmerican/Kieft	Dark lavender	H: 16.5 W: 11.25	2016
	Rating July: 3	Comments: Healthy, 50%+ flower cover			
	Rating Aug.: 2	Comments: Lots of new growth, rich flower color			
	Rating Sept.: 3.5	Comments: Vigorous, uniform, deep flower color			
	<b># Planted:</b> 18				
	Additional Comments:				
Lavandula angustifolia	Wee One	Plant Select	Lavender	H: 18 W: 20	2016
	Rating July: 4	Comments: Dense, compact, most flowers faded, some new flowers			
	Rating Aug.: 3	Comments: Dense and mostly uniform, most plants putting on new buds			
	Rating Sept.: 3.6	Comments: Uniform, dense, lots of flowers, not all open			
	<b># Planted:</b> 18				
	Additional Comments:				
Lupinus	West Country™ Gladiator	Eason Horticulture Resources	None	H: 9.5 W: 16	2016
	Rating July: 3	Comments: New leaves chlorotic, not much new growth			
	Rating Aug.: 2.3	Comments: Chlorosis and low vigor			
	Rating Sept.: 1.1	Comments: Smallish, chlorotic			
	<b># Planted:</b> 18				
	Additional Comments:				
Lupinus	West Country™ Red Rum	Eason Horticulture Resources	None	H: 11.5 W: 25	2016
	Rating July: 3	Comments: Vigorous and healthy since transplant			
	Rating Aug.: 2.3	Comments: Vigorous but chlorotic			
	Rating Sept.: 1.3	Comments: Vigorous, some chlorosis more at front of row			
	<b># Planted:</b> 18				
	Additional Comments:				
Monarda	Balmy™ Purple	Darwin Perennials	Reddish purple	H: 15.5 W: 23	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 3.7	Comments: Dense, very little mildew			
	Rating Sept.: 3	Comments: Mildew, good flower effect			
	<b># Planted:</b> 13				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Monarda M0011	M0011	Dummen Orange	Light pink	H: 26    W: 28	2016
	Rating July: 2	Comments: Dense, taller than other Monarda in this group			
	Rating Aug.: 2.2	Comments: Fairly dense, no apparent mildew			
	Rating Sept.: 2.5	Comments: Moderate mildew, not severe on all plants in row			
	<b># Planted:</b> 6				
	Additional Comments:				
Monarda M0013	M0013	Dummen Orange	Magenta	H: 28    W: 24.5	2016
	Rating July: 2	Comments: Just starting to flower, dense, taller than other Monarda in this group			
	Rating Aug.: 3.5	Comments: Upright, no apparent mildew			
	Rating Sept.: 2.8	Comments: Some lodging, lots of mildew			
	<b># Planted:</b> 6				
	Additional Comments:				
Monarda M0014	M0014	Dummen Orange	Lavender	H: 13    W: 28	2016
	Rating July: 2	Comments: Leggy, some signs of fungus on one plant			
	Rating Aug.: 1.5	Comments: Plants irregular, with some lodging and fungus			
	Rating Sept.: 2	Comments: Lodging, moderate mildew, sparse flowers			
	<b># Planted:</b> 6				
	Additional Comments:				
Monarda M0015	M0015	Dummen Orange	Magenta	H: 16    W: 16.5	2016
	Rating July: 2	Comments: Compact, starting to flower			
	Rating Aug.: 2.3	Comments: No mildew, smaller habit			
	Rating Sept.: 3	Comments: Dense with even flower cover, but lots of mildew			
	<b># Planted:</b> 6				
	Additional Comments:				
Monarda M0017	M0017	Dummen Orange	Dark pink/lavender	H: 16    W: 13.75	2016
	Rating July: 2	Comments: Compact, mostly uniform			
	Rating Aug.: 1.3	Comments: Mildew, few flowers			
	Rating Sept.: 1.8	Comments: Dense and upright, but lots of mildew and sparse flowers			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.



## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Monarda M0021	M0021	Dummen Orange	None	H: 14 W: 25	2016
	Rating July: 2	Comments: Compact, uniform			
	Rating Aug.: 1.5	Comments: Powdery mildew, meristem death, no blooms yet			
	Rating Sept.: 0.9	Comments: Severe mildew, no flowers			
	<b># Planted:</b> 6				
	Additional Comments:				
Penstemon	PEPTALK Purple	Dummen Orange	Reddish purple	H: 18 W: 16	2016
	Rating July: 4	Comments: Healthy, a few flowers			
	Rating Aug.: 3	Comments: Healthy, flower cover irregular			
	Rating Sept.: 3.6	Comments: Some lodging, great flower effect			
	<b># Planted:</b> 6				
	Additional Comments:				
Penstemon	MissionBells™ Deep Rose	Darwin Perennials	Deep rose	H: 29 W: 32.5	2016
	Rating July: 4	Comments: Vigorous, flower cover 50%			
	Rating Aug.: 4	Comments: Many flowers, plants lodging			
	Rating Sept.: 3.8	Comments: Dense, very little lodging, continuing to bloom			
	<b># Planted:</b> 12				
	Additional Comments:				
Penstemon	PEPTALK Red	Dummen Orange	Red	H: 22 W: 22	2016
	Rating July: 4	Comments: Healthy, a few flowers			
	Rating Aug.: 3	Comments: Healthy, flower cover irregular			
	Rating Sept.: 3.8	Comments: Plants vigorous and upright, great, bright red flower effect			
	<b># Planted:</b> 6				
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	PEPTALK Cerise	Dummen Orange	Dark pink	H: 27.5 W: 23.5	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.8	Comments: Minor chlorosis, flowers sparse			
	Rating Sept.: 3	Comments: Some lodging, flowers sparse, but many new buds			
	<b># Planted:</b> 6				
	Additional Comments:	Sprayed with Heritage 5g/4gal 8/9/16, second application 8/23/16.			

\*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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Penstemon	PEPTALK Hot Pink	Dummen Orange	Bright pink	H: 19 W: 17	2016
	Rating July: 4	Comments: Healthy, a few flowers			
	Rating Aug.: 3	Comments: Healthy, flower cover irregular			
	Rating Sept.: 3.8	Comments: Plants upright, flowers bright and profuse			
	<b># Planted:</b> 5				
	Additional Comments:	One plant removed from row, due to wrong flower color, sprayed with heritage 5g/4gal 8/9/16, second application 8/23/16.			
Penstemon	Cherry Sparks	Darwin Perennials	Scarlet to dark pink	H: 24.5 W: 23	2016
	Rating July: 4	Comments: Dense, healthy, a few flowers			
	Rating Aug.: 4.2	Comments: Minor lodging, dense flower cover			
	Rating Sept.: 3	Comments: Dense, very little lodging, few blooms			
	<b># Planted:</b> 12				
	Additional Comments:				
Perovskia	Blue Jean Baby PPAF	Walters Gardens	Lavender	H: 25 W: 22.75	2016
	Rating July: 4	Comments: Dense, deadheaded previously, new flowers emerging			
	Rating Aug.: 3.2	Comments: Dense and reblooming since deadheaded, somewhat hidden by neighbor			
	Rating Sept.: 3.5	Comments: Lodging probably because shaded by neighbor, blooms profuse			
	<b># Planted:</b> 18				
	Additional Comments:				
Perovskia	Blue Steel	PanAmerican/Kieft	Lavender	H: 29 W: 22.5	2016
	Rating July: 2	Comments: Vigorous with a few flowers			
	Rating Aug.: 2.7	Comments: Irregular plants, flower cover irregular			
	Rating Sept.: 3	Comments: Irregular plants, irregular flowering pattern			
	<b># Planted:</b> 18				
	Additional Comments:				
Phlox	TRIO CONFETTI Flame 1	Dummen Orange	White, magenta, and bright coral	H: 8 W: 11	2016
	Rating July: 3	Comments: Healthy, 50%+ flower cover			
	Rating Aug.: 2	Comments: Irregular appearance, purple variety blooming later, very vibrant, powdery mildew present			
	Rating Sept.: 1.8	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Phlox	SWEET SEDUCTION Blue	Dummen Orange	None	H: 3    W: 9	2016
	Rating July: 2	Comments: Healthy, not much new growth, some leaf miner damage			
	Rating Aug.: 0.8	Comments: Finally showing some new growth,			
	Rating Sept.: 1.5	Comments: New growth present			
	<b># Planted:</b> 6				
	Additional Comments:				
Phlox	EARLY Cerise	Dummen Orange	Fuchsia	H: 12    W: 9.25	2016
	Rating July: 3	Comments: Healthy and uniform, 75%+ flower cover			
	Rating Aug.: 2.5	Comments: Nicely uniform, even flower cover, powdery mildew present			
	Rating Sept.: 1.8	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 6				
	Additional Comments:				
Phlox	EARLY Pink Blush	Dummen Orange	Light pink with dark eye	H: 8.5    W: 10.25	2016
	Rating July: 3	Comments: Healthy and uniform, 75% flower cover			
	Rating Aug.: 2	Comments: Flower cover 50%, some powdery mildew			
	Rating Sept.: 1.8	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 5				
	Additional Comments:				
Phlox	TRIO CONFETTI Spring 1	Dummen Orange	Dark pink	H: 7.5    W: 13.5	2016
	Rating July: 2	Comments: Healthy, vigorous			
	Rating Aug.: 1	Comments: A few pink flowers on two plants			
	Rating Sept.: 2.3	Comments: Some burn, a few flowers			
	<b># Planted:</b> 6				
	Additional Comments:				
Phlox	Flame New Improved Red	Dummen Orange	Scarlet	H: 12    W: 14	2016
	Rating July: 3	Comments: Healthy, 75% flower cover			
	Rating Aug.: 3	Comments: Flowers profuse and vivid red			
	Rating Sept.: 4	Comments: Dense, uniform, bright flowers become more pink as they fade			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Phlox	EARLY White Improved	Dummen Orange	White, magenta, and bright coral	H: 8 W: 9.75	2016
	Rating July: 3	Comments: One plant dying, others appear healthy			
	Rating Aug.: 2	Comments: Flower cover 50%, some powdery mildew			
	Rating Sept.: 1.5	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 6				
	Additional Comments:	One plant died in July 2016, others appeared healthy and bloomed well.			
Phlox	TRIO CONFETTI Early 1	Dummen Orange	Light purple, bright pink, and light pink with dark eye	H: 11.5 W: 9.5	2016
	Rating July: 3	Comments: Healthy, 50%+ flower cover			
	Rating Aug.: 2	Comments: Irregular appearance, purple variety blooming later than others, powdery mildew present			
	Rating Sept.: 1.8	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 6				
	Additional Comments:				
Phlox	Flame New Improved Purple	Dummen Orange	Fuchsia	H: 8.5 W: 10	2016
	Rating July: 3	Comments: Healthy 50% flower cover			
	Rating Aug.: 2	Comments: Flower cover 50%, some powdery mildew			
	Rating Sept.: 2	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 6				
	Additional Comments:				
Phlox	SWEET SEDUCTION Pink	Dummen Orange	None	H: 2.5 W: 9.5	2016
	Rating July: 2	Comments: Healthy, not much new growth			
	Rating Aug.: 0.8	Comments: Finally showing some new growth, slightly chlorotic			
	Rating Sept.: 1.5	Comments: New growth present			
	<b># Planted:</b> 6				
	Additional Comments:				
Phlox	Flame New Improved Pink	Dummen Orange	Bubblegum pink with dark eye	H: 9.5 W: 12.75	2016
	Rating July: 3	Comments: Healthy 75% flower cover			
	Rating Aug.: 2.2	Comments: Flower cover 75%, some powdery mildew			
	Rating Sept.: 1.8	Comments: Mildew, a few flowers yet			
	<b># Planted:</b> 6				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Salvia	Blue Marvel	Darwin Perennials	Blue/purple	H: 20 W: 26	2016
	Rating July: 4	Comments: Dense and uniform, flower color very rich			
	Rating Aug.: 3.8	Comments: Some lodging at edges of row, flowers bright, vivid and large			
	Rating Sept.: 3.5	Comments: Bright flowers, some lodging			
	<b># Planted:</b> 13				
	Additional Comments:				
Salvia	Caramia	Dummen Orange	Dark purple	H: 27 W: 26	2016
	Rating July: 3	Comments: Healthy, a few flowers			
	Rating Aug.: 2.7	Comments: Plants healthy, but vary in height			
	Rating Sept.: 2.8	Comments: Some lodging, blooms fading			
	<b># Planted:</b> 6				
	Additional Comments:				
Scabiosa	Flutter™ Rose Pink	Darwin Perennials	Light pink	H: 12 W: 20.5	2016
	Rating July: 3	Comments: healthy, a few flowers			
	Rating Aug.: 2.7	Comments: Dense mounded plants, sparse flowers			
	Rating Sept.: 2.3	Comments: Dense, mostly uniform, few flowers			
	<b># Planted:</b> 11				
	Additional Comments:	Severe case of spider mites when planted out, but recovered over the course of the season.			
Scabiosa	Flutter™ Deep Blue	Darwin Perennials	Light blue	H: 10.5 W: 14.75	2016
	Rating July: 3	Comments: Healthy, but small			
	Rating Aug.: 2.8	Comments: Dense mounded plants, sparse flowers			
	Rating Sept.: 2.5	Comments: Dense, mostly uniform, few flowers			
	<b># Planted:</b> 14				
	Additional Comments:				
Schizachyrium	Blue Paradise PPAF	Walters Gardens	None	H: 11 W: 13	2016
	Rating July: 1	Comments: Small, sparse, most plants look like they are dying			
	Rating Aug.: 0.3	Comments: Most plants look dead			
	Rating Sept.: 0.5	Comments: One or two living in row			
	<b># Planted:</b> 18				
	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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Class of 2016 Size, Data and Comments for 2016

Genus	Common Name	Company	Color	Height and Width on 10/7	Year Planted
Solidago canadensis	Little Miss Sunshine	Jelitto Perennial Seeds	Yellow	H: 17    W: 15.5	2016
	Rating July: 4	Comments: Mostly vigorous, flower cover 75%			
	Rating Aug.: 3.5	Comments: Irregular plant size and flower time			
	Rating Sept.: 3.1	Comments: Plants irregular, some chlorosis, not all plants flowering			
	<b># Planted: 18</b>				
	Additional Comments: Most plants in row show symptoms of aster yellows. 9/16/20				
Sorghastrum nutans	Thin Man PPAF	Plant Select	Straw yellow	H: 65    W: 31.5	2016
	Rating July: 2	Comments: Vigorous, healthy			
	Rating Aug.: 1.5	Comments: Vigorous, tall, uniform			
	Rating Sept.: 4	Comments: Dense, erect, showy plumes on almost every plant			
	<b># Planted: 18</b>				
	Additional Comments:				
Stokesia	Blue Frills	Blooms of Bressingham	Periwinkle	H: 17    W: 16.5	2016
	Rating July: 4	Comments: Healthy with a few flowers			
	Rating Aug.: 2.3	Comments: Dense, not many flowers			
	Rating Sept.: 2.4	Comments: Plants irregular, some chlorosis, not all plants flowering			
	<b># Planted: 11</b>				
	Additional Comments:				
Trifolium rubens	Frosty Feathers	Jelitto Perennial Seeds	White	H: 10    W: 7.75	2016
	Rating July: 2	Comments: Still being munched on pretty hard by rabbits			
	Rating Aug.: 0.8	Comments: Severe rabbit damage			
	Rating Sept.: 1.1	Comments: Some new growth, some chlorosis			
	<b># Planted: 18</b>				
	Additional Comments: Replaced 4 plants that were severely rabbit damaged 8/8/16.				

\*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 survival from initial planting. \*N/A indicates plant has not bloomed yet.

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Achillea	New Vintage™ Rose	P	4	4	4	5	5	5	4	5	5	4.7
		F	4	3	1	2	5	5	5	5	4	3.8
Achillea	New Vintage™ Red	P	4	3	4	4	3	3	3	3	3	3.3
		F	4	3	1	1	3	2	2	2	2	2.2
Achillea B12SB533	Yarrow	P	3	3	4	4	3	3	4	3	3	3.2
		F	2	1	1	3	3	3	3	4	3	2.6
Achillea B12SB534	Yarrow	P	3	4	4	3	3	4	4	3	3	3.3
		F	2	1	1	3	2	3	3	3	2.5	2.3
Aubrieta x cultorum	Pixie Pearls	P	0	3	3	3	3	3	3	3.5	3	2.6
		F	0	0	0	0	0	0	0	0	1	0.1
Coreopsis	UpTick™ Cream & Red	P	4	4	4	4	5	3	3	4	3	3.9
		F	3	3	5	4	4	4	4	3.5	3	3.7
Coreopsis	Madras Magic	P	3	2	2	3	3	3	3	3	3	2.8
		F	3	2	2	3	2	3	3	3.5	3.5	2.8
Coreopsis	UpTick™ Gold & Bronze	P	5	4	4	4	5	4	4	4	3	4.1
		F	4	3	5	4	4	4	4	4	3	3.9
Coreopsis	UpTick™ Cream	P	5	4	4	4	5	4	3	4	4	4.2
		F	4	3	4	4	3	3	3	3	2	3.2
Coreopsis	Sun Swirl	P	4	4	3	3	3	3	3	4	4	3.5
		F	3	3	4	4	4	4	4	5	4.5	3.9
Coreopsis	UpTick™ Yellow & Red	P	5	4	4	4	5	4	3	3	2	3.9
		F	5	3	3	3.5	3	3.5	4	3.5	3	3.5
Delosperma	Alan's Apricot PPAF	P	4	4	5	5	5	5	5	5	5	4.7
		F	0	1	1	2	3	3	3	3.5	3.5	2.2
Delosperma WWG02S	Red Mountain® Flame Ice Plant	P	3	3	3	4	4	3	4	4	3	3.3
		F	0	0	0	1	2	2	2	2	1	1.1
Dendranthema	Harvest Igloo	P	3	5	4	4	3	4	3	3	3	3.5
		F	0	0	0	0	0	2	3	5	5	1.7
Dendranthema	Sundance Igloo	P	2.5	3	3	4	5	3	4	4	5	3.5
		F	0	0	0	0	0	0	1	5	5	1.2

\*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

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Dendranthema	Dainty Pink Igloo	P	3	4	4	4	3	3	3	3	4	3.3
		F	0	0	0	0	0	1	2.5	4	5	1.4
Dianthus	SUNFLOR Dynamite	P	3	3	3	4	3	4	4	5	4	3.5
		F	3	4	2	1	1	3	4	4	4.5	2.9
Dianthus	BEAUTIES Doutzen	P	3	3.5	3	4	3	3	4	4	3.5	3.3
		F	2	1	2	1	1	3	3	3	3.5	2.2
Dianthus	OLIVIA Sweet	P	2	2	2	2	2	2	2	2	2.5	2.1
		F	3	2	2	2	2	3	3	3	3	2.6
Dianthus	SUNFLOR Red Esta	P	3	2.5	3	3	3	3	3	4	3.5	3.1
		F	3	2	1	1	1	4	4	3.5	3	2.5
Dianthus	SUNFLOR Maserati	P	3	3	3	4	3	3	4	4	3	3.2
		F	3	2	2	2	1	3	4	4	3.5	2.7
Dianthus	SUNFLOR Desire	P	3	3	4	4	3	4	5	5	5	3.7
		F	3	3	2	2	1	2	1	2	2.5	2.1
Dianthus	OLIVIA Cherry	P	3	3	3	3	3	3	3	4	4	3.3
		F	3	4	3	3	4	4	4	4	4	3.5
Dianthus	BEAUTIES Naomi	P	3	3	3	4	3	3	3	4	4	3.4
		F	3	1	2	3	4	3	3	3	3	2.8
Dianthus	BEAUTIES Kate	P	3	3	3	4	3	3	3	4	4	3.4
		F	3	2	3	3	4	4	4	4	3.5	3.5
Dianthus	SUNFLOR Beetle	P	3	4	4	3	3	3	4	4	3	3.3
		F	3	3	2	1	2	2	4	3	2.5	2.5
Dianthus	SUNFLOR Jaguar	P	3	4	4	3	3	4	4	4	4	3.5
		F	1	2	2	1	1	1	1	1	1	1.2
Dianthus	ODESSA Aston	P	4	3	4	4	4	4	4	4	4.5	3.8
		F	2	3	3	2	1	3	3	4	3	2.7
Dianthus	SUNFLOR Mimi	P	4	3	3	4	3	3	4	3	2	3.1
		F	2	4	1	1	1	3	3	4	3	2.4
Echinacea	KISMET™ Raspberry	P	4	4	4	4	4	4	4	3	3	3.8
		F	1	4	5	5	4	4.5	5	5	5	4.3

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

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NP = Not Present/Planted



## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average	
Echinacea	KISMET™ Intense Orange	P	3	3	3	3	3	3	3	2.5	2.5	2.9	
		F	4	4	5	4	4	4	4	4	4	4	4.1
Epimedium	Pink Champagne	P	3	3	3	3	3	3	2	2.5	3	2.8	
		F	0	0	1	0	0	0	0	0	0	0	0.1
Gaillardia	SPINTOP Yellow Touch	P	4	4	4	4	4	3	3	3	3	3.6	
		F	4	3	2	4	4	3	4	4	4	3.5	3.5
Geum	RUSTICO™ Orange	P	3	4	4	4	5	5	5	5	5	5	4.2
		F	0	0	0	0	0	0	0	0	0	0	0
Heliopsis helianthoides var. scabra	Burning Hearts	P	0	3	3	3	3	3	3	3.5	3	2.7	
		F	0	0	0	0	2	2	3.5	4	3	1.6	
Heliopsis helianthoides var. scabra	Prima Ballerina	P	0	3	4	3	3	3	3	3	3	2.8	
		F	0	0	0	0	2	3	4	5	4	2	
Hemerocallis	Double Pardon Me	P	3	3	3	3	3	3	3	3	3	2.8	
		F	0	3	3	3	0	0	0	0	0	0	1
Heucherella	Plum CASCADE™	P	5	4	4	4	3	3	3	3	3	3.5	
		F	0	1	2	2	2	2	1	2	1	1.4	
Heucherella	HAPPY HOUR™ Lime	P	5	4	4	2.5	2	2	2	2	2	2.7	
		F	0	0	0	0	0	0	0	0	0	0	0
Hibiscus	SUMMERIFIC® Perfect Storm PPAF	P	3	3	4	4	3	4	4	4	4	3.6	
		F	0	0	0	0	4	4	4	3	1	1.8	
Lavandula	Lavance Deep Purple	P	0	3	3	4	3	3	4	4	4	2.9	
		F	0	0	3	3	1	2	3	3	3	2	
Lavandula angustifolia	Wee One	P	4	3	4	4	4	4	4	4.5	4	3.8	
		F	3	3	4	2	1	1	3	3	4	2.7	
Lupinus	West Country™ Gladiator	P	3	3	2.5	2.5	2.5	2	2	2.5	2.5	2.4	
		F	0	0	0	0	0	0	0	0	0	0	
Lupinus	West Country™ Red Rum	P	4	4	5	5	4	3	2	3	3	3.6	
		F	0	0	0	0	0	0	0	0	0	0	

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

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

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

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

NP = Not Present/Planted

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Monarda	Balmy™ Purple	P	4	4	4	4	4	3	2.5	3	2	3.5
		F	1	2	2	1	3	3	3.5	3	2	2.3
Monarda M0011	M0011	P	4	4	4	4	4	3	3	3	2	3.4
		F	0	0	0	0	1	2	2	2	1	0.9
Monarda M0013	M0013	P	4	4	4	4	4	4	3	2	2	3.5
		F	0	0	1	1	3	4	3	3	2	1.9
Monarda M0014	M0014	P	3	3	3	2.5	3	2	2	2	1.5	2.4
		F	0	0	0	0	1	2	2	2	1	0.9
Monarda M0015	M0015	P	3	3	4	3	3	3	3	3	2.5	3
		F	0	0	1	1	2	3	3	3	2	1.7
Monarda M0017	M0017	P	2.5	2.5	3	3	3	2	3	2	2	2.4
		F	0	0	0	0	0	1	1	1	1	0.4
Monarda M0021	M0021	P	3	3	4	4	4	2	2	1.5	1.5	2.7
		F	0	0	0	0	0	0	0	0	0	0
Penstemon	PEPTALK Purple	P	4	4	4	4	3	3	4	3	4	3.5
		F	1	2	3	2	1	2	3.5	4	3	2.4
Penstemon	MissionBells™ Deep Rose	P	3	3	4	4	3	3	4	4	4.5	3.5
		F	2.5	2	2	3	4	3	3	4	4.5	3.1
Penstemon	PEPTALK Red	P	4	4	4	4	3	4	4	4	4	3.8
		F	1	3	1	1	2	2	3	4	4	2.3
Penstemon	PEPTALK Cerise	P	4	3	4	3	3	3	4	3	4	3.2
		F	0	1	2	1	1	1	2	3	4	1.7
Penstemon	PEPTALK Hot Pink	P	4	4	4	4	3	3	4	4	5	3.7
		F	1	2	3	2	1	2	3	4	4	2.4
Penstemon	Cherry Sparks	P	3	3	4	4	4	3	4	3	4	3.5
		F	2.5	1	1	1.5	4	4	3	2	2	2.3
Perovskia	Blue Jean Baby PPAF	P	3	3	3	4	4	3	3	3	3	3.3
		F	5	2	1	2	3	4	4	4	2	3
Perovskia	Blue Steel	P	0	3	4	4	4	3	3	3	3	2
		F	0	0	0	1	2	2	3	3	4	1.7

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NP = Not Present/Planted

## Coordinator Plant and Flower Ratings for 2016

Genus	Common Name		6/15	6/27	7/11	7/21	8/9	8/24	9/7	9/19	10/3	Average
Phlox	TRIO CONFETTI Flame 1	P	4	4	3	3	3	2	2	2	2	2.9
		F	0	2	4	4	3	3	2	1	1	2.2
Phlox	SWEET SEDUCTION Blue	P	3	3	3	3	3	3	3	3	3	2.8
		F	0	0	0	0	0	0	0	0	0	0
Phlox	EARLY Cerise	P	4	4	3	4	4	2	2	2	2	3.1
		F	1	2	3	5	3	2	2	1	0	2.1
Phlox	EARLY Pink Blush	P	3	3	3	3	3	2	2	2	2	2.6
		F	2	3	4	4	3	3	2	1	1	2.6
Phlox	TRIO CONFETTI Spring 1	P	4	3	3	4	3	3	3	2	2.5	2.9
		F	0	0	0	0	0	1	2	2	1	0.7
Phlox	Flame New Improved Red	P	4	4	4	4	4	4	4	4	3.5	3
		F	0	1	2	4	5	4	4	4	3	3
Phlox	EARLY White Improved	P	4	3	3	3	3	2	2	2	2	2.7
		F	3	4	4	3	3	2	1	1	0	2.3
Phlox	TRIO CONFETTI Early 1	P	4	4	3	3	3	2	2	2	2	2.8
		F	0	3	3	4	3	2	2	1	1	2.1
Phlox	Flame New Improved Purple	P	3	3	3	3	3	2	2	2	2	2.6
		F	3	3	4	3	3	2	2	2	0	2.4
Phlox	SWEET SEDUCTION Pink	P	3	3	3	3	3	3	3	3	3	2.8
		F	0	0	0	0	0	0	0	0	0	0
Phlox	Flame New Improved Pink	P	4	3	3	3	3	2	2	2	2	2.8
		F	2	2	4	4	4	3	2	1	1	2.6
Salvia	Blue Marvel	P	2	3	4	4	4	4	4	3.5	3	3.5
		F	1	1	2	3	4	3.5	3.5	3	3	2.7
Salvia	Caramia	P	4	3	3	4	3	3	3	3	2.5	3.1
		F	2	1	2	2	2	3	3	2	2	2.1
Scabiosa	Flutter™ Rose Pink	P	2.5	3	3	3	3	4	3	4	4	3.2
		F	3	3	2	1	1	2	1	1	1	1.7
Scabiosa	Flutter™ Deep Blue	P	2.5	3	3	3	3	4	4	4	5	3.3
		F	2	3	2	0	1	2	1	1	0	1.3

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## Coordinator Plant and Flower Ratings for 2016

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Schizachyrium	Blue Paradise PPAF	P	2	2	2	1.5	1	1	1	1	1	1.3
		F	0	0	0	0	0	0	0	0	0	0
Solidago canadensis	Little Miss Sunshine	P	3	3	3	3	3	3	3	2.5	3	2.9
		F	0	1	3	4	2	3	4	3	2	2.4
Sorghastrum nutans	Thin Man PPAF	P	3	3	4	4.5	5	5	5	5	5	4.1
		F	0	0	0	0	0	0	2	4	5	1.2
Stokesia	Blue Frills	P	3	3	3	3	3	3	3	2.5	3	2.8
		F	3	3	2	1	1	1	2	2	3	2
Trifolium rubens	Frosty Feathers	P	3	3	3	2	2.5	2	2	2.5	3	2.5
		F	0	0	0	0	0	0	0	0	0	0

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