

# Colorado State University 2017-2018 Cool Season Trial Performance Report

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Cool Season Trial Garden  
1401 Remington Street Fort Collins, CO 80523  
NE Corner of College Avenue and Lake Street  
Colorado State University  
Department of Horticulture and Landscape Architecture  
[www.flowertrials.colostate.edu](http://www.flowertrials.colostate.edu)

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# 2017-2018 Cool Season Trial

## Performance Report

Dr. James E. Klett, David Staats and Emily Helmus<sup>1</sup>

### Introduction

This is the tenth year that Colorado State University conducted a Cool Season Trial in ground beds. It marks the eighteenth year that Annual Flower Trial Garden is located adjacent to the University Center for the Arts at Colorado State University. The overall goal of this project is to determine which varieties of cool season plants are best suited for marketing and growing in the Rocky Mountain Region. Initial data was recorded in October 2017, then approximately every two weeks from February-April 2017 (no data was collected mid-December of 2017 to January 2018, due to snow cover). Irrigation was also monitored throughout this time period and any additional water given to these plants was recorded. This year the cool season trials were evaluated by industry professionals and company representatives on April 25, 2018.

The cool season trials at Colorado State University have no specific operation dollars from state funds. Financial assistance, plant material, and other miscellaneous materials for the trials were acquired from sponsoring seed companies. Special thanks to Welby Gardens Inc. for their generous support in growing a flat of each of the cool season varieties. Some operational and staff dollars have come from the Colorado State University Agriculture Experiment Station, Extension, and the Department of Horticulture and Landscape Architecture. Seed companies that participated in this trial were: Benary, Floranova, Syngenta Flowers, and PanAmerican Seed.

### Cultural Data for the 2017-2018 Cool Season Trial Garden

#### Planting Day

All cool season plants were planted on October 24th, 2017. All plants arrived from Welby Gardens as rooted seedlings in cell packs that were 2.25" deep. They were then transplanted into planting beds located in the Annual Flower Trial Garden at 1401 Remington

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<sup>1</sup> Professor and Extension Landscape Horticulture Specialist; Horticulture Research Associate; Environmental Horticulture student and 2017-18 Cool Season Trial Coordinator, respectively.

Street. There were 4 plants per cell pack, and 12 cell packs were planted in each row of the beds.

### **Watering**

All watering was monitored. Watering was done when natural precipitation was low and when the ground media was not saturated. There was consistent snow cover on the beds from mid-December through early February. The beds were watered using the garden's irrigation system one time during establishment in late October and November, and fertilizer was injected through the irrigation system during this time. A 20-10-20 fertilizer was used. The garden's irrigation system was winterized in November. From November 2017 to late March 2018, the trial was watered using a frost-free water line. Watering from late-March through May was done with the in-ground irrigation system. The irrigation system was typically run for 2-3 hours on a weekly basis. The irrigation system applies .39in of water per hour.

### **Weather Data October-April**

Winter temperatures in 2017-2018 were typical of a normal Colorado winter. This year's snow cover occurred from late December through early March, an uncharacteristically long time for this region. The extended length of snow cover did not seem to have any effect on the plants in our trial. The average minimum temperatures, the average maximum temperatures, the average precipitation, and the average snowfall are all listed in the tables on the following page. Wind-chill factors are not included but can be quite significant in Colorado's winter climate. Weather data was acquired from the 'U.S. climate data' website.

## Weather Data Tables

Table 1.

	OCTOBER 2017	NOVEMBER 2017	DECEMBER 2017	JANUARY 2018
<b>AVG. MAX TEMP (°F)</b>	64	51	43	44
<b>AVG. MIN TEMP (°F)</b>	36	26	18	18
<b>PRECIPITATION (INCHES)</b>	1.14	0.75	0.51	0.39
<b>SNOWFALL (INCHES)</b>	4	9	8	8

Table 2.

	FEBRUARY 2018	MARCH 2018	APRIL 2018
<b>AVG. MAX TEMP (°F)</b>	47	55	62
<b>AVG. MIN TEMP (°F)</b>	21	28	35
<b>PRECIPITATION (INCHES)</b>	0.39	1.57	2.05
<b>SNOWFALL (INCHES)</b>	7	13	6

## Data Collection Methods

Emily Helmus (undergraduate Environmental Horticulture student) collected data throughout the 2017-2018 Cool Season trial. The coordinator took overall appearance, frost damage, and bloom percentage data. Data was collected in two-week intervals during the months of January-April 2018.

The overall appearance rating scoring was: 5 =poor condition (dying), 4 =weak condition (struggling with some dieback), 3=average (few to no flowers with healthy foliage), 2 =good condition (progressing flowers with healthy foliage growth), and 1 =great condition (many flowers with healthy uniform foliage growth).

The frost damage rating score was: 5 =poor condition (frost damage is significant), 4 =weak condition (struggling with some dieback), 3=average (healthy foliage), 2 =good condition (healthy foliage growth), and 1 =great condition (many flowers with healthy uniform foliage growth).

The bloom percentage data was based on a scale of 0-100 percent. The percentage is based on the percentage the flowers cover the plant area. 0 percent= no flowers present. 100 percent= the entire plant is covered in flowers, and foliage is hard to see. The percentage was taken in intervals of five to achieve maximum efficiency.

## Conclusion

The 2017-2018 Cool Season Trial was overall a remarkable success. Though there were aspects of this winter's weather that were unusual and very interesting but, we still had a good flower display by evaluation day.

This was the fourth year that most of the data collection from the spring evaluation day was taken using either a smartphone or a tablet in combination with wireless internet capabilities in the trial garden, and a new internet based program developed specifically for the trial gardens. Feedback from the committee members who were involved was positive. The CSU Trial Gardens staff is now working hard to perfect this new evaluation process and prepare for the summer trials. It is worth noting that the new evaluation process has significantly improved efficiency in collecting and tabulating the final data for the cool season trial garden.

## 2017-2018 Cool Season “Best Of” Selections

One hundred and twenty-one varieties were evaluated in the 2017-2018 Cool Season trial from planting in mid-October 2017 through April 2018. On evaluation day (April 25, 2018), ten varieties were selected by the Annual Trial Garden Committee as top-rated performers. All varieties were monitored and observed weekly during the trial period.

### **Best of Show Pansy – ‘Freefall XL Purple Face’ from Floranova**

Vibrant flowers covered the plant all over including not just the top but the sides as well. Plants were vigorous and sturdy as well as being covered by blooms. White centers really made the dark purple flowers stand out. This entry also won the Best Trailing Pansy category.

### **Best Purple/Blue Pansy - Pansy Inspire® Plus Blue Blotch from Benary**

Flowers were noted for their striking color of a large dark blotch in the center of deep blue petals. Blooms were significantly more abundant than any other Pansy in that category. Plants were vigorous and maintained good uniformity.

### **Best Light Blue Pansy - Inspire® Plus Exp. Marina Improved from Benary**

Unique flower color combined with a slightly ruffled petal edge to create a very dainty appearance. Light blue was around the outer edge of the flower followed by another band of white and a dark purple/blue center for a very relaxing combination of colors. Plants were very uniform and blooms covered the top as well as on the sides.

### **Best White Pansy - Cats™ White from Benary**

Plants were noted for impressive flower power and a nice uniform growth habit. Attractive purple whiskers added interest to the slightly primrose colored flower with a splash of yellow in the center.

### **Best Yellow Pansy - Spring Matrix™ Yellow Improved from PanAmerican Seed**

Bright yellow flowers were very abundant and eye catching as they were well above the foliage for maximum flower power. The abundant blooms were also noted for being weather resistant and maintained their shape. Clear yellow flowers had no markings so color really popped.

### **Best Novelty Pansy - Cats™ Purple & White from Benary**

Picotee flowers seemed to have a “crazy face” that was very bold and variable. Dominant purple whiskers stretched across the white inner petal while a band of dark purple was on the outer edges and it was capped off with a small yellow eye in the center. Flowers had a very unique overall appearance.

### **Best of Show Viola – ‘Viola Endurio® Blue Yellow with Purple Wing’ from Syngenta**

Vibrant flowers were a combination of three different colors. Varying shades of dark purple, violet and yellow created a lot of interest and although the color was variable the overall result

was very captivating. Plants were rated highly for great vigor and good uniformity. This entry also won the Best Novelty Viola category.

**Best Purple Viola - Admire® Exp. Deep Purple from Benary**

Flowers had an exceptionally dark, rich purple with a lighter violet halo that seemed to glow from the inside of the bloom. Plants were very uniform and flowering was very abundant.

**Best Light Blue Viola - Bel Viso Marina Improved from Floranova**

Evaluators were impressed with the abundance of the light blue flowers and uniform plants. White centers had a smaller dark blotch for a very unique eye. Plants had a very nice mounding growth habit.

**Best Yellow Viola - Bel Viso Yellow from Floranova**

Vigorous plants looked like bouquet of prolific yellow flowers. The vibrant blooms were a unique shade of yellow and had small dark whiskers. Flowers seemed to be slightly larger than other in that category.

For photos of these plants visit [www.flowertrials.colostate.edu](http://www.flowertrials.colostate.edu) and click on 2018 winners under the "Best Of" Cool Season trial on left side.



## Appearance Data by Student Coordinator

Genus	Cultivar	Company Name	11/9	1/23	2/6	3/8	3/27	4/12
Antirrhinum	Crack n' Pop Lavender Speckle	Floranova	2	3	4	5	5	5
Antirrhinum	Crack n' Pop Orange	Floranova	3	4	4	5	5	5
Antirrhinum	Crack n' Pop Purple	Floranova	3	4	4	5	5	5
Antirrhinum	Crack n' Pop Red	Floranova	3	4	4	5	5	5
Antirrhinum	Crack n' Pop Red Bicolor	Floranova	2	4	5	5	5	5
Antirrhinum	Crack n' Pop Rose	Floranova	3	4	5	5	5	5
Antirrhinum	Crack n' Pop White	Floranova	3	4	4	5	5	5
Antirrhinum	Crack n' Pop Yellow	Floranova	2	4	5	5	5	5
Antirrhinum	Snapshot™ Appleblossom	PanAmerican	2	4	5	5	5	5
Antirrhinum	Snapshot™ Purple	PanAmerican	2	4	5	5	5	5
Antirrhinum	Snapshot™ Sunset	PanAmerican	2	3	4	5	5	5
Bellis	Bam Bam Rose	Floranova	3	4	5	5	5	5
Bellis	Bambino Red	Floranova	2	4	5	5	5	5
Bellis	Bambino Rose	Floranova	3	4	5	5	5	5
Bellis	Compact White	Floranova	3	4	5	5	5	5
Delphinium	Hunky Dory Blue	Floranova	3	4	5	5	5	5
Dianthus	Corona Cherry Red	PanAmerican	2	3	4	4	4	5
Dianthus	Corona Rose	PanAmerican	3	4	4	4	4	4
Dianthus	Corona Salmon Red Eye	PanAmerican	3	4	5	5	5	5
Dianthus	Corona Strawberry	PanAmerican	3	4	4	4	4	4
Dianthus	Corona White	PanAmerican	3	4	5	4	4	4
Dianthus	I.Q. Blueberry Picotee	Floranova	3	4	4	3	3	3
Dianthus	I.Q. Purple	Floranova	4	4	4	3	3	3

\*Ratings = 1 (excellent) to 5 (poor)

## Appearance Data by Student Coordinator

Genus	Cultivar	Company Name	11/9	1/23	2/6	3/8	3/27	4/12
Dianthus	I.Q. Purple Ice	Floranova	3	4	4	3	3	3
Dianthus	I.Q. Raspberry Picotee	Floranova	3	4	4	4	4	4
Dianthus	I.Q. Red	Floranova	3	4	4	3	3	3
Dianthus	I.Q. Red Picotee	Floranova	3	4	4	4	4	3
Dianthus	I.Q. White	Floranova	3	4	4	3	3	3
Dianthus	Rockin' Red	PanAmerican	3	3	3	3	3	3
Nemesia	Seventh Heaven Deep Blue	Floranova	2	4	5	5	5	5
Pansy	Atlas Black	Benary	4	4	4	4	4	3
Pansy	Cats™ Light Blue	Benary	3	3	3	3	4	2
Pansy	Cats™ Orange	Benary	3	3	3	3	3	2
Pansy	Cats™ Purple & White	Benary	3	3	2	3	3	2
Pansy	Cats™ Red & Gold	Benary	3	3	2	3	4	2
Pansy	Cats™ White	Benary	4	3	2	3	2	2
Pansy	Cats™ Yellow	Benary	3	3	2	3	3	3
Pansy	Delta™ Premium Blue with Blotch	Syngenta	3	3	3	3	4	1
Pansy	Delta™ Premium Deep Blue	Syngenta	3	3	3	3	3	2
Pansy	Delta™ Premium Neon Violet	Syngenta	4	4	3	3	3	1
Pansy	Delta™ Premium Pure Light Blue	Syngenta	3	3	2	3	4	2
Pansy	Delta™ Premium Pure Violet Imp.	Syngenta	3	4	4	4	4	2
Pansy	Delta™ Premium Pure White	Syngenta	4	4	3	3	3	3
Pansy	Delta™ Premium Pure Yellow	Syngenta	3	3	2	3	2	2
Pansy	Delta™ Premium True Blue	Syngenta	3	3	3	3	4	3
Pansy	Delta™ Premium Violet and White	Syngenta	3	3	3	3	4	3

\*Ratings = 1 (excellent) to 5 (poor)

## Appearance Data by Student Coordinator

Genus	Cultivar	Company Name	11/9	1/23	2/6	3/8	3/27	4/12
Pansy	Delta™ Premium White with Blotch Imp.	Syngenta	4	3	2	3	3	2
Pansy	Delta™ Premium Yellow with Blotch	Syngenta	3	3	2	3	4	3
Pansy	Delta™ Premium Yellow with Purple Wing	Syngenta	3	3	3	3	4	3
Pansy	Inspire® Plus Beaconsfield	Benary	3	3	3	3	3	3
Pansy	Inspire® Plus Blue Blotch	Benary	4	4	3	3	3	1
Pansy	Inspire® Plus Blue Velvet	Benary	3	3	3	3	3	1
Pansy	Inspire® Plus Exp. Marina Imp.	Benary	4	3	2	3	3	2
Pansy	Inspire® Plus Exp. Pink Shades	Benary	3	3	2	3	3	2
Pansy	Inspire® Plus Lemon	Benary	3	3	2	3	4	3
Pansy	Inspire® Plus Lemon Blotch	Benary	3	3	2	3	3	3
Pansy	Inspire® Plus Metallic Blue Blotch	Benary	3	3	3	3	4	3
Pansy	Inspire® Plus Orange	Benary	4	3	2	3	3	2
Pansy	Inspire® Plus Orange Blotch	Benary	3	3	2	3	3	2
Pansy	Inspire® Plus Red Blotch	Benary	4	4	3	3	3	1
Pansy	Inspire® Plus True Blue	Benary	3	3	2	3	3	2
Pansy	Inspire® Plus Violet	Benary	4	4	3	3	3	2
Pansy	Inspire® Plus Violet Face	Benary	3	3	2	3	3	2
Pansy	Inspire® Plus White	Benary	4	3	2	3	3	3
Pansy	Inspire® Plus White Blotch	Benary	3	3	2	3	3	2
Pansy	Inspire® Plus Yellow	Benary	3	3	3	3	3	2
Pansy	Inspire® Plus Yellow Blotch Imp.	Benary	3	3	3	3	4	3
Pansy	Inspire® Plus Yellow Purple Wing	Benary	3	3	3	3	3	2
Pansy	Spring Matrix™ Blue Blotch	PanAmerican	4	3	2	3	3	1

## Appearance Data by Student Coordinator

Genus	Cultivar	Company Name	11/9	1/23	2/6	3/8	3/27	4/12
Pansy	Spring Matrix™ Red Blotch	PanAmerican	3	3	2	3	3	3
Pansy	Spring Matrix™ Yellow Imp.	PanAmerican	3	3	3	3	3	2
Pansy Trailing	Cool Wave® Morpho	PanAmerican	3	3	3	3	3	2
Pansy Trailing	Cool Wave® Raspberry	PanAmerican	3	3	3	3	3	2
Pansy Trailing	Cool Wave® Yellow Golden	PanAmerican	3	3	3	3	3	2
Pansy Trailing	Freefall XL Azure Blue	Floranova	3	3	2	3	3	2
Pansy Trailing	Freefall XL Bright Yellow	Floranova	2	2	2	3	3	3
Pansy Trailing	Freefall XL Purple Face	Floranova	3	3	2	3	3	2
Pansy Trailing	Freefall XL Red Wing	Floranova	3	3	3	3	3	2
Viola	Admire® Blue	Benary	2	3	3	3	3	2
Viola	Admire® Deep Blue	Benary	3	3	2	3	3	2
Viola	Admire® Denim	Benary	3	3	2	3	3	1
Viola	Admire® Exp. Deep Purple	Benary	3	3	3	3	3	2
Viola	Admire® Exp. Lavender Pink	Benary	3	3	2	3	3	3
Viola	Admire® Exp. Lemon Purple Wing	Benary	3	3	2	3	2	1
Viola	Admire® Exp. Neon Purple Wing	Benary	3	3	3	3	3	1
Viola	Admire® Exp. Purple Blue	Benary	3	3	2	3	3	2
Viola	Admire® Marina	Benary	3	3	2	3	3	1
Viola	Admire® Orange Purple Wing	Benary	3	3	3	3	3	1
Viola	Admire® Pink Imp.	Benary	3	3	2	3	3	2
Viola	Admire® Pink Surprise	Benary	3	3	2	3	3	2
Viola	Admire® Purple White Face	Benary	3	3	3	3	3	2
Viola	Admire® Red Blotch	Benary	3	3	2	3	3	3

## Appearance Data by Student Coordinator

Genus	Cultivar	Company Name	11/9	1/23	2/6	3/8	3/27	4/12
Viola	Admire® Ruby Gold	Benary	2	3	3	3	3	1
Viola	Admire® White	Benary	3	3	2	3	3	2
Viola	Admire® White Purple Wing	Benary	3	3	3	3	3	2
Viola	Admire® Yellow Blotch	Benary	3	3	2	3	3	2
Viola	Admire® Yellow Imp.	Benary	3	3	2	3	2	1
Viola	Admire® Yellow Purple Wing	Benary	3	3	2	3	3	1
Viola	Bel Viso Marina	Floranova	3	3	2	3	3	1
Viola	Bel Viso Pineapple Crush	Floranova	3	3	2	3	3	2
Viola	Bel Viso Yellow Blotch	Floranova	3	3	2	3	3	2
Viola	Bel Viso Yellow Imp.	Floranova	3	3	2	3	2	1
Viola	Endurio® Blue Yellow	Syngenta	3	3	2	3	3	1
Viola	Endurio® Red Flare	Syngenta	3	3	2	3	3	2
Viola	Endurio® Sky Blue	Syngenta	3	3	2	3	3	1
Viola	Endurio® White Imp.	Syngenta	2	2	2	3	3	3
Viola	Endurio® Yellow Imp.	Syngenta	3	3	2	3	3	1
Viola	Penny Blue	Syngenta	3	3	3	3	3	2
Viola	Penny Clear Yellow	Syngenta	3	3	2	3	3	1
Viola	Penny Deep Blue Imp.	Syngenta	3	3	2	3	3	2
Viola	Penny Exp. Violet	Syngenta	3	3	2	3	3	1
Viola	Penny Exp. Yellow Jump Up Imp.	Syngenta	3	3	2	3	3	2
Viola	Penny Orange	Syngenta	3	3	3	3	3	3
Viola	Penny White	Syngenta	3	3	2	3	3	3
Viola	Penny White Jump Up Imp.	Syngenta	3	3	2	3	3	1

### Appearance Data by Student Coordinator

Genus	Cultivar	Company Name	11/9	1/23	2/6	3/8	3/27	4/12
Viola	Sorbet® Honeybee	PanAmerican	3	3	2	3	3	1
Viola	Sorbet® XP Blue Blotch Imp.	PanAmerican	3	3	2	3	3	1
Viola	Sorbet® XP Deep Orange	PanAmerican	3	3	2	3	3	3
Viola	Sorbet® XP True Blue	PanAmerican	2	3	3	3	3	2
Viola	Sorbet® XP Yellow Blotch Imp.	PanAmerican	3	3	2	3	3	1
Viola	Sorbet® Yellow Violet Jump Up	PanAmerican	3	3	3	3	3	1

## Frost Damage Data

Genus	Cultivar	Company Name	11/9	1/23	2/6	2/22	3/8	3/27	4/12
Antirrhinum	Crack n' Pop Lavender Speckle	Floranova	2	3	3	4	5	5	5
Antirrhinum	Crack n' Pop Orange	Floranova	2	3	3	4	5	5	5
Antirrhinum	Crack n' Pop Purple	Floranova	3	3	3	4	5	5	5
Antirrhinum	Crack n' Pop Red	Floranova	3	3	3	4	5	5	5
Antirrhinum	Crack n' Pop Red Bicolor	Floranova	2	3	4	5	5	5	5
Antirrhinum	Crack n' Pop Rose	Floranova	2	3	4	5	5	5	5
Antirrhinum	Crack n' Pop White	Floranova	3	4	3	4	5	5	5
Antirrhinum	Crack n' Pop Yellow	Floranova	3	5	5	5	5	5	5
Antirrhinum	Snapshot™ Appleblossom	PanAmerican	3	4	4	5	5	5	5
Antirrhinum	Snapshot™ Purple	PanAmerican	3	4	4	5	5	5	5
Antirrhinum	Snapshot™ Sunset	PanAmerican	2	3	3	4	5	5	5
Bellis	Bam Bam Rose	Floranova	2	4	5	5	5	5	5
Bellis	Bambino Red	Floranova	2	4	5	5	5	5	5
Bellis	Bambino Rose	Floranova	1	4	5	5	5	5	5
Bellis	Compact White	Floranova	1	4	5	5	5	5	5
Delphinium	Hunky Dory Blue	Floranova	1	4	5	5	5	5	5
Dianthus	Corona Cherry Red	PanAmerican	1	3	4	4	4	4	5
Dianthus	Corona Rose	PanAmerican	1	3	3	3	3	4	4
Dianthus	Corona Salmon Red Eye	PanAmerican	1	3	3	4	5	5	5
Dianthus	Corona Strawberry	PanAmerican	1	2	2	3	4	4	4
Dianthus	Corona White	PanAmerican	1	3	3	3	4	4	4

\*\*Ratings = 1 (little to no dieback) to 5 (Dead)

## Frost Damage Data

Genus	Cultivar	Company Name	11/9	1/23	2/6	2/22	3/8	3/27	4/12
Dianthus	I.Q. Blueberry Picotee	Floranova	1	2	2	2	3	3	3
Dianthus	I.Q. Purple	Floranova	1	2	2	2	3	3	3
Dianthus	I.Q. Purple Ice	Floranova	2	3	3	4	3	3	3
Dianthus	I.Q. Raspberry Picotee	Floranova	2	3	3	3	4	4	4
Dianthus	I.Q. Red	Floranova	2	3	2	2	3	3	3
Dianthus	I.Q. Red Picotee	Floranova	2	3	2	3	4	4	3
Dianthus	I.Q. White	Floranova	2	3	3	4	3	3	3
Dianthus	Rockin' Red	PanAmerican	2	3	3	4	3	3	3
Nemesia	Seventh Heaven Deep Blue	Floranova	2	4	5	5	5	5	5
Pansy	Atlas Black	Benary	3	4	3	3	3	3	3
Pansy	Cats™ Light Blue	Benary	2	3	2	2	3	3	2
Pansy	Cats™ Orange	Benary	2	3	3	3	3	3	2
Pansy	Cats™ Purple & White	Benary	2	3	3	3	2	2	2
Pansy	Cats™ Red & Gold	Benary	2	3	3	3	3	3	2
Pansy	Cats™ White	Benary	1	2	2	3	2	2	1
Pansy	Cats™ Yellow	Benary	2	3	2	2	3	3	2
Pansy	Delta™ Premium Blue with Blotch	Syngenta	2	3	2	2	3	3	1
Pansy	Delta™ Premium Deep Blue	Syngenta	2	3	2	3	2	2	2
Pansy	Delta™ Premium Neon Violet	Syngenta	3	3	2	2	2	2	1
Pansy	Delta™ Premium Pure Light Blue	Syngenta	2	3	2	2	3	3	2
Pansy	Delta™ Premium Pure Violet Imp.	Syngenta	2	3	3	3	3	3	2

\*\*Ratings = 1 (little to no dieback) to 5 (Dead)



## Frost Damage Data

Genus	Cultivar	Company Name	11/9	1/23	2/6	2/22	3/8	3/27	4/12
Pansy	Delta™ Premium Pure White	Syngenta	2	3	3	3	2	2	3
Pansy	Delta™ Premium Pure Yellow	Syngenta	2	3	2	3	2	2	1
Pansy	Delta™ Premium True Blue	Syngenta	2	3	2	2	3	3	3
Pansy	Delta™ Premium Violet and White	Syngenta	2	3	3	3	3	3	2
Pansy	Delta™ Premium White with Blotch Imp.	Syngenta	1	2	2	2	3	3	2
Pansy	Delta™ Premium Yellow with Blotch	Syngenta	2	3	2	2	3	3	2
Pansy	Delta™ Premium Yellow with Purple Wing	Syngenta	2	3	2	2	3	3	2
Pansy	Inspire® Plus Beaconsfield	Benary	2	3	3	3	3	3	2
Pansy	Inspire® Plus Blue Blotch	Benary	3	3	2	3	2	2	1
Pansy	Inspire® Plus Blue Velvet	Benary	2	3	2	3	2	2	1
Pansy	Inspire® Plus Exp. Marina Imp.	Benary	3	4	3	3	2	2	2
Pansy	Inspire® Plus Exp. Pink Shades	Benary	2	3	2	3	2	2	1
Pansy	Inspire® Plus Lemon	Benary	2	3	2	2	3	3	2
Pansy	Inspire® Plus Lemon Blotch	Benary	2	3	2	2	3	3	2
Pansy	Inspire® Plus Metallic Blue Blotch	Benary	2	3	3	3	3	3	3
Pansy	Inspire® Plus Orange	Benary	3	3	2	3	2	2	2
Pansy	Inspire® Plus Orange Blotch	Benary	2	3	2	3	2	2	1
Pansy	Inspire® Plus Red Blotch	Benary	2	3	3	3	2	2	1
Pansy	Inspire® Plus True Blue	Benary	2	3	2	3	2	2	2
Pansy	Inspire® Plus Violet	Benary	3	4	3	3	2	2	2
Pansy	Inspire® Plus Violet Face	Benary	2	3	2	3	2	2	2

\*\*Ratings = 1 (little to no dieback) to 5 (Dead)

## Frost Damage Data

Genus	Cultivar	Company Name	11/9	1/23	2/6	2/22	3/8	3/27	4/12
Pansy	Inspire® Plus White	Benary	1	3	3	3	3	3	3
Pansy	Inspire® Plus White Blotch	Benary	1	2	2	2	3	3	2
Pansy	Inspire® Plus Yellow	Benary	2	3	2	3	2	2	2
Pansy	Inspire® Plus Yellow Blotch Imp.	Benary	2	3	3	3	3	3	2
Pansy	Inspire® Plus Yellow Purple Wing	Benary	2	3	3	3	3	3	2
Pansy	Spring Matrix™ Blue Blotch	PanAmerican	3	4	3	3	2	2	1
Pansy	Spring Matrix™ Red Blotch	PanAmerican	1	2	2	3	2	2	1
Pansy	Spring Matrix™ Yellow Imp.	PanAmerican	2	3	2	2	3	3	1
Pansy Trailing	Cool Wave® Morpho	PanAmerican	1	3	3	3	3	3	1
Pansy Trailing	Cool Wave® Raspberry	PanAmerican	2	3	3	3	3	3	2
Pansy Trailing	Cool Wave® Yellow Golden	PanAmerican	2	3	2	2	3	3	2
Pansy Trailing	Freefall XL Azure Blue	Floranova	2	3	2	3	2	2	2
Pansy Trailing	Freefall XL Bright Yellow	Floranova	3	3	2	2	3	3	2
Pansy Trailing	Freefall XL Purple Face	Floranova	1	2	2	2	3	3	1
Pansy Trailing	Freefall XL Red Wing	Floranova	2	3	2	2	3	3	1
Viola	Admire® Blue	Benary	3	4	3	3	3	3	2
Viola	Admire® Deep Blue	Benary	2	3	2	2	3	3	1
Viola	Admire® Denim	Benary	2	3	3	3	2	2	1
Viola	Admire® Exp. Deep Purple	Benary	2	3	2	2	3	3	1
Viola	Admire® Exp. Lavender Pink	Benary	2	3	2	3	2	2	2
Viola	Admire® Exp. Lemon Purple Wing	Benary	1	2	2	3	2	2	1

\*\*Ratings = 1 (little to no dieback) to 5 (Dead)

## Frost Damage Data

Genus	Cultivar	Company Name	11/9	1/23	2/6	2/22	3/8	3/27	4/12
Viola	Admire® Exp. Neon Purple Wing	Benary	2	3	2	3	2	2	1
Viola	Admire® Exp. Purple Blue	Benary	2	3	2	2	3	3	1
Viola	Admire® Marina	Benary	2	3	2	3	2	2	1
Viola	Admire® Orange Purple Wing	Benary	2	3	3	3	3	3	1
Viola	Admire® Pink Imp.	Benary	2	3	2	2	3	3	1
Viola	Admire® Pink Surprise	Benary	2	3	2	2	3	3	1
Viola	Admire® Purple White Face	Benary	1	3	3	3	3	3	1
Viola	Admire® Red Blotch	Benary	2	3	2	2	3	3	2
Viola	Admire® Ruby Gold	Benary	2	3	3	3	3	3	1
Viola	Admire® White	Benary	2	3	2	2	3	3	2
Viola	Admire® White Purple Wing	Benary	2	3	3	3	3	3	1
Viola	Admire® Yellow Blotch	Benary	1	2	2	3	2	2	1
Viola	Admire® Yellow Imp.	Benary	1	2	2	3	2	2	1
Viola	Admire® Yellow Purple Wing	Benary	1	2	2	3	2	2	1
Viola	Bel Viso Marina	Floranova	2	3	2	2	3	3	1
Viola	Bel Viso Pineapple Crush	Floranova	2	3	3	3	3	3	1
Viola	Bel Viso Yellow Blotch	Floranova	2	3	2	3	2	2	1
Viola	Bel Viso Yellow Imp.	Floranova	1	2	2	3	2	2	1
Viola	Endurio® Blue Yellow	Syngenta	2	3	2	3	2	2	1
Viola	Endurio® Red Flare	Syngenta	2	3	2	2	3	3	1
Viola	Endurio® Sky Blue	Syngenta	2	3	2	3	2	2	1

\*\*Ratings = 1 (little to no dieback) to 5 (Dead)

## Frost Damage Data

Genus	Cultivar	Company Name	11/9	1/23	2/6	2/22	3/8	3/27	4/12
Viola	Endurio® White Imp.	Syngenta	3	3	2	2	3	3	2
Viola	Endurio® Yellow Imp.	Syngenta	2	3	2	3	2	2	1
Viola	Penny Blue	Syngenta	3	4	3	3	3	3	1
Viola	Penny Clear Yellow	Syngenta	1	2	2	3	2	2	1
Viola	Penny Deep Blue Imp.	Syngenta	2	3	3	3	3	3	1
Viola	Penny Exp. Violet	Syngenta	1	2	2	2	3	3	1
Viola	Penny Exp. Yellow Jump Up Imp.	Syngenta	2	3	2	2	3	3	1
Viola	Penny Orange	Syngenta	2	3	3	3	3	3	2
Viola	Penny White	Syngenta	2	3	2	2	3	3	2
Viola	Penny White Jump Up Imp.	Syngenta	2	3	2	3	2	2	1
Viola	Sorbet® Honeybee	PanAmerican	2	3	2	2	3	3	1
Viola	Sorbet® XP Blue Blotch Imp.	PanAmerican	2	3	2	3	2	2	1
Viola	Sorbet® XP Deep Orange	PanAmerican	2	3	2	2	3	3	2
Viola	Sorbet® XP True Blue	PanAmerican	3	4	3	3	3	3	2
Viola	Sorbet® XP Yellow Blotch Imp.	PanAmerican	1	2	2	3	2	2	1
Viola	Sorbet® Yellow Violet Jump Up	PanAmerican	2	3	2	2	3	3	1

\*\*Ratings = 1 (little to no dieback) to 5 (Dead)

## Approximate Percentage of Plant in Bloom by Date

Genus	Cultivar	Company Name	2/6	2/22	3/8	3/27	4/12
Antirrhinum	Crack n' Pop Lavender Speckle	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop Orange	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop Purple	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop Red	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop Red Bicolor	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop Rose	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop White	Floranova	0	0	0	0	0
Antirrhinum	Crack n' Pop Yellow	Floranova	0	0	0	0	0
Antirrhinum	Snapshot™ Appleblossom	PanAmerican	0	0	0	0	0
Antirrhinum	Snapshot™ Purple	PanAmerican	0	0	0	0	0
Antirrhinum	Snapshot™ Sunset	PanAmerican	0	0	0	0	0
Bellis	Bam Bam Rose	Floranova	0	0	0	0	0
Bellis	Bambino Red	Floranova	0	0	0	0	0
Bellis	Bambino Rose	Floranova	0	0	0	0	0
Bellis	Compact White	Floranova	0	0	0	0	0
Delphinium	Hunky Dory Blue	Floranova	0	0	0	0	0
Dianthus	Corona Cherry Red	PanAmerican	0	0	0	0	0
Dianthus	Corona Rose	PanAmerican	0	0	0	0	0
Dianthus	Corona Salmon Red Eye	PanAmerican	0	0	0	0	0
Dianthus	Corona Strawberry	PanAmerican	0	0	0	0	0
Dianthus	Corona White	PanAmerican	0	0	0	0	0
Dianthus	I.Q. Blueberry Picotee	Floranova	0	0	0	0	0
Dianthus	I.Q. Purple	Floranova	0	0	0	0	0

\*Estimates are of approximate percentage of plant in bloom

## Approximate Percentage of Plant in Bloom by Date

Genus	Cultivar	Company Name	2/6	2/22	3/8	3/27	4/12
Dianthus	I.Q. Purple Ice	Floranova	0	0	0	0	0
Dianthus	I.Q. Raspberry Picotee	Floranova	0	0	0	0	0
Dianthus	I.Q. Red	Floranova	0	0	0	0	0
Dianthus	I.Q. Red Picotee	Floranova	0	0	0	0	0
Dianthus	I.Q. White	Floranova	0	0	0	0	0
Dianthus	Rockin' Red	PanAmerican	0	0	0	0	0
Nemesia	Seventh Heaven Deep Blue	Floranova	0	0	5	10	10
Pansy	Atlas Black	Benary	0	10	10	25	20
Pansy	Cats™ Light Blue	Benary	10	10	10	25	50
Pansy	Cats™ Orange	Benary	0	10	10	25	60
Pansy	Cats™ Purple & White	Benary	0	10	10	25	40
Pansy	Cats™ Red & Gold	Benary	0	10	25	50	80
Pansy	Cats™ White	Benary	0	0	5	10	20
Pansy	Cats™ Yellow	Benary	10	10	10	25	60
Pansy	Delta™ Premium Blue with Blotch	Syngenta	0	10	10	25	80
Pansy	Delta™ Premium Deep Blue	Syngenta	0	10	10	25	50
Pansy	Delta™ Premium Neon Violet	Syngenta	0	0	5	10	10
Pansy	Delta™ Premium Pure Light Blue	Syngenta	0	10	25	50	60
Pansy	Delta™ Premium Pure Violet Imp.	Syngenta	0	10	10	25	40
Pansy	Delta™ Premium Pure White	Syngenta	0	10	10	25	60
Pansy	Delta™ Premium Pure Yellow	Syngenta	10	10	10	25	80
Pansy	Delta™ Premium True Blue	Syngenta	10	10	25	50	60
Pansy	Delta™ Premium Violet and White	Syngenta	0	0	0	5	20

\*Estimates are of approximate percentage of plant in bloom

## Approximate Percentage of Plant in Bloom by Date

Genus	Cultivar	Company Name	2/6	2/22	3/8	3/27	4/12
Pansy	Delta™ Premium White with Blotch Imp.	Syngenta	0	0	5	10	60
Pansy	Delta™ Premium Yellow with Blotch	Syngenta	0	10	10	25	50
Pansy	Delta™ Premium Yellow with Purple Wing	Syngenta	0	10	25	50	90
Pansy	Inspire® Plus Beaconsfield	Benary	0	0	5	10	40
Pansy	Inspire® Plus Blue Blotch	Benary	0	10	10	25	50
Pansy	Inspire® Plus Blue Velvet	Benary	10	10	10	25	30
Pansy	Inspire® Plus Exp. Marina Imp.	Benary	0	10	10	25	80
Pansy	Inspire® Plus Exp. Pink Shades	Benary	0	0	5	10	20
Pansy	Inspire® Plus Lemon	Benary	0	0	5	10	40
Pansy	Inspire® Plus Lemon Blotch	Benary	0	10	10	25	50
Pansy	Inspire® Plus Metallic Blue Blotch	Benary	0	10	10	25	60
Pansy	Inspire® Plus Orange	Benary	0	10	10	25	40
Pansy	Inspire® Plus Orange Blotch	Benary	0	10	10	25	50
Pansy	Inspire® Plus Red Blotch	Benary	10	10	10	25	60
Pansy	Inspire® Plus True Blue	Benary	0	0	5	10	40
Pansy	Inspire® Plus Violet	Benary	10	10	10	25	40
Pansy	Inspire® Plus Violet Face	Benary	0	10	10	25	40
Pansy	Inspire® Plus White	Benary	0	10	10	25	60
Pansy	Inspire® Plus White Blotch	Benary	10	10	25	50	80
Pansy	Inspire® Plus Yellow	Benary	0	10	10	25	50
Pansy	Inspire® Plus Yellow Blotch Imp.	Benary	0	10	25	50	60
Pansy	Inspire® Plus Yellow Purple Wing	Benary	0	10	10	25	80
Pansy	Spring Matrix™ Blue Blotch	PanAmerican	0	10	10	25	50

\*Estimates are of approximate percentage of plant in bloom

## Approximate Percentage of Plant in Bloom by Date

Genus	Cultivar	Company Name	2/6	2/22	3/8	3/27	4/12
Pansy	Spring Matrix™ Red Blotch	PanAmerican	0	10	10	25	80
Pansy	Spring Matrix™ Yellow Imp.	PanAmerican	10	10	10	25	60
Pansy Trailing	Cool Wave® Morpho	PanAmerican	0	10	10	25	90
Pansy Trailing	Cool Wave® Raspberry	PanAmerican	0	10	25	50	90
Pansy Trailing	Cool Wave® Yellow Golden	PanAmerican	0	10	10	25	80
Pansy Trailing	Freefall XL Azure Blue	Floranova	0	10	25	50	90
Pansy Trailing	Freefall XL Bright Yellow	Floranova	0	10	10	25	90
Pansy Trailing	Freefall XL Purple Face	Floranova	10	10	10	25	80
Pansy Trailing	Freefall XL Red Wing	Floranova	10	10	25	50	80
Viola	Admire® Blue	Benary	0	10	25	50	90
Viola	Admire® Deep Blue	Benary	10	10	25	50	90
Viola	Admire® Denim	Benary	0	10	25	50	90
Viola	Admire® Exp. Deep Purple	Benary	10	10	25	50	80
Viola	Admire® Exp. Lavender Pink	Benary	0	10	10	25	80
Viola	Admire® Exp. Lemon Purple Wing	Benary	0	10	10	25	90
Viola	Admire® Exp. Neon Purple Wing	Benary	0	10	10	25	90
Viola	Admire® Exp. Purple Blue	Benary	0	10	25	50	90
Viola	Admire® Marina	Benary	0	10	10	25	80
Viola	Admire® Orange Purple Wing	Benary	10	5	5	10	60
Viola	Admire® Pink Imp.	Benary	10	10	10	25	70
Viola	Admire® Pink Surprise	Benary	0	10	10	25	70
Viola	Admire® Purple White Face	Benary	0	10	25	50	80
Viola	Admire® Red Blotch	Benary	0	10	10	25	60

\*Estimates are of approximate percentage of plant in bloom



## Approximate Percentage of Plant in Bloom by Date

Genus	Cultivar	Company Name	2/6	2/22	3/8	3/27	4/12
Viola	Admire® Ruby Gold	Benary	10	10	25	50	90
Viola	Admire® White	Benary	10	10	10	25	90
Viola	Admire® White Purple Wing	Benary	10	10	10	25	70
Viola	Admire® Yellow Blotch	Benary	10	10	25	50	90
Viola	Admire® Yellow Imp.	Benary	0	10	10	25	80
Viola	Admire® Yellow Purple Wing	Benary	0	10	30	50	90
Viola	Bel Viso Marina	Floranova	0	10	25	50	90
Viola	Bel Viso Pineapple Crush	Floranova	0	10	25	50	90
Viola	Bel Viso Yellow Blotch	Floranova	0	10	25	50	80
Viola	Bel Viso Yellow Imp.	Floranova	10	10	10	25	80
Viola	Endurio® Blue Yellow	Syngenta	10	10	10	25	90
Viola	Endurio® Red Flare	Syngenta	0	10	10	25	80
Viola	Endurio® Sky Blue	Syngenta	0	0	5	10	70
Viola	Endurio® White Imp.	Syngenta	10	10	25	50	90
Viola	Endurio® Yellow Imp.	Syngenta	0	10	25	50	90
Viola	Penny Blue	Syngenta	10	10	25	50	90
Viola	Penny Clear Yellow	Syngenta	0	10	10	25	80
Viola	Penny Deep Blue Imp.	Syngenta	0	10	10	25	90
Viola	Penny Exp. Violet	Syngenta	10	10	10	25	80
Viola	Penny Exp. Yellow Jump Up Imp.	Syngenta	0	10	30	50	90
Viola	Penny Orange	Syngenta	0	10	25	50	90
Viola	Penny White	Syngenta	10	10	10	25	90
Viola	Penny White Jump Up Imp.	Syngenta	0	10	25	50	90

\*Estimates are of approximate percentage of plant in bloom

## Approximate Percentage of Plant in Bloom by Date

Genus	Cultivar	Company Name	2/6	2/22	3/8	3/27	4/12
Viola	Sorbet® Honeybee	PanAmerican	0	10	25	50	90
Viola	Sorbet® XP Blue Blotch Imp.	PanAmerican	0	10	25	50	90
Viola	Sorbet® XP Deep Orange	PanAmerican	0	10	25	50	80
Viola	Sorbet® XP True Blue	PanAmerican	0	10	10	25	70
Viola	Sorbet® XP Yellow Blotch Imp.	PanAmerican	10	10	10	25	90
Viola	Sorbet® Yellow Violet Jump Up	PanAmerican	0	10	30	50	90

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Antirrhinum	Crack n' Pop Lavender Speckle	Floranova	[4] Low Vigor	1.00	Many dead, Not many overwintered, One specimen present. Very poor winter survival
Antirrhinum	Crack n' Pop Orange	Floranova	[4] Low Vigor	1.00	Most dead, Not many overwintered, Very poor winter survival
Antirrhinum	Crack n' Pop Purple	Floranova	[5] Low Vigor	1.27	Best survival of any antirrhinum but still very weak, Very little life left in plant.
Antirrhinum	Crack n' Pop Red	Floranova	[5] Low Vigor	1.13	Most dead, Did not survive, Few plants left, Very poor winter survival
Antirrhinum	Crack n' Pop Red Bicolor	Floranova	[4] Low Vigor	1.07	Most dead , Very poor winter survival
Antirrhinum	Crack n' Pop Rose	Floranova	[4] Low Vigor	1.07	Almost all dead , Dead, Did not survive., Did not make it., Very poor winter survival
Antirrhinum	Crack n' Pop White	Floranova	[4] Low Vigor	1.07	Almost all dead , Very poor winter survival
Antirrhinum	Crack n' Pop Yellow	Floranova	[3] Low Vigor	1.00	All dead , Did not survive, Did not make it, none overwintered
Antirrhinum	Snapshot™ Appleblossom	PanAmerican Seed Co.	[3] Low Vigor	1.00	All dead , Did not survive, None overwintered
Antirrhinum	Snapshot™ Purple	PanAmerican Seed Co.	[3] Low Vigor	1.07	All dead , Did not make it.
Antirrhinum	Snapshot™ Sunset	PanAmerican Seed Co.	[4] Low Vigor	1.07	Most dead,Did not make it, Very poor winter survival
Bellis	Bam Bam Rose	Floranova	[2] Low Vigor	1.00	All dead , Did not survive.
Bellis	Bambino Red	Floranova	[2] Low Vigor	1.00	All dead , Did not survive.
Bellis	Bambino Rose	Floranova	[2] Low Vigor	1.00	All dead, Did not survive.
Bellis	Compact White	Floranova	[2] Low Vigor	1.00	All dead , Did not survive.
Delphinium	Hunky Dory Blue	Floranova	[2] Low Vigor	1.00	All dead , Did not survive.
Dianthus	Corona Cherry Red	PanAmerican Seed Co.	[1] Non-Uniform, [5] Low Vigor	1.20	About 40% alive but weak, Minimal survival, Most plants died but 3 of them survived , Very poor winter survival
Dianthus	Corona Rose	PanAmerican Seed Co.	[1] Non-Uniform, [9] Low Vigor	1.33	Almost all dead , Did not do real well. , Few survived, Very poor winter survival

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Dianthus	Corona Salmon Red Eye	PanAmerican Seed Co.	[5] Low Vigor	1.00	Almost all dead , Did not survive, Minimal survival.
Dianthus	Corona Strawberry	PanAmerican Seed Co.	[1] Non-Uniform, [1] Some Chlorosis, [1] Uniform, [8] Low Vigor	1.93	Most survived but look weak, With the plants that came back the foliage is yellow to lime green.
Dianthus	Corona White	Floranova	[1] Non-Uniform, [8] Low Vigor	1.93	All plants survived, Most survived but look weak
Dianthus	I.Q. Blueberry Picotee	Floranova	[1] Few Flowers, [1] Great Foliage, [1] Non-Uniform, [3] Uniform, [5] Low Vigor	3.13	All plants survived, Good winter survival , No flowers yet.
Dianthus	I.Q. Purple	Floranova	[1] Great Foliage, [1] Non-Uniform, [4] Uniform, [6] Low Vigor	3.33	All plants survived, Good growth.
Dianthus	I.Q. Purple Ice	Floranova	[1] Few Flowers, [1] Non-Uniform, [2] Low Vigor, [3] Great Foliage, [5] Uniform, [5] Vigorous Plant	4.27	All plants survived, Looks healthy no booms yet, has a nice mound shape to it.
Dianthus	I.Q. Raspberry Picotee	Floranova	[1] Non-Uniform, [8] Low Vigor	2.53	Some survival, low vigor
Dianthus	I.Q. Red	Floranova	[1] Non-Uniform, [2] Uniform, [4] Low Vigor	3.07	75% survival rate, Good winter survival , Will look better when blooming.
Dianthus	I.Q. Red Picotee	Floranova	[1] Non-Uniform, [1] Uniform, [4] Low Vigor	2.87	25% are weak , Will look better when blooming.
Dianthus	I.Q. White	Floranova	[1] Non-Uniform, [2] Great Foliage, [2] Low Vigor, [4] Vigorous Plant, [6] Uniform	4.33	All overwintered, Excellent winter survival , Nice growth form. , Will look better when blooming.
Dianthus	Rockin' Red	PanAmerican Seed Co.	[1] Non-Uniform, [2] Low Vigor, [5] Uniform, [6] Great Foliage, [6] Vigorous Plant	4.93	Excellent winter survival, Purple tinged foliage looks promising, flower buds showing , The foliage has a reddish/purple color to the edges which makes it stand out a little. Also nice growth
Nemesia	Seventh Heaven Deep Blue	Floranova	[2] Low Vigor	1.00	All dead, No plants survived.
Pansy	Atlas Black	Benary	[1] Great Foliage, [2] Non-Uniform, [2] Uniform, [2] Unique Colors, [3] Unique Flower, [4] Low Vigor, [5] Unique Flower Color, [6] Few Flowers	4.20	Black flower color with the yellow center. Wish it had more flowers. , Low vigor, Like the curled and ruffled shape of blossom Vigorous , Not sure if this is supposed to end like this but I like the curled and ruffled shape of blossom
Pansy	Cats™ Light Blue	Benary	[1] Great Foliage, [1] Low Vigor, [1] Vibrant Flower Color, [2] Unique Colors, [2] Unique Flower, [2] Vigorous Plant, [3] Few Flowers, [3] Many Flowers, [3] Uniform, [3] Unique Flower Color, [5] Non-Uniform	5.13	Not many flowers, Whiskers are nice but flowers are all over the place - not uniform enough, Love the whiskers in the flower and like the white and light purple color.

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Pansy	Cats™ Orange	Benary	[1] Great Foliage, [1] Unique Flower, [2] Many Flowers, [2] Non-Uniform, [2] Vigorous Plant, [3] Vibrant Flower Color, [4] Low Vigor, [4] Unique Flower Color, [5] Uniform, [6] Few Flowers	5.07	Does not show the whiskers like the light blue did. Different and nice orange flower, Nice deep orange flower color.
Pansy	Cats™ Purple & White	Benary	[1] Many Flowers, [2] Low Vigor, [2] Non-Uniform, [2] Unique Colors, [2] Vibrant Flower Color, [3] Great Foliage, [3] Vigorous Plant, [5] Uniform, [5] Unique Flower Color, [9] Few Flowers	5.33	Not very uniform in habit , very unique flower
Pansy	Cats™ Red & Gold	Benary	[2] Many Flowers, [2] Unique Colors, [2] Unique Flower, [2] Vibrant Flower Color, [3] Vigorous Plant, [4] Great Foliage, [6] Unique Flower Color, [7] Few Flowers, [9] Uniform	5.80	Consistent in shape and flower volume but not really vigorous , Nice but improvement needed in uniformity, The red flower color is more like a rusty red then a red.
Pansy	Cats™ White	Benary	[11] Many Flowers, [1] Color Does Not Match Name, [1] Unique Flower, [2] Unique Flower Color, [3] Vibrant Flower Color, [4] Great Foliage, [6] Vigorous Plant, [9] Uniform	6.93	Nice whiskered petals, however flower color is a pale yellow, Maybe a name change to Cats Light Yellow would be a better match. , unique whisker pattern
Pansy	Cats™ Yellow	Benary	[1] Unique Colors, [1] Unique Flower Color, [2] Few Flowers, [2] Non-Uniform, [3] Vigorous Plant, [4] Great Foliage, [5] Many Flowers, [5] Uniform, [6] Vibrant Flower Color	5.80	Nice but could improve on the consistency of the whiskers , Sturdy leaf good bloom color.
Pansy	Cool Wave® Morpho	PanAmerican Seed Co.	[1] Few Flowers, [1] Great Foliage, [1] Low Vigor, [1] Non-Uniform, [3] Unique Flower Color, [4] Unique Colors, [4] Vibrant Flower Color, [5] Uniform, [5] Vigorous Plant, [8] Many Flowers	6.07	Blossoms held high above plant which gives it a nice airy texture. Great flower color.
Pansy	Cool Wave® Raspberry	PanAmerican Seed Co.	[10] Many Flowers, [1] Great Foliage, [1] Unique Colors, [1] Unique Flower Color, [1] Vibrant Flower Color, [2] Non-Uniform, [3] Vigorous Plant, [6] Uniform	5.93	Flower color muddy, not weather resistant, Love the color and ruffled petal, Unique color but dull, not vibrant., Wash out color
Pansy	Cool Wave® Yellow Golden	PanAmerican Seed Co.	[1] Great Foliage, [1] Non-Uniform, [1] Unique Flower, [4] Vibrant Flower Color, [5] Vigorous Plant, [8] Uniform, [9] Many Flowers	6.53	Plants don't perform well in wet weather.
Pansy	Delta™ Premium Blue with Blotch	Syngenta	[1] Vigorous Plant, [2] Few Flowers, [2] Low Vigor, [3] Great Foliage, [3] Vibrant Flower Color, [4] Many Flowers, [4] Non-Uniform, [4] Uniform	5.73	Foliage is uniform but the flowers are not uniform. , inconsistent number of flowers, Uninspired
Pansy	Delta™ Premium Deep Blue	Syngenta	[2] Non-Uniform, [2] Vigorous Plant, [5] Low Vigor, [5] Uniform, [5] Vibrant Flower Color, [8] Many Flowers	5.80	Uninspired, not real vigorous
Pansy	Delta™ Premium Neon Violet	Syngenta	[1] Unique Colors, [2] Great Foliage, [2] Non-Uniform, [2] Unique Flower Color, [3] Vigorous Plant, [6] Uniform, [7] Vibrant Flower Color, [8] Many Flowers	6.33	Nice bloom size
Pansy	Delta™ Premium Pure Light Blue	Syngenta	[11] Many Flowers, [1] Low Vigor, [1] Unique Flower, [2] Vibrant Flower Color, [4] Vigorous Plant, [9] Uniform	6.33	Nice flower color, vigor is good
Pansy	Delta™ Premium Pure Violet Imp.	Syngenta	[1] Great Foliage, [1] Many Flowers, [1] Vibrant Flower Color, [2] Non-Uniform, [4] Uniform, [7] Few Flowers, [8] Low Vigor	4.33	Lower vigor and fewer flowers

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Pansy	Delta™ Premium Pure White	Syngenta	[1] Vibrant Flower Color, [2] Great Foliage, [2] Many Flowers, [2] Non-Uniform, [4] Uniform, [6] Low Vigor, [8] Few Flowers	4.73	Not many flowers.
Pansy	Delta™ Premium Pure Yellow	Syngenta	[10] Uniform, [1] Unique Flower Color, [5] Great Foliage, [7] Vibrant Flower Color, [8] Many Flowers, [8] Vigorous Plant	7.20	Ruffled petals looked good.
Pansy	Delta™ Premium True Blue	Syngenta	[1] Great Foliage, [1] Vibrant Flower Color, [2] Few Flowers, [2] Non-Uniform, [2] Unique Flower Color, [3] Uniform, [4] Many Flowers, [5] Low Vigor	5.00	Bright yellow eye is the best quality of this plant, Just average nothing particularly great or bad , Not particularly showy
Pansy	Delta™ Premium Violet and White	Syngenta	[1] Great Foliage, [1] Unique Flower, [1] Vigorous Plant, [2] Few Flowers, [2] Low Vigor, [3] Uniform, [3] Unique Flower Color, [3] Vibrant Flower Color, [5] Many Flowers, [5] Non-Uniform	5.33	Non-uniform color pattern.
Pansy	Delta™ Premium White	Syngenta	[1] Low Vigor, [1] Vibrant Flower Color, [1] Vigorous Plant, [2] Non-Uniform, [3] Great Foliage, [3] Unique Flower Color, [5] Uniform, [7] Many Flowers	5.80	Foliage blotchy
Pansy	Delta™ Premium Yellow with Blotch	Syngenta	[1] Great Foliage, [1] Unique Colors, [3] Low Vigor, [3] Uniform, [3] Vibrant Flower Color, [4] Few Flowers, [5] Many Flowers, [5] Non-Uniform	5.27	Small plants
Pansy	Delta™ Premium Yellow with Purple Wing	Syngenta	[1] Unique Colors, [1] Vibrant Flower Color, [2] Low Vigor, [2] Non-Uniform, [2] Unique Flower, [2] Vigorous Plant, [3] Few Flowers, [3] Great Foliage, [3] Many Flowers, [3] Unique Flower Color, [7] Uniform	5.60	Has a lot of variability in flower pattern, Uniform in shape but not really vigorous , Unique but needs improvement on uniformity.
Pansy	Freefall XL Azure Blue	Floranova	[11] Many Flowers, [1] Non-Uniform, [1] Unique Colors, [1] Unique Flower Color, [2] Great Foliage, [2] Unique Flower, [4] Vibrant Flower Color, [6] Vigorous Plant, [8] Uniform	7.47	Vigorous plants with many flowers
Pansy	Freefall XL Bright Yellow	Floranova	[1] Unique Flower, [1] Unique Flower Color, [1] Vigorous Plant, [2] Great Foliage, [3] Low Vigor, [3] Uniform, [3] Vibrant Flower Color, [7] Many Flowers, [7] Non-Uniform	5.07	Needs improvement on uniformity, The flower color is not a full yellow has lots of red in them.
Pansy	Freefall XL Purple Face	Floranova	[11] Many Flowers, [3] Great Foliage, [3] Unique Colors, [3] Unique Flower Color, [6] Vibrant Flower Color, [9] Uniform, [9] Vigorous Plant	7.27	Good plant habit, Needs improvement on uniformity in flower in color , So many flowers kind of lose the foliage.
Pansy	Freefall XL Red Wing	Floranova	[1] Unique Colors, [1] Unique Flower, [2] Great Foliage, [4] Vibrant Flower Color, [5] Unique Flower Color, [7] Uniform, [8] Vigorous Plant, [9] Many Flowers	6.67	Not all the flowers have the red with them. , Some color variation
Pansy	Inspire® Plus Beaconsfield	Benary	[1] Low Vigor, [1] Unique Flower, [2] Many Flowers, [2] Unique Colors, [2] Vigorous Plant, [3] Unique Flower Color, [3] Vibrant Flower Color, [4] Great Foliage, [7] Uniform, [8] Few Flowers	5.80	Nice contrasting petal colors. , I am a fan of Beaconsfield, but this needs improvement on vigor and uniformity
Pansy	Inspire® Plus Blue Blotch	Benary	[13] Many Flowers, [1] Non-Uniform, [1] Unique Flower Color, [2] Great Foliage, [4] Vibrant Flower Color, [6] Uniform, [8] Vigorous Plant	7.20	Nice overall pansy, nice mounding growth habit.

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Pansy	Inspire® Plus Blue Velvet	Benary	[1] Unique Colors, [2] Great Foliage, [4] Unique Flower Color, [4] Vigorous Plant, [5] Vibrant Flower Color, [9] Many Flowers, [9] Uniform	6.67	Beautiful color- blue faded into purple with blotch is pleasing combo , Bloom is nice and big. Good botching too. , Nice mix of flower color
Pansy	Inspire® Plus Exp. Marina Imp.	Benary	[13] Many Flowers, [1] Non-Uniform, [1] Unique Flower, [1] Vibrant Flower Color, [3] Great Foliage, [6] Unique Flower Color, [6] Vigorous Plant, [7] Uniform	6.87	Interesting bloom features., Nice petal variation, The flower is very unique and eye catching due to the center eye/ small blotch and a light blue margin edge on the petal, very floriferous
Pansy	Inspire® Plus Exp. Pink Shades	Benary	[10] Many Flowers, [1] Non-Uniform, [1] Unique Colors, [1] Unique Flower, [1] Vibrant Flower Color, [3] Great Foliage, [7] Vigorous Plant, [8] Uniform, [8] Unique Flower Color	6.60	Bloom color not consistent but some blooms were really vibrant and had excellent color. Others were not vibrant. , Nice color option, Would like to see more of the darker shades, Nice mix of reds and pinks in petals
Pansy	Inspire® Plus Lemon	Benary	[1] Unique Colors, [1] Unique Flower, [2] Great Foliage, [2] Low Vigor, [2] Vibrant Flower Color, [2] Vigorous Plant, [7] Unique Flower Color, [8] Many Flowers, [8] Uniform	6.13	Improvement needed on vigor, Nice primrose yellow flower color, Foliage less deep green., The flower color is slightly different with each plant.
Pansy	Inspire® Plus Lemon Blotch	Benary	[1] Low Vigor, [1] Non-Uniform, [2] Unique Colors, [3] Great Foliage, [3] Unique Flower Color, [3] Vibrant Flower Color, [4] Vigorous Plant, [8] Many Flowers, [9] Uniform	6.00	Nice bloom contrast, The lemon yellow flower color is different on each plant.
Pansy	Inspire® Plus Metallic Blue Blotch	Benary	[11] Many Flowers, [1] Unique Flower, [1] Vibrant Flower Color, [2] Low Vigor, [2] Non-Uniform, [2] Unique Colors, [3] Vigorous Plant, [6] Unique Flower Color, [7] Uniform	6.20	Liked how the color in the flower faded out. From the center to the outer edges of flower. , Very nice light blue color.
Pansy	Inspire® Plus Orange	Benary	[11] Many Flowers, [1] Unique Flower, [3] Great Foliage, [3] Vibrant Flower Color, [5] Unique Flower Color, [5] Vigorous Plant, [7] Uniform	6.60	Good flower color and vigorous uniform plants
Pansy	Inspire® Plus Orange Blotch	Benary	[10] Uniform, [4] Vibrant Flower Color, [5] Great Foliage, [6] Unique Flower Color, [7] Many Flowers, [8] Vigorous Plant	6.40	Blotch is interesting w orange color.
Pansy	Inspire® Plus Purple	Benary	[2] Great Foliage, [2] Vigorous Plant, [4] Uniform, [4] Vibrant Flower Color, [6] Many Flowers, [6] Non-Uniform	5.87	Color varies , Possible frost damage on some petals, Varied flowers
Pansy	Inspire® Plus Red Blotch	Benary	[1] Non-Uniform, [3] Few Flowers, [3] Unique Flower Color, [5] Great Foliage, [6] Many Flowers, [6] Uniform, [6] Vibrant Flower Color, [8] Vigorous Plant	6.20	Good plant habit, Flower color is multifaceted especially in the sunlight
Pansy	Inspire® Plus True Blue	Benary	[1] Color Does Not Match Name, [1] Great Foliage, [1] Low Vigor, [1] Unique Colors, [1] Unique Flower Color, [2] Non-Uniform, [2] Unique Flower, [3] Vibrant Flower Color, [3] Vigorous Plant, [8] Many Flowers, [8] Uniform	6.27	Large blooms!, Size of blossom is nice and large. I like the slight ruffle in the petals, Very large flowers
Pansy	Inspire® Plus Violet Face	Benary	[1] Unique Colors, [1] Unique Flower, [3] Unique Flower Color, [4] Great Foliage, [5] Vibrant Flower Color, [8] Many Flowers, [9] Uniform, [9] Vigorous Plant	6.87	Great face pattern, Nice vigor

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Pansy	Inspire® Plus White	Benary	[2] Many Flowers, [3] Great Foliage, [5] Uniform, [8] Few Flowers, [8] Low Vigor	4.40	Lower vigor than comparisons.
Pansy	Inspire® Plus White Blotch	Benary	[1] Vibrant Flower Color, [2] Great Foliage, [4] Unique Flower Color, [4] Vigorous Plant, [5] Non-Uniform, [5] Uniform, [7] Many Flowers	5.00	Flower color varies a lot, Some blooms blue, some white, Some flowers didn't quite turn white.
Pansy	Inspire® Plus Yellow	Benary	[2] Great Foliage, [5] Non-Uniform, [5] Uniform, [6] Vibrant Flower Color, [6] Vigorous Plant, [7] Many Flowers	6.20	Many flowers, good color.
Pansy	Inspire® Plus Yellow Blotch Imp.	Benary	[1] Non-Uniform, [1] Unique Colors, [2] Great Foliage, [2] Unique Flower, [2] Unique Flower Color, [2] Vigorous Plant, [3] Low Vigor, [4] Vibrant Flower Color, [5] Many Flowers, [6] Uniform	5.60	Huge dark blotch pattern.
Pansy	Inspire® Plus Yellow Purple	Benary	[1] Non-Uniform, [1] Unique Colors, [1] Unique Flower, [3] Great Foliage, [3] Vibrant Flower Color, [4] Unique Flower Color, [4] Vigorous Plant, [5] Many Flowers, [9] Uniform	6.13	Relatively large flowers.
Pansy	Spring Matrix™ Blue Blotch	PanAmerican Seed Co.	[1] Unique Colors, [2] Few Flowers, [2] Great Foliage, [2] Non-Uniform, [2] Vibrant Flower Color, [3] Vigorous Plant, [5] Uniform, [6] Many Flowers	6.00	Nice large sized blossoms
Pansy	Spring Matrix™ Red Blotch	PanAmerican Seed Co.	[1] Non-Uniform, [1] Unique Flower, [2] Unique Flower Color, [3] Few Flowers, [3] Great Foliage, [3] Many Flowers, [6] Vigorous Plant, [7] Uniform	5.87	Lots of the flowers died, very few are new flowers.
Pansy	Spring Matrix™ Yellow Imp.	PanAmerican Seed Co.	[10] Many Flowers, [1] Non-Uniform, [1] Unique Flower Color, [3] Great Foliage, [5] Vibrant Flower Color, [6] Uniform, [8] Vigorous Plant	7.27	Blossoms cover the plant, good clear color, I do think this yellow color stands out from the other yellow varieties, Large showy flowers
Viola	Admire® Blue	Benary	[1] Great Foliage, [1] Unique Flower, [1] Unique Flower Color, [3] Uniform, [3] Vibrant Flower Color, [4] Low Vigor, [4] Non-Uniform, [8] Many Flowers	5.47	Not much foliage showing through the many flowers
Viola	Admire® Deep Blue	Benary	[10] Many Flowers, [2] Non-Uniform, [3] Great Foliage, [4] Vigorous Plant, [6] Uniform, [6] Vibrant Flower Color	6.47	Good ratio of flowers to foliage., Nice texture effect of blossoms held above plant
Viola	Admire® Denim	Benary	[10] Many Flowers, [3] Great Foliage, [3] Non-Uniform, [5] Vibrant Flower Color, [6] Vigorous Plant, [7] Uniform	6.53	Great plant habit, Nice mounding habit
Viola	Admire® Exp. Deep Purple	Benary	[11] Uniform, [12] Many Flowers, [2] Unique Colors, [3] Great Foliage, [4] Unique Flower, [5] Vibrant Flower Color, [6] Unique Flower Color, [6] Vigorous Plant	7.60	This color is awesome! The lighter colored center eye is glowing!!!! The lighter blue halo around the tiny yellow eye creates a stunning effect, Very unique color!
Viola	Admire® Exp. Lavender Pink	Benary	[1] Few Flowers, [1] Non-Uniform, [1] Vibrant Flower Color, [2] Great Foliage, [3] Unique Flower Color, [4] Vigorous Plant, [7] Uniform, [8] Many Flowers	5.73	Flower not showy enough, I like the idea of this smaller petite blossom. I wish the blossoms were not sort of cupped... they look kind of like they are heat stressed because of the curled edges.



## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Viola	Admire® Exp. Lemon Purple Wing	Benary	[10] Many Flowers, [1] Color Does Not Match Name, [2] Unique Flower, [3] Great Foliage, [3] Unique Flower Color, [6] Vibrant Flower Color, [9] Uniform, [9] Vigorous Plant	7.93	This one is really unique and fun. The colors are vibrant and contrasts well.
Viola	Admire® Exp. Neon Purple Wing	Benary	[1] Low Vigor, [1] Non-Uniform, [1] Unique Colors, [3] Great Foliage, [3] Unique Flower Color, [6] Vibrant Flower Color, [6] Vigorous Plant, [8] Uniform, [9] Many Flowers	7.36	Great colors!, Needs improvement on uniformity
Viola	Admire® Exp. Purple Blue	Benary	[1] Great Foliage, [2] Non-Uniform, [2] Unique Flower, [3] Vibrant Flower Color, [4] Vigorous Plant, [6] Uniform, [9] Many Flowers	6.27	Many flowers on uniform plants
Viola	Admire® Marina	Benary	[11] Uniform, [12] Many Flowers, [1] Unique Colors, [2] Great Foliage, [2] Unique Flower, [6] Unique Flower Color, [8] Vibrant Flower Color, [8] Vigorous Plant	7.93	Stunning! Very unique flower, Very nice vigorous plants.
Viola	Admire® Orange Purple Wing	Benary	[1] Few Flowers, [1] Unique Flower, [2] Great Foliage, [2] Unique Colors, [5] Vibrant Flower Color, [6] Unique Flower Color, [8] Many Flowers, [8] Vigorous Plant, [9] Uniform	7.57	Great flower colors pattern, Interesting combo of colors...reminds one of Halloween.
Viola	Admire® Pink Imp.	Benary	[10] Uniform, [11] Many Flowers, [1] Non-Uniform, [1] Unique Colors, [1] Unique Flower, [3] Color Does Not Match Name, [3] Great Foliage, [3] Vibrant Flower Color, [4] Unique Flower Color, [6] Vigorous Plant	6.47	More lilac flower color, great flower coverage, Nice color, unique
Viola	Admire® Pink Surprise	Benary	[11] Uniform, [12] Many Flowers, [1] Unique Colors, [1] Vibrant Flower Color, [2] Color Does Not Match Name, [4] Great Foliage, [4] Unique Flower Color, [9] Vigorous Plant	6.73	Not a true pink flower color.
Viola	Admire® Purple White Face	Benary	[1] Unique Colors, [1] Unique Flower Color, [2] Color Does Not Match Name, [2] Great Foliage, [2] Vibrant Flower Color, [6] Vigorous Plant, [8] Many Flowers, [8] Uniform	6.64	Not sure about the name on this one. Not much of a white face.
Viola	Admire® Red Blotch	Benary	[1] Unique Colors, [1] Vigorous Plant, [2] Few Flowers, [2] Great Foliage, [2] Unique Flower, [2] Vibrant Flower Color, [3] Many Flowers, [3] Unique Flower Color, [4] Non-Uniform, [4] Uniform, [6] Low Vigor	5.80	Color is fantastic, needs improvements on vigor, Plant not very vigorous.
Viola	Admire® Ruby Gold	Benary	[3] Great Foliage, [3] Unique Colors, [3] Unique Flower, [4] Unique Flower Color, [5] Vibrant Flower Color, [9] Many Flowers, [9] Uniform, [9] Vigorous Plant	7.79	Love the flower color and the blossoms are held high above the plant giving it a nice airy texture, Wow, this one is really neat, unique.
Viola	Admire® White	Benary	[1] Few Flowers, [2] Vibrant Flower Color, [3] Great Foliage, [5] Vigorous Plant, [7] Many Flowers, [9] Uniform	5.87	Flowers not as weather resistant
Viola	Admire® White Purple Wing	Benary	[1] Few Flowers, [1] Non-Uniform, [1] Unique Flower, [3] Great Foliage, [3] Low Vigor, [3] Unique Flower Color, [5] Vigorous Plant, [7] Vibrant Flower Color, [8] Many Flowers, [8] Uniform	6.93	Clear colors, strong plant, Nice compact habit

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Viola	Admire® Yellow Blotch	Benary	[1] Non-Uniform, [3] Great Foliage, [3] Vibrant Flower Color, [4] Few Flowers, [4] Many Flowers, [6] Uniform, [6] Vigorous Plant	6.14	Flowers point downward
Viola	Admire® Yellow Imp.	Benary	[3] Great Foliage, [7] Vibrant Flower Color, [8] Many Flowers, [8] Uniform, [8] Vigorous Plant	7.00	Vigorous plants with many flowers.
Viola	Admire® Yellow Purple Wing	Benary	[1] Few Flowers, [1] Non-Uniform, [1] Unique Colors, [1] Unique Flower, [2] Unique Flower Color, [3] Great Foliage, [6] Vibrant Flower Color, [7] Vigorous Plant, [8] Many Flowers, [8] Uniform	7.36	Many flowers on very uniform plants
Viola	Bel Viso Marina	Floranova	[11] Many Flowers, [11] Uniform, [1] Unique Colors, [1] Unique Flower, [4] Great Foliage, [5] Vibrant Flower Color, [7] Unique Flower Color, [7] Vigorous Plant	7.40	For a lighter color, the bloom is very pretty, Growth habit is excellent. All around high performing plant
Viola	Bel Viso Pineapple Crush	Floranova	[1] Vibrant Flower Color, [1] Vigorous Plant, [2] Few Flowers, [3] Great Foliage, [3] Many Flowers, [3] Uniform, [4] Non-Uniform, [4] Unique Colors, [5] Low Vigor, [9] Unique Flower Color	5.50	Interesting color but plants not very vigorous., Promising- keep improving on uniformity of unique flower color, unique color!
Viola	Bel Viso Yellow Blotch	Floranova	[1] Low Vigor, [1] Non-Uniform, [1] Unique Colors, [2] Great Foliage, [3] Vibrant Flower Color, [4] Vigorous Plant, [6] Many Flowers, [8] Uniform	6.50	Very uniform plants.
Viola	Bel Viso Yellow Imp.	Floranova	[10] Many Flowers, [10] Uniform, [11] Vigorous Plant, [2] Great Foliage, [8] Vibrant Flower Color	7.47	Excellent! Very nice growth habit and very healthy.
Viola	Endurio® Blue Yellow	Syngenta	[1] Unique Flower, [1] Unique Flower Color, [3] Great Foliage, [4] Vibrant Flower Color, [7] Uniform, [9] Many Flowers, [9] Vigorous Plant	7.86	Nice spreading growth habit. Needs improvement on uniformity , Not a lot of yellow in the flowers. , Stunning!
Viola	Endurio® Red Flare	Syngenta	[1] Unique Colors, [3] Great Foliage, [3] Vibrant Flower Color, [4] Unique Flower Color, [8] Uniform, [8] Vigorous Plant, [9] Many Flowers	6.73	Flower color not strong, Very different flower color.
Viola	Endurio® Sky Blue	Syngenta	[10] Many Flowers, [10] Uniform, [1] Color Does Not Match Name, [2] Great Foliage, [2] Unique Colors, [3] Unique Flower Color, [4] Vibrant Flower Color, [9] Vigorous Plant	7.27	Needs a little improvement on uniformity , Some flowers all white.
Viola	Endurio® White Imp.	Syngenta	[1] Few Flowers, [1] Unique Flower, [1] Vibrant Flower Color, [2] Great Foliage, [7] Many Flowers, [7] Uniform, [7] Vigorous Plant	6.53	Flowers not as weather resistant.
Viola	Endurio® Yellow Imp.	Syngenta	[10] Uniform, [1] Unique Flower Color, [2] Great Foliage, [6] Vibrant Flower Color, [8] Vigorous Plant, [9] Many Flowers	7.27	I like how this one has more of a spreading growth habit, Nice bright yellow.
Viola	Penny Blue	Syngenta	[1] Great Foliage, [1] Unique Flower, [1] Vigorous Plant, [2] Vibrant Flower Color, [3] Low Vigor, [4] Non-Uniform, [7] Uniform, [9] Many Flowers	6.20	Many flowers on uniform plants.
Viola	Penny Clear Yellow	Syngenta	[3] Great Foliage, [7] Vigorous Plant, [8] Vibrant Flower Color, [9] Many Flowers, [9] Uniform	7.71	Flowers cover the plant, very showy, Large flower size

## Overall Rating by Evaluators and Evaluator Comments

Genus	Cultivar	Company Name	Plant Description*	Rating **	Evaluators' Comments on 4/25/2018
Viola	Penny Deep Blue Imp.	Syngenta	[10] Uniform, [1] Unique Colors, [1] Unique Flower Color, [2] Great Foliage, [5] Vigorous Plant, [6] Vibrant Flower Color, [9] Many Flowers	7.00	Many vibrant flowers.
Viola	Penny Exp. Violet	Syngenta	[1] Non-Uniform, [1] Unique Colors, [1] Unique Flower, [1] Unique Flower Color, [2] Vibrant Flower Color, [3] Great Foliage, [5] Vigorous Plant, [7] Many Flowers, [7] Uniform	6.71	Like the frilly look to these blooms.
Viola	Penny Exp. Yellow Jump Up Imp.	Syngenta	[1] Few Flowers, [1] Unique Colors, [2] Low Vigor, [2] Non-Uniform, [2] Vigorous Plant, [3] Great Foliage, [4] Vibrant Flower Color, [5] Many Flowers, [5] Uniform	6.50	Not as vigorous as some of comparisons.
Viola	Penny Orange	Syngenta	[1] Few Flowers, [1] Unique Flower, [2] Unique Flower Color, [2] Vigorous Plant, [3] Great Foliage, [3] Low Vigor, [3] Vibrant Flower Color, [5] Many Flowers, [6] Uniform	5.80	Smaller blooms
Viola	Penny White	Syngenta	[1] Few Flowers, [1] Low Vigor, [1] Unique Flower, [3] Great Foliage, [4] Vigorous Plant, [6] Many Flowers, [8] Uniform	6.00	Very uniform growth habit.
Viola	Penny White Jump Up Imp.	Syngenta	[10] Many Flowers, [1] Low Vigor, [1] Unique Colors, [3] Great Foliage, [4] Unique Flower Color, [5] Vibrant Flower Color, [6] Vigorous Plant, [9] Uniform	8.00	White not a pure white, a bit yellow
Viola	Sorbet® Honeybee	PanAmerican Seed Co.	[10] Many Flowers, [1] Non-Uniform, [2] Unique Flower, [3] Unique Colors, [3] Vibrant Flower Color, [4] Great Foliage, [6] Unique Flower Color, [8] Vigorous Plant, [9] Uniform	6.86	Flower color faded out on wings.
Viola	Sorbet® XP Blue Blotch Imp.	PanAmerican Seed Co.	[11] Many Flowers, [1] Non-Uniform, [2] Unique Flower Color, [4] Great Foliage, [6] Vibrant Flower Color, [8] Uniform, [9] Vigorous Plant	7.80	Excellent , good flower coverage, Nice growth habit, mounds nicely., The flower color does not have a noticeable blotch to it.
Viola	Sorbet® XP Deep Orange	PanAmerican Seed Co.	[1] Vigorous Plant, [2] Unique Flower Color, [3] Great Foliage, [3] Low Vigor, [3] Uniform, [4] Non-Uniform, [5] Vibrant Flower Color, [6] Many Flowers	6.07	The flower color is nice and unique but plants are not uniform.
Viola	Sorbet® XP True Blue	PanAmerican Seed Co.	[1] Great Foliage, [1] Low Vigor, [1] Unique Flower, [1] Unique Flower Color, [3] Vigorous Plant, [4] Non-Uniform, [4] Vibrant Flower Color, [6] Uniform, [9] Many Flowers	6.40	Many flowers on uniform plants.
Viola	Sorbet® XP Yellow Blotch Imp.	PanAmerican Seed Co.	[10] Many Flowers, [11] Uniform, [1] Unique Flower, [2] Unique Flower Color, [3] Great Foliage, [7] Vibrant Flower Color, [9] Vigorous Plant	8.21	Great flower coverage, Flowers cover the plant, The blotch on these is very consistent.
Viola	Sorbet® Yellow Violet Jump Up	PanAmerican Seed Co.	[10] Many Flowers, [1] Non-Uniform, [2] Unique Colors, [2] Unique Flower, [3] Great Foliage, [3] Unique Flower Color, [6] Vibrant Flower Color, [7] Uniform, [9] Vigorous Plant	7.33	Very vigorous plants with many flowers.