

Colorado State University
2013 Perennial Flower Trial
Performance Report

Department of Horticulture and Landscape Architecture
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www.flowertrials.colostate.edu

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

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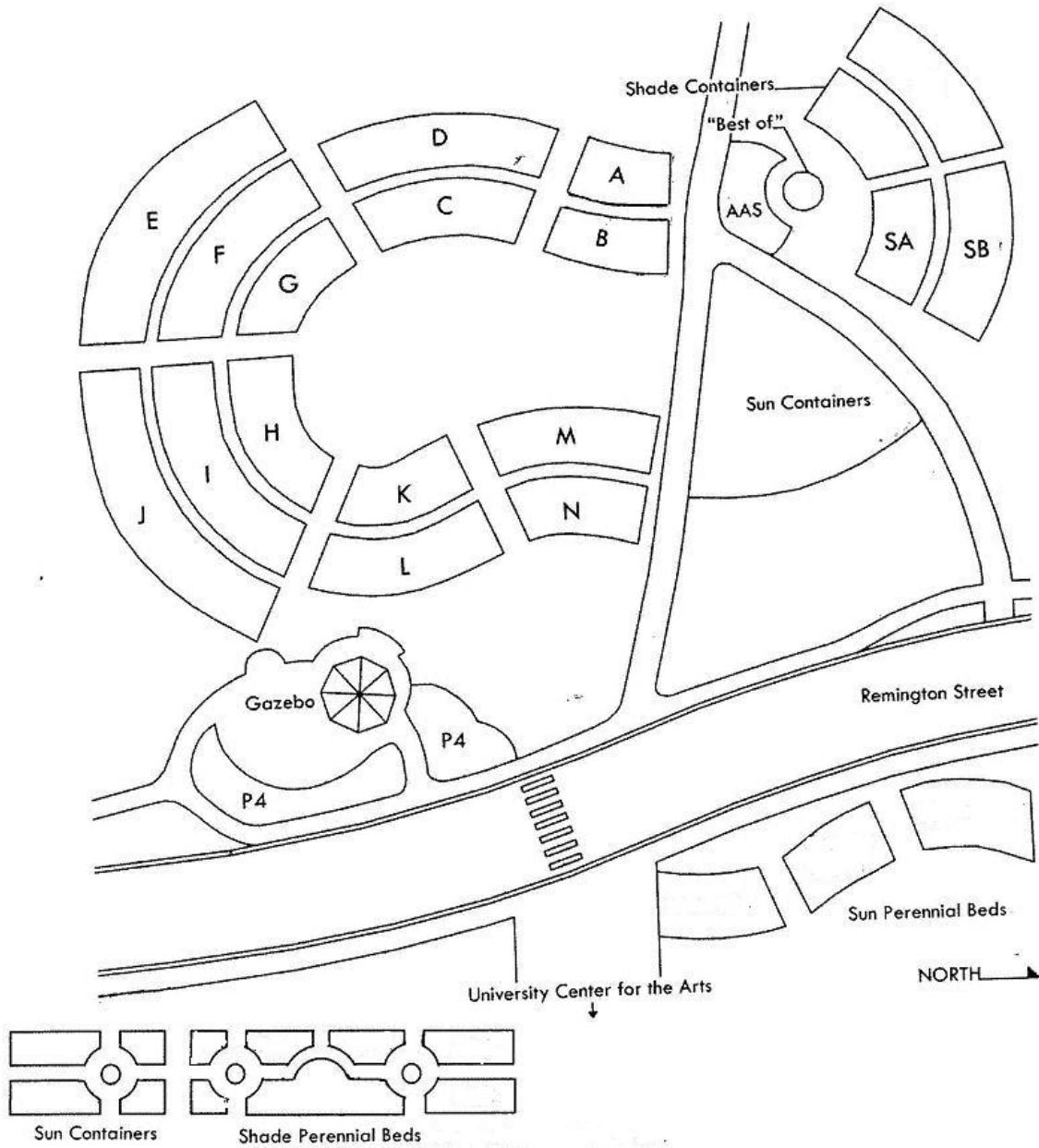
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GARDEN MAP



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

Colorado State University

2013 Perennial Trial Garden

Performance Report

Dr. James E. Klett, David Staats and Vanessa Sandoval

Introduction

The W. D. Holley Plant Environmental Research Center (PERC) on the Colorado State University campus has been in operation for 41 years. Dr. James E. Klett is the Director of PERC and the faculty coordinator for the Annual and Perennial Flower Trial Gardens. In 2000, the trial garden was moved from its site at PERC to the park located on Remington and Lake Street. The relocation of the 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 two complete years to determine hardiness and consistent landscape performance.

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

The project is funded, in most part, 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 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 13 plant and seed companies participated in the trials, entering 141 varieties of herbaceous perennial plants:

Ball Ingenuity	Selecta
Blooms of Bressingham	Skagit Gardens
Darwin Perennials	Star Roses and Plants/ Conard-Pyle Co.
Creek Hill Nsy. & Eason Horticultural Resources	Suntory
Greenfuse	Terra Nova Nurseries
Kieft Pro-Seed	Walters Gardens/ Proven Winners
Pacific Plug and Liner	

We would like to recognize several companies that have donated supplies to the program. Thanks are extended to Green Care Fertilizers, Inc. for donating the water soluble fertilizer used in both the greenhouses and the garden. We would like to thank Sun Gro Horticulture, Inc. for donating the potting media for all the vegetatively propagated plants grown in our greenhouses. Thank you to Scotts-Sierra for donating the slow release fertilizer that was also used in the ground beds. And thank you to American Clay for donating 4 inch pots and trays for greenhouse production.

We would like to thank our Annual Trial Garden Advisory Committee for their constant advice and feedback on the overall operation of the trials. We are fortunate to have such a diverse group of industry leaders that are willing to volunteer their time for the benefit of our program. Our committee is comprised of the following individuals:

Brian Austin (Dutch Heritage Gardens), Danny Brooks (Benary Seed), Ron Brum (Ball Horticultural Company), Maria Bumgarner (Denver Botanic Gardens), Jim Devereux (Michell's), Galen Dokter (Syngenta), Sharon Kendall (Tagawa Greenhouses), Julie Lehman (City Park Greenhouse), Luke Ellington, (Express Seed Company), Al Gerace (Welby Gardens), Dan Gerace (Welby Gardens), Traicer Gray (Elitch Gardens), Paul Hammer (Dummen USA), Callie LaHaie (City of Boulder), Harvey Lang (Syngenta Flowers), Aaron McDonald (Botany Lane Greenhouse), Merle Moore (retired, Denver Zoological Gardens), Reese Niles (Walters Gardens), Wayne Pianta (PanAmerican Seed), Gene Pielin (Gulley Greenhouse), Eric Pitzen (Syngenta Flowers), Diana Reavis (Eason Horticultural Resources Inc.), Mark Sanford (S&G Flowers), Mark Seguin (Sakata), Duane Sinning (Cargill), Lida Sladkova (Fides NA), Susan Stauber (Ball Horticultural Company), Keith Stieduhar (City of Westminster), Karl Trellinger (Syngenta Flowers) and Frank Yantorno (Center Greenhouse, Inc.)

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

Ron Brum (Ball Horticultural Company), Maria Bumgarner (Denver Botanic Gardens), Galen Dokter (Syngenta), Gary Douglas (Retired Denver City Park Greenhouse), Dan Gerace (Welby Gardens), 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 PERC staff at the university that has worked diligently to prepare and maintain the garden. These people include:

Horticulture Research Associate	David Staats
Perennial Trial Coordinator	Vanessa Sandoval
Undergraduate PERC Staff	Hunter Konchan Morgan Wiese

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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www.flowertrials.colostate.edu

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

Cultural Data¹

Growing

Vegetative propagated plants did not arrive all at the same time or the same growth stage. Most of the new entries were planted in the garden in June. There was a second fall planting in September for a company that had later shipment (noted in the comment section for the appropriate plant). Some vegetative varieties were received as plugs and transplanted into 4" pots shortly after arriving at Colorado State University. They were planted into the garden when they established well in a 4" pot. Some entries arrived in larger containers and were planted directly into the garden.

Fertilization in the Greenhouses

Dosatron[®] fertilizer injectors rated at 7 GPM were used in the greenhouses to fertilize plants each day they were watered, with the exception of being watered every weekend with clear water. Greencare 20-10-20 water soluble fertilizer was used. All plants were grown in the greenhouses at PERC. They received fertilization at a rate of 200ppm.

Chemicals Used in the Greenhouses

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

Other chemical treatments that were applied in the greenhouse are as follows:

May 10th: Miticide was applied for spider mites.

May 20th: Insecticidal soap was applied for aphids.

Soil Amendments and Preparation

All beds were raked clean of old mulch, dead plant material and weeds prior to planting. Areas where new varieties would be planted were amended with compost.

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 tilled prior to planting new varieties. Planting holes were prepared with an auger to the correct depth for root ball prior to planting.

¹ 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 ten 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 two feet between entries.

Watering

All beds in the garden were zoned with the same water requirements. 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 1-1.5 inches per week depending on the variable precipitation and the need to establish newly planted varieties. The irrigation was sometimes adjusted as needed to make sure plants were not stressed. During the winter, plants are watered by hose and sprinkler as needed during extreme dry spells.

Fertilization in the Garden

After planting, Osmocote® (15-9-12) was applied to all beds at the rate of 8 grams/sq. ft. (suggested medium rate on label). Greencare water soluble fertilizer (20-10-20) was dispensed through a 100 GPM Dosatron® one to two times a week at a rate of 150 ppm.

Maintenance of Flowers

All flowers were deadheaded as needed to give a clean appearance and encourage secondary blooming. After a killing frost in the fall, plants are cut back to the ground unless they have winter interest.

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

Malathion was applied on July 4th and July 13th to control flea beetles. Plants that were treated were Arabis 'Lotti Deep Rose' and Arabis 'Lotti White'.

Disease Control in Garden

Powdery mildew was a problem on several varieties late in the summer and it was noted in the comment section of the data tables. No chemical control was used since it was important to evaluate the entries in garden conditions typically found in this region. Dianthus entries were diagnosed with *Alternaria dianthicola*/Alternaria leaf blight by the Colorado State University Plant Diagnostic Clinic on August 9th, 2013. *Sclerotinia sclerotiorum*/ cottony stem rot was also found on Gaillardia 'Mesa Peach' in early September 9th, 2013. Echinacea, Phlox, Veronica entries that showed aster yellow symptoms are noted in the comment section of the data tables. Aster yellows symptoms observed include phyllody, yellowing and stunting.

Dates of Severe Weather

The 2013 spring growth was held back because late spring snow. The weather was dry and hot in the month of June. Late in the growing season Colorado had good amount of rain that made conditions wetter than usual. The first hard frost date was October 16, 2013.

Monthly Temperatures and Precipitation for Winter 2012-2013

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
November	56.0 ° F	27.7 ° F	0.14
December	43.9 ° F	18.0 ° F	0.40
January	45.6° F	15.5 ° F	0.11
February	45.2° F	18.1° F	0.55
March	53.4 ° F	26.3 ° F	0.98

Monthly Temperatures and Precipitation for Summer 2013

Month	Avg. Maximum Temperature	Avg. Minimum Temperature	Precipitation (Inches)
April	57.1° F	30.4° F	2.84
May	71.8° F	44.5 ° F	2.83
June	86.1° F	54.6° F	0.59
July	85.9° F	59.4° F	1.90
August	86.7° F	57.5° F	0.57
September	77.0° F	52.8° F	6.09
**October	64.0° F	36.0° F	1.50

*Weather information for the Annual Flower Trial Garden area provided by the Department of Atmospheric Science at Colorado State University: <http://ccc.atmos.colostate.edu/>

**Weather information for the month of October was obtained from weather.com.

Data Collection Methods

Plant Size

Height and width measurements were taken once toward the end of the growing season on September 3rd. This was done to get a feel for the average size of the mature plants and each variety's growth performance. For plants that were planted in 2013, their height and widths were 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

Soil samples were taken from individual ground beds on September 16th and were combined into a single sample per category for each bed.

Soil Analysis

Month	PH	E.C. mmhos/ cm	Lime Estimate	% O.M.	NO ₃ - N	P	K	Zn	Fe	Mn	Cu	Texture
Sun 9/16/13	7.1	0.4	Medium	11.9	6.6	120	354	12.2	82.2	1.4	2.0	Sandy Clay Loam
Shade 9/16/13	7.2	0.4	Medium	9.8	8.8	212	450	21.7	131	2.4	2.6	Sandy Clay Loam

Performance Evaluation

Photos and data on plants and flowers were collected on a bi-weekly basis from May to early October. Dead plants in the trial were not considered in the bi-weekly evaluation; thus, the ratings given only reflect the live plants. Members from the Perennial Trial subcommittee also came and wrote comments for each plant in June, July, August and September. Plants and flowers were rated 1-5 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 October 23, 2013 a conference call was convened with CSU staff and the Perennial Trial Garden Subcommittee. Pictures of entries from 2011 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”.

Update on “Top Performers” for the 2013 Season

Class of 2011 and Grown in 2013 (2 winters)

***Anemone hupehensis* ‘Pretty Lady Diana’** ^{PP #22,332} (**Pretty Lady Diana Windflower**) - from Blooms of Bressingham

Plants continued to be solid performers. Plants produced lots of deep pink blooms in August until early October. Pretty Lady Diana Windflower plants were healthy and vigorous. Judges mentioned that the plants would not take up a lot of space and would be great for a small garden or in a mix border. Bred by Yoshihiro Kanazawa. Planted in 2011.

Baptisia Decadence[®] **‘Lemon Meringue’** ^{PPAF} (**Lemon Meringue False Indigo**) - from Walters Gardens/ Proven Winners

Judges stated that Lemon Meringue False Indigo continued to amaze in the 2013 growing season. They also mentioned that the blooms have a clear crisp yellow flower color. Plants were vigorous and strong. Even though blooms were brief the plants had an open airy habit and nice foliage to enjoy the rest of the season. Planted in 2011.

***Geranium* ‘Eureka Blue’** ^{PP #22,270} (**Eureka Blue Cranesbill**) - from Blooms of Bressingham

Eureka Blue Cranesbill continued to impress with their extreme color impact with their bright violet blooms. Judges mentioned that this plant would be a great landscape variety because it looks good even when not in bloom. Plants had healthy foliage all season long. Bred by Brian Kabbes. Planted in 2011.

Hibiscus Summerific[®] **‘Cranberry Crush’** ^{PP #21,984} (**Cranberry Crush Rose Mallow**) - from Walters Gardens/ Proven Winners

Judges stated that Cranberry Crush Rose Mallow continued to be a fantastic grower with its dark red blooms and dark glossy foliage. The leaves were deeply lobed and had an attractive dark red hue that matured into dark green. Judges noted that these plants gave the garden a dramatic tropical effect and would be great for late summer color in the back of a border. Bred by Clarence H. Falstad. Planted in 2011.

***Nepeta* ‘Novanepjun’** ^{PP #23,074} (**Junior Walker** TM **Catmint**) - from Star Roses and Plants/ The Conard-Pyle Co.

Junior Walker Catmint continued to perform nicely. Vigorous plants were very floriferous with bright lavender flowers. Plants continued to be a great intermediate size at the size of 18 inches in height and 28 inches in width. Plants filled in the space quickly making a great ground cover. Bred by Michael S. Dobres. Planted in 2011.

NEW “Top Performers” for the 2013 Season

Class of 2011 and Grown in 2013 (2 winters)

***Anemone hupehensis* ‘Pretty Lady Emily’^{PP# 22303} (Pretty Lady Emily Windflower)** -from Blooms of Bressingham

This Anemone had great flower power late in the season. Judges stated that the double light pink flowers were unique and that the plants were an amazing flowering machine. The foliage was dark green and stayed healthy all season long. Bred by Yoshihiro Kanazawa. Planted in 2011.

***Penstemon schmidel* ‘Blue Riding Hood’^{PP# 23066} (Riding Hood™ Blue Beardtongue)** -from Pacific Plug and Liner

Judges stated that Blue Riding Hood Beardtongue plants are strong with a good blue flower color. Plants put on a great flower show in June. Plant growth habit was uniform and compact. The foliage was a glossy and medium green in color. Bred by Remy Lubbe. Planted in 2011.

***Phlox glaberrima ssp. triflora* ‘Triple Play’^{PP# 21329} (Triple Play Smooth Phlox)** -Creek Hill Nsy. & Eason Horticultural Resources

Judges stated that Triple Play Smooth Phlox serves several functions. The plant’s blooms were pink and complemented the variegated white and green foliage. Even when there are no blooms this variegated ground cover gives interest to the garden all season long. Bred by Janet Sacks and Martin Schafer. Planted in 2011.

***Salvia nemorosa* ‘Balyriclu’^{PP# 22919} (Lyrical Blues Meadow Sage)** –from Darwin Perennials

Lyrical Blues Meadow Sage had great flower power with its purple blooms. Judges stated that the plant’s uniformity and clean foliage made the plants enjoyable even when not in bloom. They also mentioned that the blooms are attractive as they age and flower stems keep their color for a long time. Bred by Lynne Knosher. Planted in 2011.

“Too Good To Wait Performer” for the 2013 Season

2012 Class and Grown in 2013 (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”.

***Agastache* ‘Blue Boa’^{PPAF} (Blue Boa Hummingbird Mint) –Terra Nova Nurseries**

Judges were impressed with Blue Boa Hummingbird Mints non-stop flower power. Plants produced bright lavender blooms heavily throughout the growing season. Judges stated that this plant is drought tolerant, a bee attractor and will bring great joy to home gardeners. Planted in 2012.

Entries that Failed to Overwinter

Few 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 zero survival rates for the 2012-2013 winter.

Genus	Cultivar	Company	Year Planted
Agastache	‘Grapefruit Nector’	Pacific Plug and Liner	2011
Agastache	‘Tango’	Creek Hill Nsy. & Eason Horticultural Resources	2012
Coreopsis	‘Big Bang™ Cosmic Evolution’	Skagit Gardens	2011
Coreopsis	‘Citrene’	Terra Nova Nurseries	2012
Coreopsis	‘Mercury Rising’	Skagit Garden, Inc.	2012
Hakonechloa	‘Fubuki’	Creek Hill Nsy. & Eason Horticultural Resources	2011
Leucanthemum	‘Goldfinch’	Terra Nova Nurseries	2012
Penstemon	‘Delft Blue Riding Hood’	Pacific Plug and Liner	2011
Viola	‘Blackout’	Darwin Perennials	Fall 2011

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Anemone hupehensis	Lady Diana Windflower	Blooms of Bressingham	Pink	H: 25 W: 23	2011
	Rating July:	4	Comments:	Uniform habit, good vigor, good foliage color, with bud	
	Rating Aug.:	4.5	Comments:	Compact, uniform habit, many flowers, deep green foliage color, starting to flower	
	Rating Sept.:	4.5	Comments:	Full color	
	# Planted:	18	% Survived:	100%	
	Coordinator Comments:	Plants were healthy and vigorous all season long. Plants have a spreading habit through rhizomatous growth. Plants had great flower power starting in August and continued into early October.			
Anemone hupehensis	Lady Emily Windflower	Blooms of Bressingham	Light Pink	H: 22 W: 20	2011
	Rating July:	3	Comments:	Budded, inconsistent growth	
	Rating Aug.:	4.5	Comments:	Uniform, compact plants, strong color impact, budded	
	Rating Sept.:	3.5	Comments:	Full color, good double flower	
	# Planted:	18	% Survived:	94%	
	Coordinator Comments:	Healthy growth started non-uniform, but by the end of the season filled in nicely with a more uniform form. Double pink blooms were abundant in mid-August until early October. Plants gave a great flower show.			
Anemone hupehensis	Lady Susan Windflower	Blooms of Bressingham	Pink	H: 21 W: 18	2011
	Rating July:	3	Comments:	Lacks uniformity and vigor of Lady Diana, budded, inconsistent growth	
	Rating Aug.:	3.5	Comments:	Not as impressive as Lady Diana but still very good, budded	
	Rating Sept.:	3.5	Comments:	Full color, good	
	# Planted:	18	% Survived:	100%	
	Coordinator Comments:	Growth habit was not uniform. Plants were healthy all season and spread through rhizomatous growth. Plants had pink blooms in late August until early October. 'Lady Susan' was not as floriferous as 'Lady Diana'. Plants need more flower power.			
Baptisia	Lemon Meringue False Indigo	Walters Gardens/ Proven Winners	Yellow	H: 41 W: 37	2011
	Rating July:	4	Comments:	Vigorous, uniform habit, premium quality	
	Rating Aug.:	4.5	Comments:	Huge plants	
	Rating Sept.:	4	Comments:	Premium quality, foliage yellowing now	
	# Planted:	18	% Survived:	94%	
	Coordinator Comments:	Plants produce bright yellow blooms that turn into a pastel yellow as it ages. The plants had slight chlorotic foliage through out the growing season. Plants were vigorous and strong growers. Plants rarely produced seedpods this season (if so seedless).			
Buddleia	Burncross Butterfly Bush	Blooms of Bressingham	Light Lavender	H: 6 W: 18	2011
	Rating July:	2	Comments:	Variegated form died out and reverted to green foliage, some color, lost variegation	
	Rating Aug.:	0.5	Comments:	1 plant, low vigor	
	Rating Sept.:	2.3	Comments:	Full color, only one plant left, reverted	
	# Planted:	14	% Survived:	14%	
	Coordinator Comments:	Only two plants survived. One plant has completely reverted to green foliage. One plant was variegated but had very low vigor. The green plant was very vigorous and large. Blooms were a pale lavender color.			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None.

Average ratings based on evaluations by Perennial subcommittee members. Percent survival from initial planting. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Centaurea montana	Black Sprite Perennial Cornflower	Skagit Gardens	Dark Maroon	H: 12 W: 22	2011
	Rating July: 2	Comments: Shaded out, good plant, lacks: 1. vigor 2. uniformity 3. color impact			
	Rating Aug.: 1	Comments: Over grown			
	Rating Sept.: 2	Comments: Good plant			
	# Planted: 22	% Survived: 55%			
	Coordinator Comments: Plants started out chlorotic but greened up as the season progressed. Light green foliage. Plants had low vigor. Blooms were a deep maroon that almost appear black. Plants produced few blooms.				
Coreopsis verticillata	Tweety Tickseed	Darwin Perennials	Yellow	H: 7 W: 10	2011
	Rating July: 1	Comments: Sickly looking plants, no flower, good plant			
	Rating Aug.: 2	Comments: Weak, anemic plants, no flowers, looked better earlier in the season			
	Rating Sept.: 1.7	Comments: With bud, interesting, browning out, not flowering			
	# Planted: 16	% Survived: 56%			
	Coordinator Comments: Plants had non-uniform growth. Foliage was interesting with fine leaves but also chlorotic. Plants produced very few blooms that were small and yellow.				
Delphinium chinensis	Diamonds Blue Delphinium	Kieft	Blue	H: 27 W: 40	2011
	Rating July: 1	Comments: Stems not strong enough to support flowers with overhead irrigation, great flower color, past flowering			
	Rating Aug.: 1.5	Comments: No flowers, stems lodging, floppy			
	Rating Sept.: 1	Comments: Past flowering, floppy, dead			
	# Planted: 24	% Survived: 75%			
	Coordinator Comments: Plants started lodging at the end of June. By early July plants had lodged severely. Blooms are very attractive deep blue color. Very vibrant and eye catching. Early August plants got severe powdery mildew. Most of the plants by the end of the season had died back.				
Dianthus barbatus interspecific	Bouquet Purple Pinks	Kieft	Fuschia	H: 4 W: 6	2011
	Rating July: 1	Comments: Plants lack uniform vigor and habit, past flowering			
	Rating Aug.: 1	Comments: Several anemic plants, low vigor, out of bloom			
	Rating Sept.: 1.3	Comments: Young plant			
	# Planted: 22	% Survived: 32%			
	Coordinator Comments: Plants had low vigor and non-uniform growth. Bloom color was fuschia. In August plants got Alternaria leaf blight. Plants were cut back. New growth started but plants had low vigor.				
Dianthus hybrid	Pomegranate Kiss Pinks	Walters Gardens/ Proven Winners	Maroon w/ Pink Streaks	H: 8 W: 11	2011
	Rating July: 2	Comments: Past peak bloom, compact uniform habit, past flowering			
	Rating Aug.: 4	Comments: Uniform, compact plants, few flowers			
	Rating Sept.: 3.3	Comments: Some color, growth opened and shows brown centers, still some flowers, great habit			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Foliage was attractive with blue linear leaves. Blooms were maroon with pink marbled into it. Plants had great uniformity in growth habit but could use more flower power. Early September plants showed slight symptoms of Alternaria leaf spot.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Echinacea purpurea	Little Annie Coneflower	Walters Gardens/ Proven Winners	Pink	H: 17 W: 24	2011
	Rating July: 3	Comments: Some reverting, variable habit and vigor equals variable color compact, non-uniform, full color, big and small plants			
	Rating Aug.: 3.5	Comments: Compact, strong color impact, the 'Little Annie' plants look good a rogue plant spoils show			
	Rating Sept.: 3	Comments: Full color, one floppy rouge			
	# Planted: 16	% Survived: 75%			
	Coordinator Comments: Plants were non-uniform in growth habit. Most plants were the compact 'Little Annie' form and 4 were large plants. Plants had light pink flowers and true 'Little Annies' had good flower power. Plants had slight aster yellow symptoms.				
Echinacea purpurea	PowWow White Coneflower	Kieft	White	H: 25 W: 25	2011
	Rating July: 3	Comments: Good vigor, good color impact, inconsistant growth, full color			
	Rating Aug.: 3	Comments: Past peak bloom, good color impact, not bad			
	Rating Sept.: 3	Comments: Full color, still ok			
	# Planted: 16	% Survived: 69%			
	Coordinator Comments: Plants were non-uniform. Plants had good flower power. Blooms were a off-white color. Plants display moderate aster yellows symptoms.				
Echinacea purpurea	PowWow Wild Berry Coneflower	Kieft	Pink	H: 27 W: 29	2011
	Rating July: 3	Comments: Lack uniform habit, strong flower color, inconsistant growth, full color			
	Rating Aug.: 2.5	Comments: Past peak bloom, good color impact, few plants left			
	Rating Sept.: 2.7	Comments: Full color, overhill, cut back			
	# Planted: 16	% Survived: 38%			
	Coordinator Comments: Growth habit was non-uniform. Blooms were a bright pink. Two plants were stunted. In August plants showed slight aster yellows symptoms.				
Echinacea x purpurea	Double Scoop Bubble Gum Coneflower	Darwin Perennials	Pink	H: 41 W: 42	2011
	Rating July: 3	Comments: Vigorous, uniform, strong color impact, too floppy, full color			
	Rating Aug.: 1.5	Comments: Stems cannot support weight of the flowers, floppy			
	Rating Sept.: 1.7	Comments: Full color, lodging, floppy, dirty looking			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Lower ray florets on flower head are a light pink and contrast nicely with the deeper pink disc florets. Plants produced a great flower show. Slight aster yellows symptoms in early July and slowly increased to severe phyllody symptoms by September.				
Echinacea x purpurea	Double Scoop Raspberry Coneflower	Darwin Perennials	Pink	H: 30 W: 49	2011
	Rating July: 3	Comments: Uniform habit, good color, too floppy, lodging, full color			
	Rating Aug.: 1.5	Comments: Stems cannot support weight of flowers, floppy			
	Rating Sept.: 1.7	Comments: Full color, lodging, floppy, dirty looking			
	# Planted: 18	% Survived: 83%			
	Coordinator Comments: Plants were not uniform in growth habit. Big double deep pink blooms started late June and slowed down in early September. Plants were severely lodged by early August. Plants displayed moderate aster yellows symptoms at end of 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 survival from initial planting. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Echinacea x purpurea	Sombrero Hot Coral Coneflower	Darwin Perennials	Coral/Orange	H: 18 W: 15	2011
	Rating July: 3	Comments: Love the flower color, question vigor, good color, full color			
	Rating Aug.: 1.5	Comments: Vigorous growth, good color impact			
	Rating Sept.: 2	Comments: Full color, lodging			
	# Planted: 24	% Survived: 8%			
	Coordinator Comments: Only two plants survived. Plants were petite compact growers. Flowers were very attractive color. Blooms start out orange that ages to coral pink. No aster yellows.				
Echinacea x purpurea	Sombrero Salsa Red Coneflower	Darwin Perennials	Red	H: 28 W: 41	2011
	Rating July: 4	Comments: Knock your socks off red, strong color impact, uniform habit, full color			
	Rating Aug.: 4.5	Comments: Strong color impact, uniform habit, the best even when fades			
	Rating Sept.: 3.7	Comments: Full color, still pretty good, floppy because of heavy blooms			
	# Planted: 18	% Survived: 67%			
	Coordinator Comments: Plants started out slightly chlorotic but greened up nicely. Plants are very floriferous. The blooms were a very attractive red that hold its color for a long time. As the flowers start to age they still look attractive. Plants had slight aster yellows symptoms late in the season.				
Echinacea x purpurea	Sombrero Sandy Yellow Coneflower	Darwin Perennials	Yellow	H: 27 W: 22	2011
	Rating July: 4	Comments: Color impact is strong, uniform habit though some plants missing, full color			
	Rating Aug.: 3.5	Comments: Good color impact, doesn't keep up			
	Rating Sept.: 2.7	Comments: Full color, color is cream, weak			
	# Planted: 18	% Survived: 50%			
	Coordinator Comments: Plants started out chlorotic but greened up later in the season. Blooms were a light yellow that age to a cream yellow. Blooms got dirty and unattractive as they aged. Plants got slight aster yellows symptoms late in the season.				
Gaillardia x grandiflora	Commotion® Moxie Blanket Flower	Skagit Gardens	Yellow	H: 23 W: 43	2011
	Rating July: 3	Comments: Good vigor, uniform habit, strong color impact, floppy, full color			
	Rating Aug.: 2.5	Comments: Past peak bloom but good color, tall floppy			
	Rating Sept.: 3	Comments: Some color, it's okay			
	# Planted: 18	% Survived: 11%			
	Coordinator Comments: Two plants survived. Plants were vigorous and had clean foliage. Flowers are very attractive and interesting. The ray florets are tubular and yellow. In August both plants opened up slightly in centers.				
Gaillardia x grandiflora	Mesa Yellow Blanket Flower	Kieft	Yellow	H: 20 W: 40	2011
	Rating July: 3	Comments: Only one plant, no comparison possible, flopped, lodging, full color			
	Rating Aug.: 2	Comments: Lodging from weight of flowers, past peak blooming but some color, taller, floppy, less color			
	Rating Sept.: 2.5	Comments: Past flowering, open center			
	# Planted: 18	% Survived: 5%			
	Coordinator Comments: One plant survived. Plant had nice clear yellow blooms. Foliage was clean and healthy. At the end of August plant lodged open in the center of plant.				

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None.

Average ratings based on evaluations by Perennial subcommittee members. Percent survival from initial planting. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Geranium	Eureka Blue Cranesbill	Blooms of Bressingham	Blue/Purple	H: 26 W: 38	2011
	Rating July: 3	Comments: Vigorous, uniform habit, large flowers, strong color impact, too big, past flowering			
	Rating Aug.: 4.5	Comments: Uniform habit, good vigor, no flowers, huge plants that are getting bigger			
	Rating Sept.: 4	Comments: Premium quality, huge and bold plants, not flowering much, nice plant			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Healthy plants were vigorous and larger. Plants were very floriferous with a huge color impact. Blooms started end of May and continued to the end of July. Plants growth was uniform but by end of season plants lodged slightly.				
Heuchera villosa	Big Top Burgundy Coral Bells	Darwin Perennials	White	H: 19 W: 17	2011
	Rating July: 2	Comments: Variable vigor, lacks durability, die back, some color, lost a lot of plants			
	Rating Aug.: 3	Comments: Questionable vigor, velvety look, plants missing			
	Rating Sept.: 3.5	Comments: Full color			
	# Planted: 18	% Survived: 44%			
	Coordinator Comments: Plants had low survival rate because of grubs in stems of plants that died. Foliage is a dark burgundy that matures to a dark green color. White blooms were not significant.				
Heuchera villosa	Big Top Gold Coral Bells	Darwin Perennials	*NA	H: 6 W: 14	2011
	Rating July: 1	Comments: Variable vigor, lacks durability, die back, good plant			
	Rating Aug.: 2	Comments: Low vigor, small, having a tough time			
	Rating Sept.: 2.5	Comments: Good plant			
	# Planted: 18	% Survived: 39%			
	Coordinator Comments: Plants had low survival rate because of grubs in stems in dead plants. Plants had low vigor. Foliage new growth was peach and as it ages turns yellow. No blooms.				
Hibiscus hybrid	Cranberry Crush Rose Mallow	Walters Gardens/ Proven Winners	Deep Red	H: 60 W: 44	2011
	Rating July: 4	Comments: Good vigor, red veins in leaves adds interest, some color, few blooms			
	Rating Aug.: 4.5	Comments: Vigorous, uniform, deep green foliage, velvety deep red flowers, strong color impact, needs flower power			
	Rating Sept.: 3.5	Comments: Some color, tall but nice			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Growth was upright and uniform in habit. Deep red blooms averaged around 6 inches wide and were abundant. Trilobed leaves started with a red hue that matured into a deep green. Peduncle w/ ovary and calyx dried on plant making plants look slightly messy.				
Hibiscus moscheutos	Cristi Rose Mallow	Creek Hill Nsy. & Eason Horticultural Resources	Red	H: 46 W: 54	2011
	Rating July: 4	Comments: Good vigor, uniform habit, budded			
	Rating Aug.: 3	Comments: Uniform habit, few flowers, plants not as good but flower galore			
	Rating Sept.: 4	Comments: Full color, where's the flower power?			
	# Planted: 15	% Survived: 73%			
	Coordinator Comments: Plants naturally had an open growth habit. Plants were uniform. Leaves were medium green with ovate-cordate shape. Blooms averaged about 10 inches across giving a dramatic look with the huge blooms.				

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None.

Average ratings based on evaluations by Perennial subcommittee members. Percent survival from initial planting. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Hibiscus moscheutos	Luna Red Rose Mallow	Kieft	Red	H: 36 W: 32	2011
	Rating July: 3	Comments: Budded			
	Rating Aug.: 3	Comments: Compact habit, good color impact, needs flower power			
	Rating Sept.: 4	Comments: Full color, tons of blooms			
	# Planted: 12	% Survived: 75%			
	Coordinator Comments: The plants were compact petite growers. Foliage was a light green and cordate to ovate in shape. Blooms averaged about 5 inches across. Could use some more flower power.				
Hosta	Autumn Frost Hosta	Walters Gardens/ Proven Winners	Light Lavender	H: 12 W: 17	2011
	Rating July: 4	Comments: Uniform, compact habit, good foliage color impact, with bud			
	Rating Aug.: 5	Comments: Attractive variegated foliage with complementary flowers, uniform habit, striking color combo			
	Rating Sept.: 3.7	Comments: Some color, striking, nice but nothing special			
	# Planted: 20	% Survived: 95%			
	Coordinator Comments: Plants had uniform and compact growth habit. Strong variegation in foliage that starts yellow w/ green and matures to a cream white w/green. Light lavender blooms were attractive but the main interest of plant was the foliage.				
Lavandula angustifolia	Ellagance Snow Lavender	Kieft	White	H: 16 W: 22	2011
	Rating July: 3	Comments: Only one plant, no comparison possible, some color			
	Rating Aug.: 3	Comments: Lacks color			
	Rating Sept.: 3	Comments: Some color, just showing color			
	# Planted: 10	% Survived: 10%			
	Coordinator Comments: Only one plant survived. The plant was compact with fragrant foliage. Plant produce white flowers. Plant filled in nicely. Mid-September plants opened up slightly after rain storm.				
Leucanthemum x superbum	Banana Cream Shasta Daisy	Walters Gardens/ Proven Winners	Light Yellow	H: 9 W: 14	2011
	Rating July: 2	Comments: Like flower color but otherwise plants lack vigor, slugs, good plant			
	Rating Aug.: 1.5	Comments: Lack vigor, few flowers, out of bloom			
	Rating Sept.: 2	Comments: Good plant			
	# Planted: 20	% Survived: 15%			
	Coordinator Comments: Few plants survived the winter. Plants this season had low vigor and were small. Blooms were a light yellow that aged to cream. Very few flowers were produced.				
Nepeta 'Novanepjun'	Junior Walker Catmint	Star Roses and Plants/ The Conard-Pyle Co.	Lavender	H: 18 W: 28	2011
	Rating July: 4	Comments: Past peak bloom, uniform habit, compact, past flowering			
	Rating Aug.: 3.5	Comments: Non-uniform habit, few flowers, full but losing color			
	Rating Sept.: 4	Comments: Some color, too much green			
	# Planted: 15	% Survived: 100%			
	Coordinator Comments: Blooms were a bright lavender that started at the end of May and continued strong until mid August. The uniform plants lodged at the end of June. Plants were quick to fill open spots with new growth but it was no longer uniform.				

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None.

Average ratings based on evaluations by Perennial subcommittee members. Percent survival from initial planting. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Panicum	Cheyenne Sky Red Switch Grass	Walters Gardens/ Proven Winners	Tan	H: 49 W: 33	2011
	Rating July: 4	Comments: Uniform habit, minimal red color in foliage, some color			
	Rating Aug.: 4.5	Comments: Uniform habit, good reddish tints to foliage, it's okay			
	Rating Sept.: 4.7	Comments: Full color, good movement and leaf color, awesome color			
	# Planted: 14	% Survived: 71%			
	Coordinator Comments: Plants had uniform growth habit. Foliage starts out green but starts having a red hue to tips starting late July. The red hue deepens to a maroon hue. Plants have an elegant form and panicles are attractive.				
Penstemon schmidel	Blue Riding Hood Beardtongue	Pacific Plug and Liner	Blue, Purple Throat	H: 18 W: 21	2011
	Rating July: 3	Comments: Vigorous, uniform habit, evidence of strong bloom early in the season, cut back			
	Rating Aug.: 3.5	Comments: No flowers, uniform habit, good plants, blooms to come			
	Rating Sept.: 4	Comments: Cut back, it's growing back			
	# Planted: 28	% Survived: 89%			
	Coordinator Comments: Plants had uniform growth habit. Big flower show in June with true blue flowers with a purple throat. Creates seedheads that need to be deadheaded. In August plants had slight symptoms of Alternaria leaf blight.				
Penstemon schmidel	Hot Pink Riding Hood Beardtongue	Pacific Plug and Liner	Hot Pink	H: 9 W: 12	2011
	Rating July: 2	Comments: Only one plant, no comparison possible, past flowering			
	Rating Aug.: 1	Comments: Overgrown			
	Rating Sept.: 2.5	Comments: Full color, crowded out			
	# Planted: 28	% Survived: 4%			
	Coordinator Comments: Only one plant survived. Plant produced bright pink blooms. Plant had low vigor. In September Alternaria leaf blight show and progressed to moderate symptoms.				
Penstemon schmidel	Lavender Riding Hood Beardtongue	Pacific Plug and Liner	Purple	H: 19 W: 15	2011
	Rating July: 2	Comments: Past peak bloom, some color remaining, some color			
	Rating Aug.: 2.5	Comments: Past peak bloom but some color, overgrown			
	Rating Sept.: 2.5	Comments: Cut back, crowded out but fighting back			
	# Planted: 28	% Survived: 29%			
	Coordinator Comments: Plants were not uniform and had low vigor. Blooms were pink. Plants declined at the end of July. By October plants had moderate symptoms of Alternaria leaf blight.				
Penstemon schmidel	Marble Riding Hood Beardtongue	Pacific Plug and Liner	Light Pink	H: 22 W: 18	2011
	Rating July: 3	Comments: Vigorous, uniform habit, evidence of strong bloom early in season, cut back			
	Rating Aug.: 4	Comments: Uniform habit, few flowers, cut back, vigorous			
	Rating Sept.: 3	Comments: Cut back			
	# Planted: 28	% Survived: 96%			
	Coordinator Comments: Lots of pink blooms in June to early July. Plants produce seeds and needs to be deadheaded. Plants are compact with glossy green foliage. In September some stems in plants had some dieback.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Penstemon schmidel	Purple Riding Hood Beardtongue	Pacific Plug and Liner	Pink	H: 9 W: 25	2011
	Rating July: 2	Comments: Variable vigor, lack uniform habit, past peak bloom, some color			
	Rating Aug.: 3	Comments: Past peak bloom but some color, refuses to not bloom			
	Rating Sept.: 3	Comments: Some color, will keep blooming			
	# Planted: 28	% Survived: 43%			
	Coordinator Comments: Plants were non-uniform. Plants produced dark purple blooms with fuchsia throat. The plants had a long bloom season as they bloomed in June and rebloomed nicely in September. Plants had slight Alternaria symptoms in October. Two plants died back during growing season.				
Phlox glaberrima	Triple Play Smooth Phlox	Creek Hill Nsy. & Eason Horticultural Resources	Light Pink	H: 20 W: 21	2011
	Rating July: 3	Comments: Foliage color lacks "punch", uniform habit, compact, good vigor, past flowering			
	Rating Aug.: 3.5	Comments: compact uniform habit, bloomed out, interesting			
	Rating Sept.: 4	Comments: Past flowering, all about the plant			
	# Planted: 15	% Survived: 100%			
	Coordinator Comments: Plants have an attractive cream white and light green variegation on foliage. Plants have semi-double pink blooms in June. The flowers have short life and do not rebloom, but the variegated foliage gives a great interest the rest of season.				
Phlox paniculata	Shockwave Garden Phlox	Walters Gardens/ Proven Winners	Light Pink	H: 41 W: 38	2011
	Rating July: 4	Comments: Very showy foliage, gives color impact even without flowers, mildew resistance, premium quality			
	Rating Aug.: 4.5	Comments: Strong color impact with foliage and flowers, love the contrast			
	Rating Sept.: 4	Comments: Full color, striking combo			
	# Planted: 5	% Survived: 80%			
	Coordinator Comments: Foliage has very striking foliage that has yellow and green variegation. The green in the leaves cuts sharply through the yellow/cream margins creating a tiger pattern that catches the eye. One plant died back during growing season.				
Salvia nemorosa	Burgundy Candles Meadow Sage	Darwin Perennials	Purple	H: 33 W: 30	Fall 2011
	Rating July: 3	Comments: Past peak bloom, good vigor, lodging, past flowering			
	Rating Aug.: 3.5	Comments: Foliage being attacked			
	Rating Sept.: 2.7	Comments: Past flowering, falling apart			
	# Planted: 20	% Survived: 90%			
	Coordinator Comments: Plants growth habit was uniform until plants opened up in centers in late June. Plants open habit was messy in appearance. Blooms were violet. After main bloom plants were deadheaded and plants produced a nice secondary bloom.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Salvia nemorosa	Lyrical Blues Meadow Sage	Darwin Perennials	Purple	H: 24 W: 20	Fall 2011
	Rating July: 3	Comments: Vigorous, compact plants just beginning to bloom, some color			
	Rating Aug.: 4	Comments: Compact, uniform habit, past peak bloom period, big plant, robust			
	Rating Sept.: 3.5	Comments: Past flowering, good plant			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Plants were sturdy and uniform in growth habit all season long. Plants had good flower power with blooms that were bright purple. After deadheading plants produced a nice secondary bloom. No powdery mildew.				
Salvia nemorosa	Lyrical Silvertone Meadow Sage	Darwin Perennials	Purple w/ White Highlights	H: 24 W: 20	Fall 2011
	Rating July: 2	Comments: Uniform habit, good vigor, past peak bloom, cut back			
	Rating Aug.: 3	Comments: Some powdery mildew, uniform habit			
	Rating Sept.: 3	Comments: Some color			
	# Planted: 18	% Survived: 94%			
	Coordinator Comments: Plants had uniform growth habit. Blooms had unique coloring that was purple with white highlight. By the end of August plants had moderate powdery mildew. By the end of the season new healthy foliage grew hiding defoliated stems and old diseased foliage.				
Scabiosa columbaria	Mariposa Violet Pincushion Flower	Skagit Gardens	Lavender	H: 17 W: 16	2011
	Rating July: 3	Comments: Lacks uniform habit and bloom time, good flower color, some color			
	Rating Aug.: 3.5	Comments: Beautiful flower color but few flowers in bloom, good color			
	Rating Sept.: 3.7	Comments: Some color, good plants			
	# Planted: 24	% Survived: 38%			
	Coordinator Comments: Plants had non-uniform growth habit. Healthy clean foliage all season. No big flower show but plants bloom continuously. Blooms are a bright lavender.				
Veronica	Atomic Blue Speedwell	Darwin Perennials	Purple	H: 17 W: 23	Fall 2011
	Rating July: 2	Comments: Only one plant, no comparison possible, full color			
	Rating Aug.: 1.5	Comments:			
	Rating Sept.: 1.5	Comments: Some color, powdery mildew			
	# Planted: 15	% Survived: 20%			
	Coordinator Comments: Few plants survived. Plant's blooms were bright lavender. Plant got moderate powdery mildew symptoms in August. In September new healthy growth started.				
Veronica	Atomic Violet Speedwell	Darwin Perennials	Lavender	H: 25 W: 21	Fall 2011
	Rating July: 3	Comments: Uniform habit, good vigor, past peak bloom, past flowering			
	Rating Aug.: 2	Comments: Heavy powdery mildew, few flowers, still blooming but not as attractive			
	Rating Sept.: 1.7	Comments: Some color, powdery mildew, flowers not attractive			
	# Planted: 15	% Survived: 100%			
	Coordinator Comments: Some plants started out with slow stunted growth and others were vigorous. Five of the stunted plants died back. Plants produced lots of lavender blooms. In August plants got slight powdery mildew symptoms that progressed to severe symptoms.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2011: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Veronica	Baby Doll Speedwell	Darwin Perennials	Pink	H: 20 W: 21	Fall 2011
	Rating July: 3	Comments: Uniform habit, good vigor, past peak bloom, past flowering, flopped			
	Rating Aug.: 3	Comments: Cut back			
	Rating Sept.: 2.5	Comments: Some color, finally not blooming			
	# Planted: 15	% Survived: 100%			
	Coordinator Comments: Plants produced lots of pink blooms in July. When blooms were spent plants were deadheaded. Deep green foliage was healthy until the end of August when plants had some dieback.				
Veronica	Hocus Pocus Speedwell	Walters Gardens/ Proven Winners	Deep Purple	H: 4 W: 15	2011
	Rating July: 3	Comments: Uniform habit, compact, good color impact, full color			
	Rating Aug.: 1.5	Comments: Low vigor, no flowers, floppy			
	Rating Sept.: 2.5	Comments: Good plant, green color, cut back			
	# Planted: 20	% Survived: 95%			
	Coordinator Comments: Plants have compact mounding growth habit. Blooms are a dark purple that create a good color impact. By the end of July plants began to lodge creating a messy appearance. In August plants got severe symptoms of powdery mildew.				
Veronica	Teucrium hybrid	Darwin Perennials	Purple	H: 14 W: 21	Fall 2011
	Rating July: 4	Comments: Vigorous, uniform habit, premium quality			
	Rating Aug.: 4	Comments: Compact, uniform habit, green coverage			
	Rating Sept.: 4.3	Comments: Premium quality, flopping, vigorous plant, no flowers			
	# Planted: 18	% Survived: 94%			
	Coordinator Comments: Growth habit was uniform and compact at the beginning of the season. Plants produce lots of bright purple blooms that made a good color impact. By mid-June plants lodged over but quickly filled in to create a mat of green growth.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2011: Plant and Flower Ratings for 2013 Season

Genus	Common Name		5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Anemone hupehensis	Lady Diana Windflower	P*	2	2	2	3	3	4	4	4	4	4	4
		F	0	0	0	0	0	0	1	2	5	5	3
Anemone hupehensis	Lady Emily Windflower	P*	1	1	2	2	3	3	3	3	4	4	4
		F	0	0	0	0	0	0	0	1	4	5	5
Anemone hupehensis	Lady Susan Windflower	P*	1	2	2	2	3	3	3	3	3	3	3
		F	0	0	0	0	0	0	0	1	3	4	3
Baptisia	Lemon Meringue False Indigo	P*	3	3	4	3	3	4	4	4	4	4	4
		F	0	3	4	0	0	0	0	0	0	0	0
Buddleia	Burncross Butterfly Bush	P*	0	2	2	2	3	3	3	2	2	3	3
		F	0	0	0	0	0	1	3	3	3	2	2
Centaurea montana	Black Sprite Perennial Cornflower	P*	2	2	3	3	2	2	2	3	2	2	3
		F	0	1	1	1	1	1	1	1	1	1	1
Coreopsis verticillata	Tweety Tickseed	P*	0	1	1	2	2	2	2	2	2	2	2
		F	0	0	0	0	0	0	0	1	0	1	1
Delphinium chinensis	Diamonds Blue Delphinium	P*	2	3	3	3	3	2	2	1	1	1	1
		F	0	0	0	0	4	2	0	0	0	0	0
Dianthus barbatus interspecific	Bouquet Purple Pinks	P*	1	2	2	2	2	2	2	1	1	2	2
		F	0	0	0	0	3	2	2	0	0	0	0
Dianthus hybrid	Pomegranate Kiss Pinks	P*	2	3	3	4	4	4	3	3	2	3	3
		F	0	0	2	4	4	3	1	1	1	2	2
Echinacea purpurea	Little Annie Coneflower	P*	1	2	2	3	3	3	3	3	3	3	3
		F	0	0	0	0	2	3	3	3	3	4	2
Echinacea purpurea	PowWow White Coneflower	P*	1	2	3	3	4	3	3	3	3	3	3
		F	0	0	0	1	3	4	4	3	3	1	0
Echinacea purpurea	PowWow Wild Berry Coneflower	P*	1	3	3	3	3	3	3	3	3	3	3
		F	0	0	0	0	2	3	4	3	3	0	0
Echinacea x purpurea	Double Scoop Bubble Gum Coneflower	P*	2	3	3	4	4	3	3	2	3	2	3
		F	0	0	0	1	4	4	4	3	2	2	0
Echinacea x purpurea	Double Scoop Raspberry Coneflower	P*	2	2	3	3	3	3	2	2	2	2	2
		F	0	0	0	2	4	4	4	3	3	2	1
Echinacea x purpurea	Sombrero Hot Coral Coneflower	P*	1	4	3	3	4	3	3	3	3	3	4
		F	0	0	0	0	0	2	3	3	3	0	0
Echinacea x purpurea	Sombrero Salsa Red Coneflower	P*	2	2	3	2	3	3	4	3	4	3	3
		F	0	0	0	0	1	4	5	4	3	3	1

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

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

*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 2011: Plant and Flower Ratings for 2013 Season

Genus	Common Name		5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Echinacea x purpurea	Sombrero Sandy Yellow Coneflower	P*	1	2	2	2	3	3	3	3	2	3	3
		F	0	0	0	1	2	3	3	3	2	2	0
Gaillardia x grandiflora	Commotion® Moxie Blanket Flower	P*	1	3	4	4	5	3	3	3	3	3	3
		F	0	0	0	0	3	4	3	2	2	3	2
Gaillardia x grandiflora	Mesa Yellow Blanket Flower	P*	1	3	3	4	5	2	2	2	2	2	3
		F	0	0	0	0	2	3	3	3	3	3	2
Geranium	Eureka Blue Cranesbill	P*	4	3	4	4	5	4	4	4	4	3	4
		F	0	1	4	4	5	3	1	0	0	0	0
Heuchera villosa	Big Top Burgundy Coral Bells	P*	2	2	3	3	3	3	3	2	3	3	3
		F	0	0	0	0	0	1	1	2	1	1	2
Heuchera villosa	Big Top Gold Coral Bells	P*	1	1	2	2	2	2	2	2	2	2	3
		F	0	0	0	0	0	0	0	0	0	0	0
Hibiscus hybrid	Cranberry Crush Rose Mallow	P*	0	2	3	4	5	5	5	5	5	4	5
		F	0	0	0	0	0	0	4	5	3	1	0
Hibiscus moscheutos	Cristi Rose Mallow	P*	0	2	3	4	5	4	5	4	5	4	4
		F	0	0	0	0	0	0	4	4	0	0	0
Hibiscus moscheutos	Luna Red Rose Mallow	P*	0	1	2	3	4	4	4	4	4	4	4
		F	0	0	0	0	0	0	1	3	2	2	1
Hosta	Autumn Frost Hosta	P*	3	3	4	4	5	4	4	4	4	4	4
		F	0	0	0	0	0	0	2	3	1	0	0
Lavandula angustifolia	Ellagance Snow Lavender	P*	1	1	2	3	3	3	3	3	4	3	3
		F	0	0	0	0	1	3	3	1	1	2	3
Leucanthemum x superbum	Banana Cream Shasta Daisy	P*	0	1	1	2	2	2	2	2	2	2	3
		F	0	0	0	0	0	1	0	0	0	0	0
Nepeta 'Novanepjun'	Junior Walker Catmint	P*	3	4	4	3	3	4	3	3	3	3	4
		F	0	1	5	4	3	4	4	1	2	1	2
Panicum	Cheyenne Sky Red Switch Grass	P*	1	3	3	4	4	4	5	5	5	5	5
		F	0	0	0	0	0	0	1	0	0	0	0
Penstemon schmidel	Blue Riding Hood Beardtongue	P*	2	3	4	5	4	3	3	3	4	3	4
		F	0	0	3	5	1	0	0	0	1	1	1
Penstemon schmidel	Hot Pink Riding Hood Beardtongue	P*	1	1	3	3	3	3	3	2	2	2	2
		F	0	0	1	3	1	0	0	0	0	1	1
Penstemon schmidel	Lavender Riding Hood Beardtongue	P*	1	2	2	2	3	2	2	2	2	2	2
		F	0	0	3	2	2	0	1	2	2	2	2

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

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

*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 2011: Plant and Flower Ratings for 2013 Season

Genus	Common Name		5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Penstemon schmidel	Marble Riding Hood Beardtongue	P*	2	3	4	5	4	3	3	3	4	3	4
		F	0	0	1	5	3	0	0	1	1	1	1
Penstemon schmidel	Purple Riding Hood Beardtongue	P*	1	2	3	3	2	2	3	3	3	3	3
		F	0	0	2	3	1	1	1	1	2	3	3
Phlox glaberrima	Triple Play Smooth Phlox	P*	3	3	4	4	4	4	4	3	3	3	3
		F	0	0	3	3	0	0	0	0	0	0	0
Phlox paniculata	Shockwave Garden Phlox	P*	3	3	4	4	4	4	4	3	4	4	4
		F	0	0	0	0	0	0	0	2	4	2	2
Salvia nemorosa	Burgundy Candles Meadow Sage	P*	3	4	4	3	3	3	3	3	3	3	3
		F	0	1	4	2	2	3	3	0	1	2	2
Salvia nemorosa	Lyrical Blues Meadow Sage	P*	3	4	5	5	4	4	4	4	4	4	4
		F	0	2	5	3	0	2	3	0	0	0	1
Salvia nemorosa	Lyrical Silvertone Meadow Sage	P*	3	4	5	5	5	3	2	2	3	2	3
		F	0	1	5	2	1	1	1	1	2	1	2
Scabiosa columbaria	Mariposa Violet Pincushion Flower	P*	1	2	2	2	3	3	3	3	3	3	3
		F	0	0	0	1	2	2	2	1	2	2	3
Veronica	Atomic Blue Speedwell	P*	1	2	2	2	3	2	3	2	2	2	3
		F	0	0	0	0	2	3	2	1	1	0	0
Veronica	Atomic Violet Speedwell	P*	2	3	3	3	4	3	3	2	2	2	2
		F	0	0	0	3	4	1	2	1	1	1	1
Veronica	Baby Doll Speedwell	P*	2	3	3	4	4	3	3	3	3	3	3
		F	0	0	0	2	5	1	0	0	1	1	1
Veronica	Hocus Pocus Speedwell	P*	2	3	3	3	4	3	2	1	2	3	2
		F	0	0	0	0	3	4	3	1	0	0	0
Veronica	Teucrium hybrid	P*	4	4	3	3	3	3	3	3	3	3	3
		F	0	2	4	0	0	0	0	0	0	0	0

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

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

*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 2012: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Agastache	Blue Boa Hummingbird Mint	Terra Nova Nurseries	Purple	H: 53 W: 46	2012
	Rating July: 4	Comments: Very vigorous, uniform habit, good color impact, full color			
	Rating Aug.: 4.5	Comments: Uniform habit, vigor, good color, huge and colorful			
	Rating Sept.: 4	Comments: Lodging, full color, a giant			
	# Planted: 20	% Survived: 90%			
	Coordinator Comments: The large plants had uniform vigorous growth. Plants had bright purple non-stop blooms. Blooms kept coming from the same flower spike creating a clean look w/ a great color impact. In September plants opened up creating a messy appearance.				
Anemone hupehensis	Lady Julia Windflower	Blooms of Bressingham	Dark Pink	H: 27 W: 22	2012
	Rating July: 1	Comments: 1 odd ball plant, good plant, inconsistant growth			
	Rating Aug.: 2.5	Comments: Non-uniform vigor and habit, few flowers, small plants, budded			
	Rating Sept.: 3	Comments: Some color			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Plants growth was non-uniform. There was one plant that was very vigorous and the rest were much smaller in size. Blooms true to 'Lady Julia' were double dark pink. 50% of plants did not come out double and were single.				
Campanula	Ringsabell Rose Bellflower	Skagit Gardens	Mulberry	H: 9 W: 33	2012
	Rating July: 3	Comments: Stems cannot support wet flowers, plant collapses, full color			
	Rating Aug.: 1.5	Comments: Stems unable to support weight of flowers, floppy but trying to bloom			
	Rating Sept.: 2.3	Comments: Some color, huge but floppy, browning out			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments: Plant growth habit was uniform and was spreading. Plants had tons of pink bell flowers starting in July. Unfortunately plants were not able to hold up blooms weight and severely lodged early in the bloom season.				
Cymbalaria	Snow White Cymbalaria	Terra Nova Nurseries	White	H: 8 W: 28	2012
	Rating July: 3	Comments: Solid ground covering foliage, vigorous, uniform habit, lost variegation, full color			
	Rating Aug.: 5	Comments: Uniform, compact ground cover, few flowers, lost all variegation			
	Rating Sept.: 4.5	Comments: Premium quality, zero for variegation, green ground cover, lost variegation			
	# Planted: 24	% Survived: 100%			
	Coordinator Comments: This ground cover has vigorous growth that covers open ground quickly. Plants overwinter well but reverted to green growth with only 40% of variegation that came back. By late August 100% of the ground cover had reverted to all green.				
Dianthus interspecific	Everlast Burgundy Blush Dianthus	Selecta	Deep Red w/ Pink Picotee Edges	H: cut back W:	2012
	Rating July: 2	Comments: Non-uniform, some plants dying, lack vigor?, past flowering			
	Rating Aug.: 0.5	Comments: No ornamental value at this time, was uniform			
	Rating Sept.: 1	Comments: Cut back			
	# Planted: 22	% Survived: 100%			
	Coordinator Comments: Plant growth was not uniform. Foliage was an attractive blue. Plants produced few blooms that were burgundy with pink edges. Plants were diagnosed w/ Alternaria leaf blight and greatly declined 8/7/2013. Plants were cut back due to the disease and no new growth was found.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2012: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Dianthus interspecific	EverLast Lavender + Eye Dianthus	Selecta	Light Pink w/ Red eye	H: cut back W:	2012
	Rating July: 3	Comments: Strong color impact, uniform habit, compact, past flowering			
	Rating Aug.: 0.5	Comments: Appears to be dead, was uniform			
	Rating Sept.: 1	Comments: Cut back			
	# Planted: 22	% Survived: 100%			
	Coordinator Comments: Plant growth habit was uniform with dense foliage. Great flower power with pink blooms that age to a lighter pink. Plants were diagnosed with Alternaria leaf blight and greatly declined 8/7/2013. Plants were cut back due to the disease and only 4 started new growth.				
Dianthus interspecific	EverLast Lilac + Eye Dianthus	Selecta	Dark Maroon eye w/ Light Pink Edges	H: cut back W:	2012
	Rating July: 3	Comments: Uniform, compact habit, small flower diminish color impact, past flowering			
	Rating Aug.: 0.5	Comments: No ornamental value at this time, was uniform			
	Rating Sept.: 1	Comments: Cut back			
	# Planted: 22	% Survived: 100%			
	Coordinator Comments: Bloom color was pink with maroon centers. Flower's bloom time was not uniform and could use more flower power. Plants were diagnosed with Alternaria leaf blight and greatly declined 8/7/2013. Plants were cut back due to the disease and 12 started new growth.				
Dianthus interspecific	EverLast Orchid Dianthus	Selecta	Pink w/ Red Eye	H: cut back W:	2012
	Rating July: 3	Comments: Strong color impact, uniform habit, compact, past flowering			
	Rating Aug.: 0	Comments: Appears to be dead, was uniform			
	Rating Sept.: 1	Comments: Cut back			
	# Planted: 22	% Survived: 100%			
	Coordinator Comments: Plants were uniform with the exception of three plants that were a little behind in size. Plants had lots of bright pink blooms. Plants were diagnosed with Alternaria leaf blight and greatly declined 8/7/2013. Plants were cut back due to the disease and only 3 started new growth.				
Echinacea	Cranberry Cupcake Coneflower	Terra Nova Nurseries	Pink	H: 21 W: 23	2012
	Rating July: 3	Comments: Question vigor, good plant habit, flower color good, full color			
	Rating Aug.: 2	Comments: Low vigor, past peak blooms, being overpowered			
	Rating Sept.: 2.5	Comments: Full color			
	# Planted: 20	% Survived: 65%			
	Coordinator Comments: Plants had compact growth habit. The double pink blooms were attractive and petite. In September the plants declined greatly in result of some insect damage.				
Echinacea	Leilani Coneflower	Terra Nova Nurseries	Yellow	H: 44 W: 45	2012
	Rating July: 4	Comments: Excellent in all areas, big, full color			
	Rating Aug.: 4.5	Comments: Vigorous growth, uniform habit, strong color impact, it's a monster may fall			
	Rating Sept.: 3	Comments: Past flowering, big bold, floppy, strong plant, weak flowers			
	# Planted: 20	% Survived: 100%			
	Coordinator Comments: Bright yellow blooms have long life, and as they age turn a light yellow that is still attractive. Great flower power and plants were large and vigorous. Late August plants started lodging. End of season plants showed moderate symptoms of aster yellows.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2012: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Echinacea	Profusion Coneflower	Creek Hill Nsy. & Eason Horticultural Resources	Pink	H: 24 W: 18	2012
	Rating July: 4	Comments: Compact habit, uniform, good vigor and color impact, full color			
	Rating Aug.: 4.5	Comments: Weak color impact, uniform habit, fading but not bad			
	Rating Sept.: 4	Comments: Full color, lots of spent blooms, blooms done, plant clean			
	# Planted: 22	% Survived: 95%			
	Coordinator Comments: Growth habit was very uniform and compact. Foliage was healthy with a nice dark green color. Plants had great flower power with soft pink colored blooms. Flowers uniformly faced up throughout the plants. Plants had very slight symptoms of aster yellows at end of the season.				
Echinacea	Supreme Cantaloupe Coneflower	Blooms of Bressingham	Light Orange/Salmon	H: 21 W: 15	2012
	Rating July: 3	Comments: Unique flower, excellent, some color, would like more vigor			
	Rating Aug.: 2	Comments: Poor location			
	Rating Sept.: 2.7	Comments: Past flowering, bloomed out, nice clean foliage, good flower			
	# Planted: 10	% Survived: 80%			
	Coordinator Comments: Plants had attractive double blooms with light orange blooms. Flower power was lacking resulting in poor color impact. Plants started lodging early August. Late in the season aster yellows symptoms were moderate.				
Echinacea	Supreme Elegance Coneflower	Blooms of Bressingham	Pink	H: 33 W: 33	2012
	Rating July: 4	Comments: Large showy flowers, some plants stunted- others vigorous, aster yellows, full color			
	Rating Aug.: 3	Comments: Past peak bloom but some color impact, some yellows, good flower			
	Rating Sept.: 4	Comments: Full color, good plants			
	# Planted: 10	% Survived: 90%			
	Coordinator Comments: Plants had great flower power with double dark pink blooms. Plants slightly leaned but overall were strong and held the large blooms good. Four plants had severe aster yellows symptoms, and the other five plants were vigorous and healthy.				
Heuchera	Delta Dawn Coral Bells	Terra Nova Nurseries	White	H: 15 W: 17	2012
	Rating July: 3	Comments: Lacks uniformity, some color			
	Rating Aug.: 3	Comments: Good chartruse color in foliage, bright color, smallish			
	Rating Sept.: 4	Comments: Some color, it works, good color			
	# Planted: 24	% Survived: 96%			
	Coordinator Comments: Foliage color is a bright yellow with brick red veins that age into a lime green. In July the foliage color was bleached out. In August the foliage looked nice again but new foliage color was subtle until October. Flowers were sparse and inconspicuous.				
Heuchera	Georgia Plum Coral Bells	Terra Nova Nurseries	Pink	H: 14 W: 19	2012
	Rating July: 4	Comments: Compact, uniform habit, wish there were more flowers on this one, full color			
	Rating Aug.: 4.5	Comments: Compact, uniform habit, color true to cultivar name, flowers add color, very nice			
	Rating Sept.: 4.5	Comments: Full color, good consistent color			
	# Planted: 24	% Survived: 100%			
	Coordinator Comments: Growth habit was uniform. Foliage color was an attractive with dark pink new growth that aged into purple with dark purple veins. Flowers were nice pink color but needed more flower power.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2012: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Heuchera	Spellbound Coral Bells	Terra Nova Nurseries	White	H: 23 W: 25	2012
	Rating July: 5	Comments: Beautiful foliage plant, flowers are forgettable, vigor and uniform habit, full color			
	Rating Aug.: 4.5	Comments: Uniform, compact habit, good vigor, bloomed out, robust plants			
	Rating Sept.: 4.5	Comments: Full color, excellent color age			
	# Planted: 24	% Survived: 100%			
	Coordinator Comments:	Plants growth habit is uniform with attractive foliage. Leaves are a silver purple with pink blush. Foliage color is stable and strong throughout the growing season. Blooms are not significant and the foliage is the main interest.			
Heuchera villosa hybrid	Circus Coral Bells	Creek Hill Nsy. & Eason Horticultural Resources	Pink	H: 17 W: 28	2012
	Rating July: 4	Comments: Best of the chartreuse foliage types habit, vigor and flowers, full color			
	Rating Aug.: 4.5	Comments: Uniform, compact habit, good variety, floppy blooms			
	Rating Sept.: 4.3	Comments: Full color, good puts floppy flowers, nice clean foliage, healthy			
	# Planted: 21	% Survived: 100%			
	Coordinator Comments:	Uniform plants with attractive foliage that contrasted nicely with its deep pink blooms. Flower racemes lean. Foliage starts out a yellow green with a prominent brick red veins. As the leaves age they turn to a light green with dark green veins.			
Heucherella	Buttered Rum Foamy Bells	Blooms of Bressingham	*NA	H: 8 W: 17	2012
	Rating July: 3	Comments: Lack vigor and uniformity, like foliage color blend, good plant			
	Rating Aug.: 3.5	Comments: Uniform habit, good color on leaves			
	Rating Sept.: 3	Comments: Good plant, good color, uneven, nice foliage color			
	# Planted: 20	% Survived: 85%			
	Coordinator Comments:	Plants were slow growing but established nicely by end of season. Foliage has nice warm colors that are a nice contrast. New foliage is a red, as it ages it turns into a orange, and then matures to an olive green. Plants did not bloom.			
Heucherella	Cracked Ice Foamy Bells	Blooms of Bressingham	White	H: 24 W: 21	2012
	Rating July: 4	Comments: Uniform habit, 'metallic' green foliage, flowers ho-hum, some color			
	Rating Aug.: 4.5	Comments: Uniform habit, compact growth, flowers add interest, filling nicely, good plant			
	Rating Sept.: 4	Comments: Some color, filling in nicely, strong plant, clean foliage			
	# Planted: 18	% Survived: 100%			
	Coordinator Comments:	Plants were very uniform. Flowers were white with a pink blush. Flowers were attractive but plants produced them sparsely. Foliage was very attractive with glossy leaves that were silver. New growth had a pinkish hue.			
Heucherella	Solar Eclipse Foamy Bells	Terra Nova Nurseries	*NA	H: 9 W: 22	2012
	Rating July: 4	Comments: Vigorous, uniform habit, good foliage color impact, with bud			
	Rating Aug.: 4	Comments: Compact uniform habit, no flowers, uniform, good markings			
	Rating Sept.: 4	Comments: With bud, good pattern, interesting foliage			
	# Planted: 24	% Survived: 100%			
	Coordinator Comments:	Foliage starts as a bright yellow with red blushing along veins. The blushing deepens as leaves age to a dark burgundy. The yellow foliage ages to a lime green. Foliage color got severely bleached out and there was slight ear wig damage in July. New foliage came in September with better coloring. No blooms.			

*Height and width measurements in inches.

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Average ratings based on evaluations by Perennial subcommittee members. Percent survival from initial planting. *NA for flower color if it has not bloomed yet.

Class of 2012: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Hibiscus	Midnight Marvel Rose Mallow	Walters Gardens/ Proven Winners	Deep Red	H: 50 W: 70	2012
	Rating July: 4	Comments: Vigorous, beautiful foliage color, with bud			
	Rating Aug.: 4	Comments: Deep red flowers, deep green foliage, good color			
	Rating Sept.: 4	Comments: Full color, somewhat open			
	# Planted: 8	% Survived: 63%			
	Coordinator Comments: The trilobed foliage was very attractive deep burgundy that matured into a deep green with red veins later in the season. The bright cherry blooms make a excellent contrast with dark foliage. Peduncle drops as blooms are spent creating a clean appearance.				
Leucanthemum x superbum	Freak! Shasta Daisy	Blooms of Bressingham	White	H: 6 W: 9	2012
	Rating July: 1	Comments: Plants lack vigor, better for rock garden than perennial border, slugs, good plant			
	Rating Aug.: 1.5	Comments: Lack vigor, few flowers, out of bloom			
	Rating Sept.: 1.7	Comments: Some color, trying to bloom			
	# Planted: 10	% Survived: 40%			
	Coordinator Comments: Plants were slow to get started and had low vigor. Plants grew a little better late in the season. White blooms came in September. The flowers were attractive with lots ray florets that were different sizes creating a feathery effect.				
Monarda didyma	Pardon My Pink Bee Balm	Walters Gardens/ Proven Winners	Hot Pink	H: 16 W: 21	2012
	Rating July: 4	Comments: Uniform habit, compact ball shaped plants, good color impact and vigor, good mildew resistance, full color			
	Rating Aug.: 4.5	Comments: Compact habit, past flowering, seed heads only, looked great 2 weeks ago			
	Rating Sept.: 2.7	Comments: Past flowering, over the hill, fell apart			
	# Planted: 8	% Survived: 100%			
	Coordinator Comments: A dwarf Monarda that packs a lot of flower power in July. Plants were very compact with a globe like growth habit. Blooms are hot pink and cover the tops of the plants. One plant had low vigor. Seedheads lingered the rest of the season on top of plants.				
Monarda didyma	Pardon My Purple Bee Balm	Walters Gardens/ Proven Winners	Deep Fuschia	H: 12 W: 19	2012
	Rating July: 4	Comments: Very compact, ball shape habit, good vigor and color, these did well, good on mildew resistance, past flowering			
	Rating Aug.: 4	Comments: Compact habit, past flowering, seed heads only, looked great 2 weeks ago			
	Rating Sept.: 2.7	Comments: Past flowering, really fell apart			
	# Planted: 8	% Survived: 75%			
	Coordinator Comments: Blooms on this dwarf Monarda were a deep fushia and not a purple. Plants had great flower power. Peak bloom was a week earlier than 'Pardon My Pink'. Plants were compact with globe like growth habit.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2012: Size, Hardiness Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Perovskia atriplicifolia	Lacey Blue Russian Sage	Darwin Perennials	Purple	H: 17 W: 36	2012
	Rating July: 3	Comments: Lodging, uniform habit, just coming into bloom, flopped, full color			
	Rating Aug.: 1	Comments: Stems unable to support weight of flowers, too much water, floppy			
	Rating Sept.: 3.3	Comments: Full color, flower power but flops			
	# Planted: 14	% Survived: 100%			
	Coordinator Comments:	Plants were uniform with a naturally open growth habit that was attractive. In August plants began to lodge and gradually became severely lodged. Plants had lots of flowers that were an attractive bright lavender but they laid on the ground after lodging.			
Perovskia atriplicifolia	Peek-A-Blue Russian Sage	Walters Gardens/ Proven Winners	Purple	H: 28 W: 36	2012
	Rating July: 4	Comments: Uniform habit, good vigor, just beginning to flower, full color			
	Rating Aug.: 3	Comments: Some lodging, good color, probably too much water, great color display			
	Rating Sept.: 3	Comments: Full color, lodging, flopping			
	# Planted: 10	% Survived: 100%			
	Coordinator Comments:	Plants had an upright growth habit that was uniform. Plants had bright lavender blooms. Few branches lodged at the end of the season but overall plants were sturdy and strong.			
Sedum	Pure Joy Stonecrop	Walters Gardens/ Proven Winners	Light Pink	H: 19 W: 24	2012
	Rating July: 4	Comments: Uniform habit, vigorous heavily budded, full color			
	Rating Aug.: 3	Comments: Plants smothered by Agastache 'Blue Boa', many flowers but weak flower color, blooming under tough conditions			
	Rating Sept.: 4	Comments: Past flowering, looks good			
	# Planted: 6	% Survived: 100%			
	Coordinator Comments:	Foliage was an attractive blue green. The growth habit was uniform round mounds. Plant's bloom were a light pink. Plants were sturdy until September when their centers opened up.			
Tradescantia	Radtrad PPTBS Spiderwort	Star Roses and Plants/ The Conard-Pyle Co.	Violet	H: 18 W: 21	2012
	Rating July: 3	Comments: Uniform habit, few flowers, some color			
	Rating Aug.: 4	Comments: Vigorous, uniform habit, compact, few flowers, trying to bloom			
	Rating Sept.: 3	Comments: Some color, messy looking plant			
	# Planted: 22	% Survived: 100%			
	Coordinator Comments:	Plants were sturdy and uniform. The foliage gives a interesting texture to a landscape. The foliage stays green and healthy all season long. The bright violet flowers are very attractive. The plants could use more flower power.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2012: Plant and Flower Ratings for 2013 Season

Genus	Common Name		5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Agastache	Blue Boa Hummingbird Mint	P*	2	3	4	5	5	5	5	4	4	4	4
		F	0	0	0	1	4	4	5	4	4	4	4
Anemone hupehensis	Lady Julia Windflower	P*	1	1	2	2	2	2	2	2	3	3	3
		F	0	0	0	0	0	0	0	1	2	3	2
Campanula	Ringsabell Rose Bellflower	P*	3	4	5	4	4	3	3	3	3	3	3
		F	0	0	0	0	5	4	4	3	2	3	2
Cymbalaria	Snow White Cymbalaria	P*	3	4	4	4	4	4	4	4	4	4	4
		F	1	2	0	2	2	2	2	1	1	2	1
Dianthus interspecific	Everlast Burgundy Blush Dianthus	P*	2	2	3	3	3	2	2	1	1	1	0
		F	0	0	1	2	2	2	0	0	0	0	0
Dianthus interspecific	EverLast Lavender + Eye Dianthus	P*	3	3	4	4	5	4	2	1	1	1	1
		F	0	0	1	3	5	2	1	0	0	0	0
Dianthus interspecific	EverLast Lilac + Eye Dianthus	P*	2	2	4	4	4	3	2	1	1	1	2
		F	0	0	0	4	3	1	1	0	0	0	0
Dianthus interspecific	EverLast Orchid Dianthus	P*	3	2	4	3	4	3	2	1	1	1	1
		F	0	0	1	3	4	3	1	0	0	0	0
Echinacea	Cranberry Cupcake Coneflower	P*	1	2	2	3	3	3	3	3	3	2	2
		F	0	0	0	0	2	3	3	2	2	0	0
Echinacea	Leilani Coneflower	P*	3	1	4	4	4	4	4	3	3	3	3
		F	0	0	0	1	5	5	5	4	3	3	2
Echinacea	Profusion Coneflower	P*	2	3	4	4	5	4	5	4	4	4	3
		F	0	0	0	0	3	5	4	3	3	2	0
Echinacea	Supreme Cantaloupe Coneflower	P*	1	2	3	3	3	3	3	3	3	2	3
		F	0	0	0	0	2	3	3	2	2	1	1
Echinacea	Supreme Elegance Coneflower	P*	2	2	3	3	3	4	4	3	3	3	3
		F	0	0	0	1	3	4	4	3	3	2	2
Heuchera	Delta Dawn Coral Bells	P*	1	2	3	3	3	2	3	3	3	3	3
		F	0	0	0	0	0	1	1	1	0	1	1
Heuchera	Georgia Plum Coral Bells	P*	2	3	3	4	4	3	4	4	4	4	4
		F	0	0	0	2	2	2	2	2	1	1	1
Heuchera	Spellbound Coral Bells	P*	3	4	4	5	5	5	5	4	5	5	5
		F	0	0	0	2	1	0	1	1	1	0	0
Heuchera villosa hybrid	Circus Coral Bells	P*	3	4	4	4	4	4	4	4	4	4	4
		F	0	0	3	4	3	3	3	2	1	0	0

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

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

NP = Not Present/Planted

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

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

Class of 2012: Plant and Flower Ratings for 2013 Season

Genus	Common Name		5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Heucherella	Buttered Rum Foamy Bells	P*	1	2	2	2	3	3	3	3	3	3	4
		F	0	0	0	0	0	0	0	0	0	0	0
Heucherella	Cracked Ice Foamy Bells	P*	3	4	3	4	4	4	4	4	4	4	4
		F	0	0	0	0	1	2	1	2	2	2	2
Heucherella	Solar Eclipse Foamy Bells	P*	3	4	4	4	3	3	3	3	3	4	3
		F	0	0	0	0	0	0	0	0	0	0	0
Hibiscus	Midnight Marvel Rose Mallow	P*	0	1	3	3	4	4	4	5	5	5	5
		F	0	0	0	0	0	0	3	4	4	3	1
Leucanthemum x superbum	Freak! Shasta Daisy	P*	1	1	2	2	3	2	2	1	2	2	3
		F	0	0	0	0	4	2	0	0	1	2	3
Monarda didyma	Pardon My Pink Bee Balm	P*	2	3	3	3	4	4	4	3	4	3	3
		F	0	0	0	0	1	5	3	0	0	0	1
Monarda didyma	Pardon My Purple Bee Balm	P*	2	3	3	3	4	4	4	3	4	3	3
		F	0	0	0	0	4	4	1	0	0	0	0
Perovskia atriplicifolia	Lacey Blue Russian Sage	P*	2	2	3	4	4	3	3	2	2	2	3
		F	0	0	0	0	0	3	4	4	3	3	2
Perovskia atriplicifolia	Peek-A-Blue Russian Sage	P*	2	2	3	4	5	4	4	4	3	4	3
		F	0	0	0	0	0	3	4	4	3	3	3
Sedum	Pure Joy Stonecrop	P*	3	4	5	5	5	5	5	5	4	3	3
		F	0	0	0	0	0	0	1	3	3	1	0
Tradescantia	Radtrad PPTBS Spiderwort	P*	3	3	3	4	4	4	4	5	3	4	4
		F	0	0	3	3	3	3	2	2	2	0	1

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

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

NP = Not Present/Planted

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

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

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Achillea 'Navaachdus'	Moon Dust Common Yarrow	Star Roses and Plants/ The Conard-Pyle Co.	Light Yellow	H: 13 W: 19	2013
	Rating July: 2.6	Comments: Uniform habit, some color, full color			
	Rating Aug.: 3.0	Comments: Compact habit, good color impact, still looks good after blooming			
	Rating Sept.: 2.5	Comments: Full color, flowers look good until they turn brown			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants filled in nicely. Plants bloomed strongly starting in July and didn't stop. Blooms are yellow and get lighter as they age. Blooms have a very long life span.			
Arabis caucasica	Lotti Deep Rose Rock Cress	Kieft	Pink	H: 5 W: 12	2013
	Rating July: 2.4	Comments: Appears to be less vigorous than 'Lotti White', young plant			
	Rating Aug.: 3.5	Comments: No flowers, uniform			
	Rating Sept.: 3.5	Comments: Good plant			
	Flowered 1st Season: No				
	Coordinator Comments:	Plants were treated with Malathion on July 4th and and July 13th for flea beetles. Plants then grew vigorously and filled in nicely with healthy foliage. Plants did not bloom.			
Arabis caucasica	Lotti White Rock Cress	Kieft	White	H: 5 W: 13	2013
	Rating July: 2.6	Comments: Appears to be more vigorous than 'Lotti Deep Rose', good plant			
	Rating Aug.: 4.0	Comments: Good vigor, uniform habit, no flowers			
	Rating Sept.: 3.7	Comments: Good plant, great habit, clean foliage			
	Flowered 1st Season: No				
	Coordinator Comments:	Plants were treated with Malathion on July 4th and and July 13th for flea beetles. Plants grew vigorously after treatment with new healthy foliage. Plants did not bloom.			
Armeria pseudarmeria	Ballerina Formula Mix Sea Pink	Kieft	Deep Pink, Light Pink, White	H: 10 W: 8	2013
	Rating July: 2.7	Comments: Uniform habit, few flowers, some color			
	Rating Aug.: 3.5	Comments: Good vigor compact, uniform habit, good color, good display of color			
	Rating Sept.: 3.0	Comments: Full color, too much white			
	Flowered 1st Season: Yes				
	Coordinator Comments:	It was a mix of white, deep pink and light pink flowering plants. The few plants that were stunted caused plants not to be uniform. Plants would wilt during the heat of the day and perk up by the morning.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Caryopteris 'Novacargol'	Good As Gold Blue Mist Shrub	Star Roses and Plants/ The Conard-Pyle Co.	Bright Lavender	H: 29 W: 28	2013
	Rating July: 3.4	Comments: Will see if foliage color holds in August/September, gold foliage Caryopteris, good plant			
	Rating Aug.: 4.5	Comments: Uniform, compact habit, glows, nice			
	Rating Sept.: 4.7	Comments: Premium quality, flowers?, awesome, irredescent plant, some flowers			
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants have a unique foliage color. New growth is a bright yellow and the mature shaded foliage is a light green. The foliage seems to glow and attracts attention from a distance. Plants produced few blooms that were lavender. Plants were uniform and filled in nicely.			
Coreopsis	Bengal Tiger Tickseed	Terra Nova Nurseries	Bright Yellow w/ Deep Red Eye	H: 18 W: 24	2013
	Rating July: 3.6	Comments: Vigor, uniform habit, good color impact, full color			
	Rating Aug.: 3.5	Comments: Uniform compact habit some color, mildew, not enough color			
	Rating Sept.: 2.7	Comments: Past flowering, powdery mildew, nice flower color			
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were vigorous and uniform. Plants had great flower power. Blooms were bright yellow with deep red in the center. Plants had severe powdery mildew by end of August. By early September the plants looked better because the disease decreased from severe to moderate symptoms.			
Coreopsis	Lil Bang Daybreak Tickseed	Skagit Gardens	Deep Yellow w/ Red Eye	H: 10 W: 23	2013
	Rating July: 3.0	Comments: Uniform habit, good flower color, full color			
	Rating Aug.: 3.5	Comments: Compact, uniform habit, strong color impact, good bright color			
	Rating Sept.: 3.5	Comments: Full color, good flower power and color			
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were compact and uniform in growth habit. Plants had great flower power that continued throughout the growing season. Ray florets were dark red with a deep yellow edge.			
Coreopsis	Red Satin Threadleaf Coreopsis	Skagit Gardens	Burgundy	H: 21 W: 22	2013
	Rating July: 2.8	Comments: Uniform habit, good vigor, small flowers but nice color, full color			
	Rating Aug.: 1.5	Comments: Powdery Mildew on foliage, little color impact			
	Rating Sept.: 3.0	Comments: Full color, powdery mildew			
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were bigger than other 'Red Satin' at planting. Plants had powdery mildew throughout the growing season. The symptoms became severe in early August. Though the plants suffered from disease the rest of the season the plants did not defoliate. Blooms were a deep maroon.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Coreopsis 'Novacorbir'	Little Bird Coreopsis	Star Roses and Plants/ The Conard-Pyle Co.	Yellow	H: 11 W: 8	2013
	Rating July: 0.7	Comments: Plants appear weak, young plant			
	Rating Aug.: 1.5	Comments: Low vigor, no flowers, too little			
	Rating Sept.: 1.0	Comments: Some color, new			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants in the greenhouse declined with powdery mildew. The few best looking plants were put in the ground but awaited replacements. Replacements were planted August 28th. Plants had bright yellow blooms. Plants had low vigor.			
Coreopsis Permathread™	Red Satin Threadleaf Coreopsis	Creek Hill Nsy. & Eason Horticultural Resources	Burgundy	H: 18 W: 17	2013
	Rating July: 1.3	Comments: Too early to tell, lacks vigor, just planted, some color			
	Rating Aug.: 1.5	Comments: Powdery mildew on foliage, little color impact, small wimpy			
	Rating Sept.: 2.5	Comments: Some color, powdery mildew			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were slow growing at the beginning of season but filled in nicely later in the season. Plants battled with powdery mildew all season long. Symptoms became severe in early September. Blooms are a deep maroon.			
Coreopsis verticillata	Electric Avenue Threadleaf Coreopsis	Creek Hill Nsy. & Eason Horticultural Resources	Yellow	H: 27 W: 29	2013
	Rating July: 3.1	Comments: Good vigor, uniformity, some color			
	Rating Aug.: 5.0	Comments: Uniform habit, good color impact, color coming			
	Rating Sept.: 2.7	Comments: Full color, good color and plant, mildew, few flowers			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were vigorous and uniform in growth habit. Plants had great flower power. Flowers were bright yellow. Mid-September plants had powdery mildew but were still blooming strong.			
Dianthus	Constant Beauty Pink Dianthus	Greenfuse	Light Pink	H: 5 W: 7	2013
	Rating July: 2.3	Comments: Very compact habit, modest color impact, some color			
	Rating Aug.: 2.5	Comments: Nothing constant here			
	Rating Sept.: 2.5	Comments: Past flowering, small			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants had uniform growth habit but had low vigor. Blooms were a light pink and as they age they get lighter. In mid-September plants got Alternaria leaf blight. It progress to moderate symptoms by the end 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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Digitalis purpurea	Dalmation Purple Improved Foxglove	Kieft	Dark Fushia	H: 27 W: 16	2013
	Rating July:	3.2	Comments:	Too early to tell, appears to be more vigorous than 'White Improved', uniform habit, with bud	
	Rating Aug.:	4.0	Comments:	Strong color impact, nice uniform, winner	
	Rating Sept.:	3.7	Comments:	Full color, little taller than 'White Improved', not blooming as heavy as 'White Improved'	
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were uniform and compact in growth habit. Plants had great flower power. The blooms were dark fuschia and on the throat there were burgundy spots with white surrounding them. The flowers were positioned on all sides of the raceme. Flowers continued to grow from basal foliage.			
Digitalis purpurea	Dalmation White Improved Foxglove	Kieft	White	H: 25 W: 13	2013
	Rating July:	2.8	Comments:	Too early to tell, uniform habit, excellent, with bud	
	Rating Aug.:	3.5	Comments:	Good color impact, uniform habit, good white, later blooming than purple	
	Rating Sept.:	3.7	Comments:	Full color, good contrast, still blooming	
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were uniform and compact in growth habit. The foliage was a nice deep green. The blooms were white with burgundy spots on throat. The plants gave a great flower show and continued to produce new flower racemes from basal foliage. Blooms were positioned all sides of the raceme.			
Echinacea	Meteor Red Coneflower	Terra Nova Nurseries	Deep Coral Pink	H: 20 W: 28	2013
	Rating July:	3.1	Comments:	Uniform habit, few flowers, some color	
	Rating Aug.:	3.0	Comments:	Compact, good vigor, some color impact, all kinds of color variations	
	Rating Sept.:	4.0	Comments:	Full color, good growth and height	
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were vigorous and uniform compact growers. Plants filled in good. Foliage late in the season looked great when other Echinaceas were declining. The double flowers are petite. The flower color is eye catching. It starts orange/salmon that matures to a deep pink coral. No aster yellows.			
Echinacea	Secret Glow Coneflower	Terra Nova Nurseries	Orange Yellow	H: 23 W: 25	2013
	Rating July:	2.4	Comments:	Plants lack the vigor to support flower stems, some color	
	Rating Aug.:	2.0	Comments:	Weak stems, uniform habit, unique color	
	Rating Sept.:	3.0	Comments:	Full color, flowers don't stand up	
	Flowered 1st Season:	Yes			
	Coordinator Comments:	Plants were compact and uniform in growth habit. The double flowers had bright orange yellow color. Plants had weak stems that could not hold up blooms. By the end of the season plants displayed severe symptoms of aster yellows.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Echinacea hybrida	Cheyenne Spirit Coneflower	Kieft	Pink, Magenta, Yellow, Coral Pink	H: 23 W: 22	2013
	Rating July: 2.2	Comments: Uniform habit, with bud			
	Rating Aug.: 3.0	Comments: Good vigor, some color impact, needs 2 weeks more			
	Rating Sept.: 3.0	Comments: Full color, thought I would see more, kind of floppy but still blooming, nice mix			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were non-uniform in growth habit. Good mix of pink, magenta, yellow and coral pink plants. While some plants were blooming others were not. Needs more flower power. Mid-September plants displayed slight aster yellows symptoms.			
Festuca	Beyond Blue Blue Fescue	Skagit Gardens	*NA	H: 8 W: 18	2013
	Rating July: 4.0	Comments: Compact, uniform, nice blue color, must have it, good plant			
	Rating Aug.: 5.0	Comments: Uniform habit, good foliage color, great blue green gray color			
	Rating Sept.: 4.7	Comments: Good plant, great color, so far spectacular, no brown out			
	Flowered 1st Season: No				
	Coordinator Comments:	Plants were very uniform in habit and filled in good. Foliage was very attractive with a powder blue color. Plants foliage slightly yellowed in late September after wet weather.			
Gaillardia x grandiflora	Mesa Peach Blanket Flower	Kieft	Yellow w/ Orange Eye	H: 17 W: 22	2013
	Rating July: 3.7	Comments: Good vigor, uniform growth habit, excellent, some color			
	Rating Aug.: 4.5	Comments: Compact, uniform habit, strong color impact, how do you beat it			
	Rating Sept.: 4.0	Comments: Full color, just keeps blooming			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants had slight differences in growth that made them not completely uniform. Young plants filled in nicely and quickly. Plants had great flower power. Flower heads had a single ray floret with peach blush with yellow on the edges. Plants got cottony stem rot in early September. It spread quickly and infected 6 plants.			
Helenium autumnale	Fuego Sneezeweed	Creek Hill Nsy. & Eason Horticultural Resources	Yellow w/ Red Band	H: 13 W: 21	2013
	Rating July: 2.9	Comments: Uniform habit, budded			
	Rating Aug.: 4.0	Comments: Compact, uniform habit, strong color impact, attractive bi-color flowers, give it some time			
	Rating Sept.: 3.0	Comments: Full color, looks good even when faded			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants branched heavily on top of plants caused them to be top heavy. All plants lodged because of the weight. Plants were very floriferous. Blooms started mid-August and lasted until the end of September. Blooms were yellow with a red band.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3		Year Planted
Helleborus	Gold Collection® Platinum Rose Hellebore	Skagit Gardens	*NA	H: 12	W: 21	2013
	Rating July: 2.7	Comments: Uniform habit, good foliage color, good plant				
	Rating Aug.: 1.5	Comments: Too new				
	Rating Sept.: 1.5	Comments: Good plant, new				
	Flowered 1st Season: No					
	Coordinator Comments:	Plants didn't grow very much during growing season until late September when weather cooled. Foliage has a grey green color that is attractive. No blooms.				
Helleborus argutifolius	Gold Collection® Snow Fever Hellebore	Skagit Gardens	*NA	H: 8	W: 13	2013
	Rating July: 2.6	Comments: Foliage looks like spider mites attacked it, good plant				
	Rating Aug.: 2.5	Comments: Interesting mottled foliage, sick looking leaves				
	Rating Sept.: 1.5	Comments: Good plant, new				
	Flowered 1st Season: No					
	Coordinator Comments:	Plants have nice variegated foliage. Plants did not grow very much until weather cooled in late September. Foliage's variegation matured to a darker color and wasn't as bright. As new growth started the bright contrasting foliage came back with new growth with a pink hue. No blooms.				
Helleborus x ballardiae	Gold Collection® Camelot Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments: Plants not present until Fall 2013				
	Rating Aug.:	Comments: Plants not present until Fall 2013				
	Rating Sept.:	Comments: Plants not present until Fall 2013				
	Flowered 1st Season: No					
	Coordinator Comments:	Plants were planted on September 19th.				
Helleborus x ballardiae	Gold Collection® Maestro Hellebore	Skagit Gardens	*NA	H: 8	W: 19	2013
	Rating July: 3.1	Comments: Uniform habit, good foliage color, good plant				
	Rating Aug.: 3.5	Comments: Compact, uniform habit, deep green foliage, uniform				
	Rating Sept.: 3.0	Comments: Good plant, new, uniform				
	Flowered 1st Season: No					
	Coordinator Comments:	Plants had healthy deep green foliage. Plants filled in nicely into compact mounds during growing season. No blooms.				

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

Average ratings based on evaluations by Perennial subcommittee members. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3		Year Planted
Helleborus x ballardiae	Gold Collection® Mahogany Snow Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
Coordinator Comments:		Plants were planted on September 18th.				
Helleborus x ballardiae	Gold Collection® Merlin Hellebore	Skagit Gardens	*NA	H: 8	W: 20	2013
	Rating July:	Comments:	Uniform habit, good foliage color, good plant			
	Rating Aug.:	Comments:	Uniform, compact, deep green foliage, new			
	Rating Sept.:	Comments:	Good plant, new			
	Flowered 1st Season:	No				
Coordinator Comments:		Plants filled in nicely into a compact mound during the growing season. Foliage was a deep glossy green and healthy. No blooms.				
Helleborus x ballardiae	Gold Collection® Snow Dance Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
Coordinator Comments:		Plants were planted on September 19th.				
Helleborus x ballardiae	Gold Collection® Spring Party Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
Coordinator Comments:		Plants were planted on September 18th.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3		Year Planted
Helleborus x ericsmithii	Gold Collection® Champion Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants were planted on September 18th.				
Helleborus x ericsmithii	Gold Collection® Monte Cristo Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants were planted on September 19th.				
Helleborus x ericsmithii	Gold Collection® Shooting Star Hellebore	Skagit Gardens	*NA	H: 12	W: 23	2013
	Rating July: 2.6	Comments:	Uniform habit, good foliage color, good plant			
	Rating Aug.: 1.5	Comments:	Too new			
	Rating Sept.: 1.5	Comments:	Good plant, new			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants had healthy glossy deep green foliage. The plants didn't grow much until the weather cooled in late September. No blooms.				
Helleborus x nigercors	Gold Collection® Ice Breaker Corsica Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants were planted on September 19th.				

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3		Year Planted
Helleborus x nigercors	Gold Collection® Ice Breaker Pico Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants were planted on September 19th.				
Helleborus x nigercors	Gold Collection® Ice Breaker Prelude Hellebore	Skagit Gardens	*NA	H:	W:	Fall 2013
	Rating July:	Comments:	Plants not present until Fall 2013			
	Rating Aug.:	Comments:	Plants not present until Fall 2013			
	Rating Sept.:	Comments:	Plants not present until Fall 2013			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants were planted on September 19th.				
Heuchera	Blondie Coral Bells	Terra Nova Nurseries	Cream White	H: 11	W: 14	2013
	Rating July: 3.4	Comments:	Full color			
	Rating Aug.: 3.5	Comments:	Compact, uniform habit, good flower production, smallish, loads of blooms			
	Rating Sept.: 3.5	Comments:	Full color, it's okay			
	Flowered 1st Season:	Yes				
	Coordinator Comments:	Plants were uniform in growth habit. Foliage and flowers compliment each other very well. Foliage starts maroon and ages to an olive green. The flowers are on a compact panicle. The blooms are a cream color.				
Heuchera	Galaxy Coral Bells	Terra Nova Nurseries	*NA	H: 8	W: 15	2013
	Rating July: 3.5	Comments:	Uniform compact habit, color best in new growth, good plant			
	Rating Aug.: 4.0	Comments:	Uniform, compact habit, good red			
	Rating Sept.: 4.0	Comments:	Premium quality, not large but uniform			
	Flowered 1st Season:	No				
	Coordinator Comments:	Plants were uniform. Foliage color is unique and attractive. Foliage has light pink splashes on leaves. Foliage starts out burgundy and ages to a dark green. No blooms.				

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

Average ratings based on evaluations by Perennial subcommittee members. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Leucanthemum	Angel Daisy Shasta Daisy	Greenfuse	White	H: 16 W: 16	2013
	Rating July: 2.9	Comments: Compact, uniform habit, past peak bloom, chlorotic, some color			
	Rating Aug.: 4.0	Comments: Compact uniform habit, strong color impact, nice display of color			
	Rating Sept.: 3.5	Comments: Full color, lots of color			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were compact and filled in nicely. Flowers were attractive and different. The ray florets were pure white. The disc florets had frayed white florets and yellow frayed florets creating pin cushion effect.			
Leucanthemum	White Mountain Shasta Daisy	Greenfuse	White	H: 17 W: 20	2013
	Rating July: 2.6	Comments: Uniform habit, compact, good color impact, chlorotic, some color			
	Rating Aug.: 4.5	Comments: Compact, uniform habit in full bloom, strong color impact, good plants			
	Rating Sept.: 4.3	Comments: Full color, very nice, great flower power			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were compact and uniform. The plants had blooms all summer. Early September plants produced an excellent flower show. It was like a blanket of uniform white flowers. As new blooms opened they hid the old spent blooms making plants look great and clean.			
Nepeta 'Novanephat'	Top Hat Catmint	Star Roses and Plants/ The Conard-Pyle Co.	Lavender	H: 17 W: 15	2013
	Rating July: 2.9	Comments: Uniform habit, some color			
	Rating Aug.: 4.0	Comments: Uniform, compact habit, good color, interesting look like Salvia			
	Rating Sept.: 3.0	Comments: Past flowering, nice showing color			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants filled in nicely with new growth late July. Blooms were a light purple on a compact spike. Foliage was not fragrant like some other Nepetas. In September plants declined after rain storm.			
Penstemon 'Novapenbru'	Paint Brush Penstemon	Star Roses and Plants/ The Conard-Pyle Co.	Light Pink	H: 27 W: 34	2013
	Rating July: 3.2	Comments: Uniform habit, with bud			
	Rating Aug.: 4.5	Comments: Uniform habit, good color impact, love the foliage, blah bloom color			
	Rating Sept.: 3.7	Comments: Some color, tall but showy, nice foliage color and habit, appealing flower color			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were healthy and uniform. Foliage is very attractive. New growth is a deep red and matures to deep green. Flowers contrast nicely with the dark foliage with its light pink flowers with a white throat. Flowers are born on large flower panicles.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Penstemon 'Novapenpin'	Pink Rock Candy Penstemon	Star Roses and Plants/ The Conard-Pyle Co.	Dark Pink	H: 15 W: 20	2013
	Rating July: 2.7	Comments: Uniform habit, with bud			
	Rating Aug.: 2.5	Comments: Stems unable to support weight of flowers, good color impact, smaller, weaker			
	Rating Sept.: 2.3	Comments: Some color, floppy, no match			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants filled in good in ground but not as vigorous as 'Purple Rock Candy'. Blooms were a deep pink. Unfortunately the plants stems were weak and could not hold up blooms.			
Penstemon 'Novapenpur'	Purple Rock Candy Penstemon	Star Roses and Plants/ The Conard-Pyle Co.	Dark Purple	H: 17 W: 21	2013
	Rating July: 2.9	Comments: Uniform habit, with bud			
	Rating Aug.: 4.0	Comments: Uniform habit, compact, good color, excellent dark color			
	Rating Sept.: 3.0	Comments: Full color, flower power galore			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants filled in nicely in the ground. Foliage was healthy and clean. Blooms were a deep purple and strong stems held blooms upright. Plants had great flower power.			
Perovskia 'Novaperlac'	Little Lace Russian Sage	Star Roses and Plants/ The Conard-Pyle Co.	Purple	H: 24 W: 21	2013
	Rating July: 2.6	Comments: Too early to tell, with bud			
	Rating Aug.: 3.0	Comments: Uniform, compact habit, few flowers, late to flower			
	Rating Sept.: 2.7	Comments: Full color, staying short, just coloring			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were vigorous and filled in nicely. Plants had an upright and uniform growth habit. Blooms were a bright lavender.			
Rosa	Kolorscape Cheri Rose	Ball Ingenuity	Pink	H: 25 W: 29	2013
	Rating July: 2.5	Comments: Need time to develop, flower reversion, too early to tell, some color			
	Rating Aug.: 3.0	Comments: Upright, blah color			
	Rating Sept.: 2.3	Comments: Some color, upright growth, open			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were treated with a miticide in the greenhouse to control mites. As soon as the plants were growing outside the mites did not come back. Blooms were a deep pink. Plants growth habit was non-uniform.			

*Height and width measurements in inches.

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

Average ratings based on evaluations by Perennial subcommittee members. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Rosa	Kolorscape Flamingo Rose	Ball Ingenuity	Hot Pink	H: 29 W: 33	2013
	Rating July: 2.6	Comments: Needs time to develop, too early to tell, some color			
	Rating Aug.: 2.0	Comments: Variable			
	Rating Sept.: 2.3	Comments: Some color, upright growth, smaller than other neighbor roses			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were treated with miticide for a mites in the greenhouse. Mites went away after being planted in the ground. Blooms were a bright pink color. Plants growth habit was not uniform. Foliage was a deep green.			
Rosa	Kolorscape Kardinal Rose	Ball Ingenuity	Red	H: 22 W: 28	2013
	Rating July: 2.4	Comments: Needs time to develop, too early to tell, some color			
	Rating Aug.: 2.5	Comments: Upright, new			
	Rating Sept.: 2.7	Comments: Some color, open growth, nice 1st season growth, clean strong			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants had to be treated for mites in the greenhouse. Mites disappeared and never came back after planting in ground. Plants were non-uniform. Foliage is glossy deep green and the blooms are red.			
Rosa	Kolorscape Milano Rose	Ball Ingenuity	Deep Red	H: 25 W: 34	2013
	Rating July: 2.6	Comments: Too early to tell, need time to develop, lets see what August brings, some color			
	Rating Aug.: 2.5	Comments: Glossy foliage, one rogue			
	Rating Sept.: 3.0	Comments: Some color, better plant			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were treated with miticide for mites in the greenhouse. Mites went away after plants were planted in the ground. Blooms were red. One plant had the red blooms and a mauve pink colored blooms. The growth with the mauve pink blooms was much more vigorous.			
Rosa	Sunrosa Red Rose	Suntory Flowers	Red	H: 21 W: 25	2013
	Rating July: 3.0	Comments: Too early to tell, compact habit, modest color impact, some color			
	Rating Aug.: 3.5	Comments: Dark green foliage contrasts well with flowers, best flower production of the group, smallish but uniform, good blooms			
	Rating Sept.: 3.7	Comments: Some color, best here, heavy blooms, nice form, clean plants			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were compact and uniform in growth habit. Plants were very floriferous and always had lots of bright red blooms. Foliage was a deep green. More floriferous than 'Sunrosa Yellow'.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Rosa	Sunrosa Yellow Rose	Suntory Flowers	Yellow	H: 20 W: 22	2013
	Rating July: 2.9	Comments: Too early to tell, compact habit, few flowers, some color			
	Rating Aug.: 3.5	Comments: Good body, few blooms			
	Rating Sept.: 3.3	Comments: Some color, good plant, flowers fade			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were uniform in growth habit. The foliage was a glossy bright green. Blooms started out a deep yellow that aged into a pastel yellow. Plants were not as floriferous as the 'Sunrosa Red'.			
Veronica longifolia	Vernique Deep Blue Speedwell	Greenfuse	Deep Purple	H: 14 W: 16	2013
	Rating July: 3.1	Comments: Uniform habit, few flowers open, past prime, some color			
	Rating Aug.: 3.0	Comments: Compact, uniform habit few flowers, good deep blue			
	Rating Sept.: 2.5	Comments: Past flowering, leaves turning brown			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were compact and uniform in growth habit. Blooms were a deep purple. Plants had severe powdery mildew at the end of August. Plants produced healthy new growth but it did not out grow diseased foliage.			
Veronica longifolia	Vernique Pink Speedwell	Greenfuse	Light Pink	H: 11 W: 14	2013
	Rating July: 3.1	Comments: Uniform habit, few flowers open, past prime, some color			
	Rating Aug.: 2.5	Comments: Compact, uniform habit, few flowers, pink is light			
	Rating Sept.: 3.5	Comments: Past flowering, good plant, little color			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were compact and uniform in growth habit. Blooms were a light pink. In early August plants got powdery mildew and by end of the month the symptoms were severe. New growth started but did not out grow diseased foliage.			
Veronica 'Novaverblu'	Dark Blue Moody Blues Veronica	Star Roses and Plants/ The Conard-Pyle Co.	Violet	H: 14 W: 16	2013
	Rating July: 2.9	Comments: Uniform habit, deep blue flower color, some color			
	Rating Aug.: 3.5	Comments: Compact, uniform habit, good color impact, late bloomer			
	Rating Sept.: 3.3	Comments: Full color, good color nice match to mauve			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were compact and uniform in growth habit. Plants were healthy and vigorous. Great powdery mildew resistance. Blooms were dark purple. Plants produce good flower show.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Size, Flower Data and Comments for 2013 Season

Genus	Common Name	Company	Color	Height and Width on 9/3	Year Planted
Veronica 'Novaverlig'	Light Blue Moody Blues Veronica	Star Roses and Plants/ The Conard-Pyle Co.	Light Purple	H: 15 W: 17	2013
	Rating July: 2.7	Comments: Uniform habit, few flowers, past prime, some color			
	Rating Aug.: 4.0	Comments: Good vigor, compact, uniform habit, good color, much fresher look			
	Rating Sept.: 3.0	Comments: Some color, still good color			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were uniform and compact in growth habit. Plants filled in nicely with dark green foliage. The bloom color was lavender. Plants have good powdery mildew resistance.			
Veronica 'Novavermau'	Mauve Moody Blues Veronica	Star Roses and Plants/ The Conard-Pyle Co.	Mauve	H: 16 W: 15	2013
	Rating July: 2.9	Comments: Uniform habit, some color			
	Rating Aug.: 4.0	Comments: Uniform, compact habit, good color, check back in 2 weeks			
	Rating Sept.: 3.5	Comments: Full color, good color and flower power			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were uniform and compact. Blooms are a truly mauve in color. Plants had good flower power. Plants filled in good. Plants had very slight powdery mildew symptoms in early September but generally showed good resistance to the disease. Especially when comparing to other Veronicas which were suffering with severe symptoms.			
Veronica 'Novaverpin'	Pink Moody Blues Veronica	Star Roses and Plants/ The Conard-Pyle Co.	Light Pink	H: 18 W: 19	2013
	Rating July: 2.8	Comments: Flower color on few plants blooming is pretty weak, uniform habit, some color			
	Rating Aug.: 3.5	Comments: Uniform, compact habit, some color, late blooming			
	Rating Sept.: 3.5	Comments: Full color, later blooming than above			
	Flowered 1st Season: Yes				
	Coordinator Comments:	Plants were uniform and compact. Blooms were a light pink. Plants had good flower power. The plant's foliage was clean from disease. Great powdery mildew resistance.			

*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. *NA for flower color if it has not bloomed yet.

Class of 2013: Plant and Flower Ratings for 2013 Season

Genus	Common Name	5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2	
Achillea 'Navaachdus'	Moon Dust Common Yarrow	P*	NP	NP	2	2	3	3	3	3	3	3	
		F	NP	NP	1	0	2	3	3	3	3	4	3
Arabis caucasica	Lotti Deep Rose Rock Cress	P*	NP	NP	NP	2	2	2	3	2	3	3	
		F	NP	NP	NP	0	0	0	0	0	0	0	0
Arabis caucasica	Lotti White Rock Cress	P*	NP	NP	NP	2	2	3	3	3	3	3	
		F	NP	NP	NP	0	0	0	0	0	0	0	0
Armeria pseudarmeria	Ballerina Formula Mix Sea Pink	P*	NP	NP	NP	2	3	3	3	3	3	3	
		F	NP	NP	NP	1	1	2	3	3	3	3	2
Caryopteris 'Novacargol'	Good As Gold Blue Mist Shrub	P*	NP	NP	NP	2	3	3	3	3	4	4	5
		F	NP	NP	NP	1	1	0	0	0	1	1	1
Coreopsis	Bengal Tiger Tickseed	P*	NP	NP	NP	3	3	3	3	2	2	2	3
		F	NP	NP	NP	3	3	4	4	3	2	2	2
Coreopsis	Lil Bang Daybreak Tickseed	P*	NP	NP	NP	3	3	4	4	3	4	4	4
		F	NP	NP	NP	3	3	4	4	4	4	4	3
Coreopsis	Red Satin Threadleaf Coreopsis	P*	NP	NP	NP	3	4	3	3	2	2	2	2
		F	NP	NP	NP	2	3	3	3	3	1	2	1
Coreopsis 'Novacorbir'	Little Bird Coreopsis	P*	NP	NP	NP	NP	2	1	2	2	2	3	2
		F	NP	NP	NP	NP	0	0	0	0	1	1	0
Coreopsis Permathread™	Red Satin Threadleaf Coreopsis	P*	NP	NP	NP	2	3	2	3	2	2	2	2
		F	NP	NP	NP	1	2	2	2	2	1	3	3
Coreopsis verticillata	Electric Avenue Threadleaf Coreopsis	P*	NP	NP	NP	3	3	3	4	4	3	2	3
		F	NP	NP	NP	0	2	2	1	1	4	4	3
Dianthus	Constant Beauty Pink Dianthus	P*	NP	NP	2	3	3	3	3	3	2	2	2
		F	NP	NP	2	3	3	3	1	0	1	0	0
Digitalis purpurea	Dalmation Purple Improved Foxglove	P*	NP	NP	NP	2	3	3	4	3	4	4	3
		F	NP	NP	NP	0	0	0	3	4	3	2	2
Digitalis purpurea	Dalmation White Improved Foxglove	P*	NP	NP	NP	2	3	3	4	3	4	3	3
		F	NP	NP	NP	0	0	0	2	3	3	2	2
Echinacea	Meteor Red Coneflower	P*	NP	NP	NP	3	3	3	3	3	4	4	4
		F	NP	NP	NP	0	1	2	2	2	3	3	3
Echinacea	Secret Glow Coneflower	P*	NP	NP	NP	3	3	3	3	3	3	3	3
		F	NP	NP	NP	3	3	1	2	2	2	2	1
Echinacea hybrida	Cheyenne Spirit Coneflower	P*	NP	NP	NP	NP	2	3	3	3	3	3	3
		F	NP	NP	NP	NP	0	0	1	4	2	3	3

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

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

*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 2013: Plant and Flower Ratings for 2013 Season

Genus	Common Name	5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Festuca	Beyond Blue Blue Fescue	P*	NP	NP	3	3	4	3	4	4	4	3
		F	NP	NP	0	0	0	0	0	0	0	0
Gaillardia x grandiflora	Mesa Peach Blanket Flower	P*	NP	NP	NP	3	4	4	4	4	4	3
		F	NP	NP	NP	0	0	2	3	4	4	3
Helenium autumnale	Fuego Sneezeweed	P*	NP	NP	2	3	3	3	3	3	3	3
		F	NP	NP	0	0	0	0	0	3	5	4
Helleborus	Gold Collection® Platinum Rose Hellebore	P*	NP	NP	3	3	3	3	3	3	3	3
		F	NP	NP	0	0	0	0	0	0	0	0
Helleborus argutifolius	Gold Collection® Snow Fever Hellebore	P*	NP	NP	3	3	3	3	3	3	3	3
		F	NP	NP	0	0	0	0	0	0	0	0
Helleborus x ballardiae	Gold Collection® Camelot Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Helleborus x ballardiae	Gold Collection® Maestro Hellebore	P*	NP	NP	3	3	3	3	3	3	3	3
		F	NP	NP	0	0	0	0	0	0	0	0
Helleborus x ballardiae	Gold Collection® Mahogany Snow Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Helleborus x ballardiae	Gold Collection® Merlin Hellebore	P*	NP	NP	3	3	3	3	3	3	3	3
		F	NP	NP	0	0	0	0	0	0	0	0
Helleborus x ballardiae	Gold Collection® Snow Dance Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Helleborus x ballardiae	Gold Collection® Spring Party Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Helleborus x ericsmithii	Gold Collection® Champion Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Helleborus x ericsmithii	Gold Collection® Monte Cristo Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Helleborus x ericsmithii	Gold Collection® Shooting Star Hellebore	P*	NP	NP	3	3	3	3	3	3	3	3
		F	NP	NP	0	0	0	0	0	0	0	0
Helleborus x nigercors	Gold Collection® Ice Breaker Corsica Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP

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

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

NP = Not Present/Planted

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

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

Class of 2013: Plant and Flower Ratings for 2013 Season

Genus	Common Name	5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2	
Helleborus x nigercors	Gold Collection® Ice Breaker Pico Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	3	
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	0
Helleborus x nigercors	Gold Collection® Ice Breaker Prelude Hellebore	P*	NP	NP	NP	NP	NP	NP	NP	NP	NP	3	
		F	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	0
Heuchera	Blondie Coral Bells	P*	NP	NP	3	3	3	3	3	3	3	3	
		F	NP	NP	2	3	3	3	2	3	3	2	3
Heuchera	Galaxy Coral Bells	P*	NP	NP	3	3	3	3	3	3	3	3	
		F	NP	NP	0	0	0	0	0	0	0	0	0
Leucanthemum	Angel Daisy Shasta Daisy	P*	NP	NP	NP	3	3	3	3	3	4	4	4
		F	NP	NP	NP	3	1	1	2	3	5	3	3
Leucanthemum	White Mountain Shasta Daisy	P*	NP	NP	NP	3	3	3	3	3	5	4	5
		F	NP	NP	NP	3	4	2	2	3	5	5	5
Nepeta 'Novanephat'	Top Hat Catmint	P*	NP	NP	NP	2	3	3	3	3	3	2	2
		F	NP	NP	NP	2	1	2	3	3	3	2	1
Penstemon 'Novapenbru'	Paint Brush Penstemon	P*	NP	NP	NP	2	3	3	3	3	4	4	4
		F	NP	NP	NP	0	0	0	0	3	4	3	2
Penstemon 'Novapenpin'	Pink Rock Candy Penstemon	P*	NP	NP	NP	2	3	3	3	3	3	3	3
		F	NP	NP	NP	2	0	0	1	3	3	2	1
Penstemon 'Novapenpur'	Purple Rock Candy Penstemon	P*	NP	NP	NP	2	3	3	3	4	4	4	3
		F	NP	NP	NP	2	0	0	1	4	4	2	1
Perovskia 'Novaperlac'	Little Lace Russian Sage	P*	NP	NP	NP	3	3	3	3	3	3	3	4
		F	NP	NP	NP	0	1	1	1	2	2	2	3
Rosa	Kolorscape Cheri Rose	P*	NP	NP	2	2	3	3	3	3	3	3	3
		F	NP	NP	1	1	1	2	2	1	2	2	3
Rosa	Kolorscape Flamingo Rose	P*	NP	NP	2	2	3	3	3	3	3	3	3
		F	NP	NP	1	1	1	2	2	1	2	2	2
Rosa	Kolorscape Kardinal Rose	P*	NP	NP	2	2	3	3	3	3	3	3	3
		F	NP	NP	1	2	1	2	2	1	1	1	2
Rosa	Kolorscape Milano Rose	P*	NP	NP	2	2	3	3	3	3	3	3	3
		F	NP	NP	1	1	1	2	2	1	1	1	2
Rosa	Sunrosa Red Rose	P*	NP	NP	2	3	4	4	4	3	4	4	4
		F	NP	NP	1	2	3	3	4	3	3	4	4
Rosa	Sunrosa Yellow Rose	P*	NP	NP	2	3	4	4	3	3	4	4	4
		F	NP	NP	2	2	2	3	2	1	2	2	3

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

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

NP = Not Present/Planted

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

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

Class of 2013: Plant and Flower Ratings for 2013 Season

Genus	Common Name		5/16	5/31	6/13	6/26	7/10	7/24	8/7	8/21	9/04	9/18	10/2
Veronica longifolia	Vernique Deep Blue Speedwell	P*	NP	NP	NP	1	2	3	2	2	2	2	2
		F	NP	NP	NP	2	2	2	2	2	1	1	1
Veronica longifolia	Vernique Pink Speedwell	P*	NP	NP	NP	3	3	3	2	2	2	2	2
		F	NP	NP	NP	2	2	1	2	0	1	1	1
Veronica 'Novaverblu'	Dark Blue Moody Blues Veronica	P*	NP	NP	NP	2	3	3	3	3	4	4	4
		F	NP	NP	NP	0	1	1	2	2	3	3	3
Veronica 'Novaverlig'	Light Blue Moody Blues Veronica	P*	NP	NP	NP	3	3	3	3	3	3	3	4
		F	NP	NP	NP	1	1	2	3	3	3	3	3
Veronica 'Novavermau'	Mauve Moody Blues Veronica	P*	NP	NP	NP	3	3	3	3	3	3	4	4
		F	NP	NP	NP	0	1	1	2	3	4	3	3
Veronica 'Novaverpin'	Pink Moody Blues Veronica	P*	NP	NP	NP	3	3	3	3	3	4	4	4
		F	NP	NP	NP	0	2	1	2	2	3	4	4

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

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

NP = Not Present/Planted

Rating Scale: 5=Excellent, 4=Good, 3=Average, 2=Below Average, 1=Poor, 0=Dead/None

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