

# 2006 Cultivar Trials of Bedding Plants

Barbara A. Laschekwitsch, M.S.  
Trial Garden Coordinator

Ronald C. Smith, Ph.D.  
Extension Horticulturist – Department of Plant Sciences

## Introduction

The Plant Sciences Department at NDSU conducted performance trials on over 300 annual bedding plants during the 2006 growing season. The main research garden is located in Fargo, on the corner of 18<sup>th</sup> street and 12<sup>th</sup> avenue north. Two other sites are located at the Research Extension Centers in Dickinson and Williston, ND. Official entries (usually 150-200) are grown at all three sites while an additional 150-200 cultivars are also grown at the Fargo site.

The Horticulture Demonstration and Research plots in Fargo are for educational, research and display purposes. The gardens are in the process of being relocated and while the annuals, iris and daylily beds are finished, the perennial area and the shade area are still under construction. Additional gardens being planned include a rose garden, an Indian garden, an area for vegetables and a sensory garden. The bedding plant trial is an official display garden of All-America Selections. The daylily garden is an official display garden of the American Hemerocallis Society and houses more than 1100 cultivars of daylilies, most of which are considered historical, or pre-1970, cultivars.

The beds are open to the public throughout the growing season and guided tours are available upon request.

## Culture

The majority of the plants for the bedding plant trials are seeded in the horticulture and forestry greenhouse on the NDSU campus from January through April. When at the proper stage, seedlings are transplanted into cell packs containing a peat-based growing

medium. Exceptions to this are entries from Fischer USA, Inc. which were received as rooted cuttings in March and finished in the greenhouses.

The Dickinson and Williston sites had six plants of each official cultivar tested while Fargo had twelve of each official cultivar, 12 plants of mixed cultivars, and 6 of the unofficial cultivars planted. Dickinson was planted on May 22<sup>nd</sup> and 23<sup>rd</sup>, Williston on May 23<sup>rd</sup> and 25<sup>th</sup>, while Fargo was planted June 1<sup>st</sup> through June 6<sup>th</sup>.

In Dickinson and Williston plants were watered in with Sterns Miracle-Gro® (15-30-15)<sup>1</sup> while Preen® Garden Weed Preventer Plus Fertilizer (9-17-9) was put down at the Fargo site.

The Dickinson site has overhead irrigation set up on a timer, while Williston and Fargo have drip irrigation applied as needed.

Weeding was done by hand in Dickinson and Williston while Razor® and Preen® were used in Fargo along with hand-weeding.

No insecticides were used at any of the locations.

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<sup>1</sup> Disclaimer-Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by NDSU or the North Dakota Agriculture Experiment Station is implied.

## Site Information

### Fargo

The main trial garden is located in Fargo at the corner of 18<sup>th</sup> street and 12<sup>th</sup> avenue north on the west side of campus. This was the second year the annuals were planted in the new beds. Many of the annual beds are now raised with a loam-compost mix of soil. Drip irrigation using t-tape was built into the beds and worked very well, especially during June when precipitation was 2+ inches below normal.

The beds are in full sunlight and the shade area is not yet completed so we continued to use shade cloth for begonias, impatiens, coleus, pansies and other shade plants.

The biggest disease problem this year was powdery mildew which infected the pansies and zinnias late in the summer. There were also a few insect pests on cleome and hollyhock but no control was needed.

As seen in table 1, precipitation was below normal for Fargo while the temperature was a bit above normal. This combination explains the high incidence of powdery mildew in the zinnia. Table 1 shows weather data for Fargo.

Table 1. 2006 and 1971-2000 June-August Average Temperature and Precipitation for Fargo, ND.<sup>2</sup>

	Average Temperature (°F)		Precipitation (inches)	
	2006	1971-2000	2006	Avg. 1971-2000
June	68	66	0.99	3.5
July	75	70.6	2.03	2.88
August	70	69	2.45	2.52

### Dickinson

The Dickinson Trial garden is located at the Research Extension Center on the west side of State Street. The soil here is lighter and

sandier than in Fargo and the weather tends to be drier and warmer. Shade plants are grown in raised beds under natural shade provided by trees.

The 'Fresh Look' series of celosia did very well in Dickinson this year as did the sweet potato vines, fountain grass and verbena. There was a bit of an over-watering problem which adversely affected the vinca and some of the petunias, especially toward the end of the summer.

Weather in Dickinson was warm and dry in 2006. Precipitation all summer was well below average while temperatures were slightly above average. Table 2 shows weather data for Dickinson.

Table 2. 2006 and 1971-2000 May-August Average Temperature and Precipitation for Dickinson, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2006	1971-2000	2006	Avg. 1971-2000
May	56	53.4	1.90	2.24
June	66	62.4	0.79	3.57
July	75	68.1	0.88	2.20
August	71	67.3	0.91	1.65

### Williston

The Williston Trial garden is located at the Research Extension Center on Highway 2 west of Williston. The soil here is also fairly light but heavier than in Dickinson. Drip irrigation is used for supplemental watering and shade plants are grown under the natural shade of pine trees.

As usual, geraniums did very well here, as did the petunias and verbena. The shade plants are under pine trees and even though they are irrigated, there is a bit of competition which affects the impatiens, New Guinea impatiens, begonias, coleus and pansies. They never seem to perform as well here as in Fargo or Dickinson.

As with the rest of the state, precipitation was below normal for May-August while temperatures were slightly higher than average. Table 3 shows weather data for Williston.

<sup>2</sup> Temperature and precipitation data are from NDAWN and the National Climatic Data Center.

Table 3. 2006 and 1971-2000 May-August Average Temperature and Precipitation for Williston, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2006	1971-2000	2006	Avg. 1971-2000
May	57	57.1	1.37	2.09
June	65	65.7	1.59	2.72
July	75	71.1	0.43	2.45
August	71	70.2	1.19	1.63

### All-America Selections

The NDSU trial garden is an official display garden of All-America Selections (AAS). AAS was founded in 1932 as a way for home gardeners to learn about new and improved varieties of flowers and vegetables. The red, white and blue AAS logo found on seed packets, in catalogs, and in garden articles usually indicates superior cultivars that have been tested in a variety of locations across the United States and Canada. The following are AAS winners grown at all three locations in 2007.

#### 2002 Winners:

*Cleome* ‘Sparkler Blush’  
*Geranium* ‘Black Velvet Rose’  
*Ornamental Pepper* ‘Chilly Chili’  
*Pansy* ‘Ultimo Morpho’  
*Petunia* ‘Lavender Wave’  
*Petunia* ‘Tidal Wave Silver’  
*Rudbeckia* ‘Cherokee Sunset’  
*Vinca* ‘Jaio Scarlet Eye’

#### 2003 Winners:

*Agastache* ‘Golden Jubilee’  
*Carnation* ‘Can Can Scarlet’  
*Dianthus* ‘Corona Cherry Magic’  
*Eustoma* ‘Forever White’  
*Gaillardia* ‘Sundance Bicolor’  
*Ornamental Millet* ‘Purple Majesty’  
*Petunia* ‘Blue Wave’  
*Petunia* ‘Merlin Blue Morn’

*Rudbeckia* ‘Prairie Sun’  
*Vinca* ‘Jaio Dark Red’

#### 2004 Winners:

*Celosia* ‘Fresh Look Red’  
*Celosia* ‘Fresh Look Yellow’  
*Gypsophila* ‘Gypsy Deep Rose’  
*Hollyhock* ‘Queeny Purple’  
*Petunia* ‘Limbo Violet’

#### 2005 Winners:

*Gaillardia aristata* ‘Arizona Sun’  
*Vinca* ‘First Kiss Blueberry’  
*Zinnia* ‘Magellan Coral’

#### 2006 Winners:

*Dianthus* ‘Supra Purple’  
*Diascia* ‘Diamonte Coral Rose’  
*Nicotiana* ‘Perfume Deep Purple’  
*Ornamental Pepper* ‘Black Pearl’  
*Salvia farinacea* ‘Evolution’  
*Zinnia* ‘Zowie! Yellow Flame’

#### 2007 Winners:

*Celosia* ‘Fresh Look Gold’  
*Petunia* ‘Opera Supreme Pink Morn’  
*Vinca* ‘Pacifica Burgundy Halo’

### Evaluations

Plants were evaluated twice over the growing season for height, spread, vigor, uniformity of size and bloom, and overall appearance. In Fargo, the first evaluation was July 27<sup>th</sup> while the second was September 6<sup>th</sup>. The Dickinson evaluations were July 13 and September 14<sup>th</sup> and 15<sup>th</sup>. Williston plants were evaluated July 14<sup>th</sup> and September 14<sup>th</sup>.

If plants had good bloom but were lacking in size uniformity, there is an \* preceding the height and spread measurement on the evaluation table for that site (pages 15-40). If the cultivar had good bloom,

vigor and uniformity of size and bloom, there is \*\* preceding each height and spread measurement; and if a cultivar was an outstanding performer, there is \*\*\* preceding each height and spread measurement.

Top performers ( \*, \*\*, or \*\*\* for **either** evaluation time) and star performers ( \*, \*\*, or \*\*\* for **both** evaluation times) for each location are on pages 6-14 of the report. The following cultivars got top ratings at each location for each evaluation time:

Geranium 'Black Velvet Rose'  
Geranium 'Crystal Palace Gem'  
Geranium 'Himalaya Fire'  
Geranium 'Rocky Mountain Scarlet'  
*Ipomoea*-Sweet Potato Vine 'Blackie'  
*Ipomoea*-Sweet Potato Vine 'Marguerite'  
*Pennisetum*-Fountain Grass  
*Petunia* 'Jamboree Light Blue'  
*Petunia* 'Jamboree White II'  
*Petunia* 'Lavender Wave'  
*Petunia* 'Tidal Wave Silver'  
*Petunia* 'Whispers Red'  
*Salvia* 'Red Hot Sally II'  
*Verbena* 'Lanai Lavender Star'

## Field Days

Field Days in Dickinson and Williston were held July 13<sup>th</sup> and July 14<sup>th</sup>, respectively, in conjunction with field days at the research extension centers. Field days in Fargo have been put on hold until more of the new beds are done. Hopefully, we will be able to continue with Fargo field days starting in 2007.

## Acknowledgements

Thanks go to supporters of the 2006 gardens: All-America Selections; Ball Seed Company; Ernst Benary of America, Inc.; Fischer, USA, Inc.; Grimes Seeds and Plants; and PanAmerican Seed. The support of these companies is greatly appreciated and we

hope results from our efforts are beneficial in their research for new and improved cultivars.

Thanks also to Kris Ringwall and the staff at the Dickinson Research Extension Center, including retired county agent Jerry Larson; and Jerry Bergman, Lorna Bradbury and the staff at the Williston Research Extension Center. The bedding plant trial evaluation program would not be possible without the help of these talented and dedicated people.

## Contacts

For more information about the bedding plant trials at North Dakota State University, please contact:

Barb Laschkewitsch  
166 Loftsgard Hall  
North Dakota State University  
Fargo, ND 58105.

Phone: 701-231-7484

E-mail: [barbara.laschkewitsch@ndsu.edu](mailto:barbara.laschkewitsch@ndsu.edu)

## Fargo Top Performers-2006

July 27

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-40). Plants are listed in alphabetical order by scientific name.

<i>Achillea ptarmica</i> 'Gypsy White'	<i>Impatiens walleriana</i> 'Sundae Cherry'	<i>Petunia hybrida</i> (Spreading) 'Avalanche Grape'
<i>Ageratum houstonianum</i> 'Neptune Blue'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Petunia hybrida</i> (Spreading) 'Avalanche Lavender'
<i>Begonia x hybrida</i> 'BabyWing White'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Petunia hybrida</i> (Spreading) 'Avalanche White'
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	<i>Ipomoea x multifida</i> (Cardinal Climber)	<i>Petunia hybrida</i> (Multiflora) 'Dolce Fragolino'
<i>Begonia semperflorens</i> 'Nightlife Mix'	<i>Ipomoea nil</i> 'Heavenly Blue'	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Lablab purpureus</i> (Purple Hyacinth Bean)	<i>Petunia hybrida</i> (Milliflora) 'Fantasy Ivory'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Limonium sinuatum</i> (Statice) 'Soiree Mix'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	<i>Limonium sinuatum</i> (Statice) 'Supreme Extra Pastel Mix'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Lobelia erinus</i> 'Techno Blue'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'
<i>Dianthus F1</i> 'Supra Purple'	<i>Lobelia erinus</i> 'Techno White'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'
<i>Dianthus barbatus</i> 'Amazon Neon'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'	<i>Petunia hybrida</i> (Floribunda) 'Madness Lavender Glow'
<i>Diascia barberae</i> 'Darla Light Pink'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'	<i>Petunia hybrida</i> (Floribunda) 'Madness Salmon Morn'
<i>Eustoma grandiflorum</i> (Lisianthus) 'Forever Blue'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'
<i>Gaillardia pulchella</i> 'Sundance Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Appleblossom'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'
<i>Gazania rigens</i> 'Talent Red Shades'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Gomphrena globosa</i> 'Purple Gomp'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Salmon'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'
<i>Gomphrena haageana</i> 'Strawberry Fields'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Scarlet'	<i>Plectranthus argentatus</i> 'Silver Shield'
<i>Helichrysum bracteatum</i> 'Bright Bikini Mix'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Autumn Colors'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Bright Pink'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse White Splash'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Light Pink '06'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Indian Summer'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple '06'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Lavender'	<i>Salvia farinacea</i> 'Evolution'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Hot Pink'	<i>Salvia splendens</i> 'Hotlime Mixed'
<i>Impatiens hawkerii</i> (New Guinea) 'Super Sonic Pastel Pink '04'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Salmon'	<i>Salvia splendens</i> 'Red Hot Sally II'
<i>Impatiens hawkerii</i> (New Guinea) 'Super Sonic Salmon Ice '06'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Scarlet Eye'	<i>Scabiosa japonica</i> var. <i>alpina</i> 'Ritz Blue'
<i>Impatiens walleriana</i> 'Accent Mixture'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	<i>Spilanthes oleracea</i> 'Peek-a-boo'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange'	<i>Pennisetum glaucum</i> 'Jester'	<i>Tagetes erecta</i> (Marigold) 'Inca II Hybrid Mix'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Red II'	<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Tagetes erecta</i> (Marigold) 'Perfection Mix'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'	<i>Penstemon hartwegii</i> 'Phoenix Pink'	<i>Tagetes erecta</i> (Marigold) 'Whopper Yellow'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Watermelon'	<i>Penstemon hartwegii</i> 'Phoenix Violet'	<i>Tagetes patula</i> (French Marigold) 'Yellow Boy'

## Fargo Top Performers-2006

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp.15-40). Plants are listed in alphabetical order by scientific name.

July 27 (cont.)

*Thunbergia alata*- Black-eyed Susan Vine

*Thunbergia alata* 'Blushing Susie'

*Thunbergia alata* 'Sunrise Surprise'

*Thunbergia alata* 'White-eyed Susie'

*Tithonia rotundifolia* 'Fiesta del Sol'

*Verbena bonariensis*

*Verbena x hybrida* 'Garden Leader Lavender Blue'

*Verbena x hybrida* 'Lanai Blue'

*Verbena x hybrida* 'Lanai Cherry Red'

*Verbena x hybrida* 'Lanai Lavender Star'

*Verbena x hybrida* 'Lanai Peach'

*Verbena x hybrida* 'Lanai Red '07'

*Verbena x hybrida* 'Lanai Upright Magenta'

*Viola F1* 'Skippy XL Red-Gold'

*Viola wittrockiana* (Pansy) 'Frosty Rain'

*Zinnia elegans* 'Dahlia Flowered Mix'

*Zinnia elegans* 'Magellan Coral'

*Zinnia elegans* 'Magellan Mix'

*Zinnia elegans* 'Park's Picks Mix'

*Zinnia elegans* 'Zowie! Yellow Flame'

## Fargo Top Performers-2006

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-40). Plants are listed in alphabetical order by scientific name.

September 6

<i>Agastache cana</i> 'Purple Pigmy'	<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'
<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'
<i>Agastache rupestris</i>	<i>Diascia barberae</i> 'Daria Light Pink'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Pastel Carpet'
<i>Ageratum houstonianum</i> 'High Tide Blue'	<i>Dichondra argentea</i> 'Silver Falls'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'
<i>Ageratum houstonianum</i> 'Neptune Blue'	<i>Gaillardia aristata</i> 'Arizona Sun'	<i>Melampodium paludosum</i> 'Million Gold'
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'
<i>Amaranthus caudatus</i> 'Green'	<i>Gaillardia pulchella</i> 'Sundance Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Appleblossom'
<i>Amaranthus caudatus</i> 'Red'	<i>Gazania rigens</i> 'Talent Red Shades'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Angelonia angustifolia</i> 'Serena Lavender'	<i>Gomphrena globosa</i> 'Purple Gomp'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Salmon'
<i>Angelonia angustifolia</i> 'Serena Pink'	<i>Gomphrena haagena</i> 'Strawberry Fields'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'
<i>Angelonia angustifolia</i> 'Serena Purple'	<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Bright Pink'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'
<i>Angelonia angustifolia</i> 'Serena White'	<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Light Pink '06'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'
<i>Asarina scandens</i> (Twining Snapdragon) 'Color Mix'	<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Magic Pink'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'
<i>Begonia x hybrida</i> 'Baby Wing White'	<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple '06'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Coral'
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Light Salmon'
<i>Begonia semperflorens</i> 'Nightlife Mix'	<i>Impatiens walleriana</i> 'Accent Mixture'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Pink'
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Impatiens walleriana</i> 'Cranberry Punch Mix'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Salmon'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Scarlet'
<i>Browallia speciosa major</i> 'Garden Leader Wine'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Red II'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Violet'
<i>Canna x generalis</i> 'Australia'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Light Salmon'
<i>Canna x generalis</i> 'Bengal Tiger'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Watermelon'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Scarlet Eye'
<i>Canna x generalis</i> 'Tropical Sunrise'	<i>Impatiens walleriana</i> 'Sundae Cherry'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Cherry'
<i>Catharanthus roseus</i> (Vinca) 'Garden Leader Sunsplash Red'	<i>Impatiens walleriana</i> 'Sunny Lady Mix'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Coral'
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	<i>Impatiens walleriana</i> 'Tempo Crystal Hybrid Mix'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Hot Pink'
<i>Catharanthus roseus</i> (Vinca) 'Jaio Scarlet Eye'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Orchid'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Salmon'
<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Ipomoea nil</i> 'Heavenly Blue'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Scarlet Eye'
<i>Celosia plumosa</i> 'Fresh Look Orange'	<i>Ipomoea purpurea</i> 'Star Of Yelta'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'
<i>Cleome hasslerana</i> (Spider Flower) 'Queen Mix'	<i>Lablab purpureus</i> (Purple Hyacinth Bean)	<i>Pennisetum setaceum</i> (Fountain Grass)
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Lavender'	<i>Limonium sinuatum</i> (Statice) 'Soiree Mix'	<i>Pentas lanceolata</i> 'Kaleidoscope Appleblossom'
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler White'	<i>Limonium sinuatum</i> (Statice) 'Supreme Extra Pastel Mix'	<i>Pentas lanceolata</i> 'Kaleidoscope Carmine'

## Fargo Top Performers-2006

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-40). Plants are listed in alphabetical order by scientific name.

September 6 (cont.)

<i>Pentstemon lanceolata</i> 'Kaleidoscope Deep Red'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'	<i>Tithonia rotundifolia</i> 'Fiesta del Sol'
<i>Pentstemon hartwegii</i> 'Phoenix Pink'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Pink'	<i>Verbena bonariensis</i>
<i>Pentstemon hartwegii</i> 'Phoenix Violet'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	<i>Verbena x hybrida</i> 'Lanai Blue'
<i>Petunia hybrida</i> (Spreading) 'Avalanche Cherry'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Petunia hybrida</i> (Spreading) 'Avalanche Grape'	<i>Plectranthus argentatus</i> 'Silver Shield'	<i>Zinnia</i> hybrid 'Profusion White'
<i>Petunia hybrida</i> (Spreading) 'Avalanche Lavender'	<i>Portulaca grandiflora</i> (Moss Rose) 'Extra Orange'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'
<i>Petunia hybrida</i> (Spreading) 'Avalanche White'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Autumn Colors'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Shell Pink Improved'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Indian Summer'	<i>Verbena x hybrida</i> 'Lanai Upright Magenta'
<i>Petunia hybrida</i> (Milliflora) 'Fantasy Ivory'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Prairie Sun'	<i>Verbena x hybrida</i> 'Lanai Upright Purple Mosaic'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Salvia farinacea</i> 'Evolution'	<i>Verbena x hybrida</i> 'Rapunzel Violet '06'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Salvia splendens</i> 'Garden Leader Firecracker Orange'	<i>Viola F1</i> 'Skippy XL Red-Gold'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Violet'	<i>Salvia splendens</i> 'Red Hot Sally II'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	<i>Spilanthes oleracea</i> 'Peek-a-boo'	<i>Viola wittrockiana</i> (Pansy) 'Majestic Giants Mixed'
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Stipa tenuissima</i> 'Ponytails'	<i>Viola wittrockiana</i> (Pansy) 'Ultimo Morpho'
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Tagetes patula</i> (French Marigold) 'Janie Flame'	<i>Zinnia angustifolia</i> 'Crystal White'
<i>Petunia hybrida</i> (Floribunda) 'Madness Lavender Glow'	<i>Tagetes patula</i> (French Marigold) 'Janie Gold'	<i>Zinnia angustifolia</i> 'Crystal Yellow'
<i>Petunia hybrida</i> (Floribunda) 'Madness Salmon Morn'	<i>Tagetes patula</i> (French Marigold) 'Janie Primrose'	<i>Zinnia elegans</i> 'California Giant'
<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	<i>Thunbergia alata</i> -Black-eyed Susan Vine	<i>Zinnia elegans</i> 'Cupidon'
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	<i>Thunbergia alata</i> 'Blushing Susie'	<i>Zinnia elegans</i> 'Dahlia Flowered Mix'
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	<i>Thunbergia alata</i> 'Sunrise Surprise'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Petunia hybrida</i> (Grandiflora) 'Stars and Stripes'	<i>Thunbergia alata</i> 'White-eyed Susie'	<i>Zinnia elegans</i> 'Park's Picks Mix'
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'		

## Dickinson Top Performers-2006

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp. 15-40). Plants are listed in alphabetical order by scientific name.

July 13	September 14,15
<i>Achillea ptarmica</i> 'Gypsy White'	<i>Angelonia angustifolia</i> 'Serena Purple'
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Begonia semperflorens</i> 'Nightlife Mix'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Begonia semperflorens</i> 'Olympia Sprint Blush'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	<i>Begonia semperflorens</i> 'Sprint Scarlet'
<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Catharanthus roseus</i> (Vinca) 'Jaijo Scarlet Eye'
<i>Celosia plumosa</i> 'Fresh Look Yellow'	<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'
<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	<i>Celosia plumosa</i> 'Fresh Look Gold'
<i>Dianthus F1 'Supra Purple'</i>	<i>Celosia plumosa</i> 'Fresh Look Red'
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	<i>Celosia plumosa</i> 'Fresh Look Yellow'
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	<i>Dianthus barbatus</i> 'Bouquet Rose Magic'
<i>Dianthus chinensis</i> 'Garden Leader Sundae Cherryberry'	<i>Gaillardia pulchella</i> 'Sundance Bicolor'
<i>Dianthus chinensis</i> 'Ideal Violet'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'
<i>Lobelia erinus</i> 'Techno Blue'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'
<i>Lobelia erinus</i> 'Techno White'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Osteospermum ecklonis</i> 'Tradewinds White '06'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'

## Williston Top Performers-2006

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp. 15-40). Plants are listed in alphabetical order by scientific name.

July 14

<i>Achillea ptarmica</i> 'Gypsy White'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'	<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'
<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'
<i>Angelonia angustifolia</i> 'Serena Purple'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Pink'
<i>Begonia x hybrida</i> 'BabyWing White'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Calibrachoa x hybrida</i> 'Callie Orange'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'
<i>Calibrachoa x hybrida</i> 'Callie Sunrise'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Corona'
<i>Calibrachoa x hybrida</i> 'Callie Yellow'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Pink'	<i>Salvia farinacea</i> 'Evolution'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	<i>Salvia splendens</i> 'Red Hot Sally II'
<i>Dianthus</i> F1 'Supra Purple'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Swing'	<i>Stipa tenuissima</i> 'Ponytails'
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Orchid'	<i>Verbena x hybrida</i> 'Garden Leader Lavender Blue'
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	<i>Verbena x hybrida</i> 'Lanai Blue'
<i>Dianthus chinensis</i> 'Garden Leader Sundae Cherryberry'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'
<i>Dianthus chinensis</i> 'Ideal Violet'	<i>Pennisetum glaucum</i> 'Purple Majesty'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Diascia barberae</i> 'Darla Light Pink'	<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Penstemon hartwegii</i> 'Phoenix Violet'	<i>Verbena x hybrida</i> 'Lanai Purple Mosaic'
<i>Gypsophila muralis</i> 'Gypsy Deep Rose'	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	<i>Verbena x hybrida</i> 'Lanai Red '07'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Verbena x hybrida</i> 'Lanai Upright Magenta'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Verbena x hybrida</i> 'Lanai Upright Purple Mosaic'
<i>Lobelia erinus</i> 'Techno White'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Violet'	<i>Verbena x hybrida</i> 'Rapunzel Purple'
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	<i>Verbena x hybrida</i> 'Rapunzel Violet '06'
<i>Osteospermum ecklonis</i> 'Tradewinds White '06'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Viola</i> F1 'Skippy XL Red-Gold'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	<i>Viola wittrockiana</i> (Pansy) 'Ultimo Morpho'
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse White Splash'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'		

## Williston Top Performers-2006

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp. 15-40). Plants are listed in alphabetical order by scientific name.

September 14

<i>Angelonia angustifolia</i> 'Serena Purple'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'
<i>Begonia x hybrida</i> 'BabyWing White'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Pink'
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'
<i>Calibrachoa x hybrida</i> 'Callie Orange'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Salvia farinacea</i> 'Evolution'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Salvia splendens</i> 'Garden Leader Firecracker Orange'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Pink'	<i>Salvia splendens</i> 'Red Hot Sally II'
<i>Catharanthus roseus</i> (Vinca) 'Garden Leader Sunsplash Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	<i>Scaveola aemula</i> 'Bombay Light Blue'
<i>Catharanthus roseus</i> (Vinca) 'Jaio Scarlet Eye'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Orchid'	<i>Stipa tenuissima</i> 'Ponytails'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	<i>Verbena x hybrida</i> 'Lanai Blue'
<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Compact Burgundy'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Dianthus chinensis</i> 'Ideal Violet'	<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Diascia barberae</i> 'Darla Deep Salmon'	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	<i>Verbena x hybrida</i> 'Lanai Purple Mosaic'
<i>Diascia barberae</i> 'Darla Light Pink'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Verbena x hybrida</i> 'Lanai Red '07'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Verbena x hybrida</i> 'Lanai Upright Magenta'
<i>Gypsophila muralis</i> 'Gypsy Deep Rose'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Violet'	<i>Verbena x hybrida</i> 'Lanai Upright Purple Mosaic'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	<i>Verbena x hybrida</i> 'Rapunzel Purple'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Verbena x hybrida</i> 'Rapunzel Violet '06'
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse White Splash'	<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	

## 2006 Star Performers

Star performers received \*, \*\*, or \*\*\* during **both** evaluation times as seen on the evaluation sheets for each site (pp. 15-40). Plants are listed in alphabetical order by scientific name.

### Fargo

<i>Ageratum houstonianum</i> 'Neptune Blue'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'	<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'
<i>Begonia x hybrida</i> 'BabyWing White'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Begonia semperflorens</i> 'Nightlife Mix'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Appleblossom'	<i>Plectranthus argentatus</i> 'Silver Shield'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Autumn Colors'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Salmon'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'
<i>Diascia barberae</i> 'Darla Light Pink'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Indian Summer'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Salvia farinacea</i> 'Evolution'
<i>Gaillardia pulchella</i> 'Sundance Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Hot Pink'	<i>Salvia splendens</i> 'Red Hot Sally II'
<i>Gazania rigens</i> 'Talent Red Shades'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Salmon'	<i>Spilanthes oleracea</i> 'Peek-a-boo'
<i>Gomphrena globosa</i> 'Purple Gomp'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Scarlet Eye'	<i>Thunbergia alata</i> -Black-eyed Susan Vine
<i>Gomphrena haageana</i> 'Strawberry Fields'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	<i>Thunbergia alata</i> 'Blushing Susie'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Bright Pink'	<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Thunbergia alata</i> 'Sunrise Surprise'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Light Pink '06'	<i>Penstemon hartwegii</i> 'Phoenix Pink'	<i>Thunbergia alata</i> 'White-eyed Susie'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple '06'	<i>Penstemon hartwegii</i> 'Phoenix Violet'	<i>Tithonia rotundifolia</i> 'Fiesta del Sol'
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	<i>Petunia hybrida</i> (Spreading) 'Avalanche Grape'	<i>Verbena bonariensis</i>
<i>Impatiens walleriana</i> 'Accent Mixture'	<i>Petunia hybrida</i> (Spreading) 'Avalanche Lavender'	<i>Verbena x hybrida</i> 'Lanai Blue'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange'	<i>Petunia hybrida</i> (Spreading) 'Avalanche White'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Red II'	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'	<i>Petunia hybrida</i> (Milliflora) 'Fantasy Ivory'	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Watermelon'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Verbena x hybrida</i> 'Lanai Upright Magenta'
<i>Impatiens walleriana</i> 'Sundae Cherry'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Viola F1</i> 'Skippy XL Red-Gold'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Zinnia elegans</i> 'Dahlia Flowered Mix'
<i>Ipomoea nil</i> 'Heavenly Blue'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Lablab purpureus</i> (Purple Hyacinth Bean)	<i>Petunia hybrida</i> (Floribunda) 'Madness Lavender Glow'	<i>Zinnia elegans</i> 'Park's Picks Mix'
<i>Limonium sinuatum</i> (Statice) 'Soiree Mix'	<i>Petunia hybrida</i> (Floribunda) 'Madness Salmon Mom'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Limonium sinuatum</i> (Statice) 'Supreme Extra Pastel Mix'		

## 2006 Star Performers

Star performers received \*, \*\*, or \*\*\* during both evaluation times as seen on the evaluation sheets for each site (pp. 15-40). Plants are listed in alphabetical order by scientific name.

Dickinson	Williston
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Angelonia angustifolia</i> 'Serena Purple'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Begonia x hybrida</i> 'Baby Wing White'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	<i>Calibrachoa x hybrida</i> 'Callie Orange'
<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Dianthus chinensis</i> 'Ideal Violet'
<i>Celosia plumosa</i> 'Fresh Look Yellow'	<i>Dianthus barbaerae</i> 'Darla Light Pink'
<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	<i>Gaillardia pulchella</i> 'Sundance Bicolor'
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	<i>Gypsophila muralis</i> 'Gypsy Deep Rose'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse White Splash'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'
<i>Pennisetum glaucum</i> 'Purple Majesty'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'
<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Pelargonium x hybrida</i> 'Lanai Blue'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Pink'
<i>Salvia splendens</i> 'Red Hot Sally II'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'
<i>Verbena x hybrida</i> 'Garden Leader Lavender Blue'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Orchid'
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'
<i>Verbena x hybrida</i> 'Lanai Red '07'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red'
	<i>Pennisetum setaceum</i> (Fountain Grass)
	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'
	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'

## 2006 Site Evaluations and Measurements-Fargo, ND

Note-An \* preceding a cultivar measurement indicates good performance but size uniformity was lacking or bloom time was not uniform; \*\* indicates a top performer with good bloom, vigor and uniformity, \*\*\* indicates an outstanding performer. All measurements are in inches except where noted and ( ) indicates missing data. Seed/plant source list is on the last page of the report.

### Fargo-2006

Genus species 'Cultivar'	Seed/Plant Source	July 27			September 6		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	FG	*6-10	*6-14	Good bloom but a few small plants.	8-10	10-14	Declining due to powdery mildew; bloom poor.
<i>Agastache cana</i> 'Purple Pigmy'	Pk	8-11	6-10	Doing alright but just starting to bloom.	**15-21	**14-18	Good vigor and bloom.
<i>Agastache foeniculum</i> 'Golden Jubilee'	AAS '03	7-13	6-13	Good vigor but just starting to bloom and not uniform in size.	**19-27	**16-20	Good bloom and vigor but lacking some uniformity in height.
<i>Agastache rupestris</i>	Pk	12-17	10-15	Good vigor but just starting to bloom and not uniform in size.	**20-27	**19-22	Good vigor but a little past peak bloom.
<i>Ageratum houstonianum</i> 'High Tide Blue'	PAS	9-12	5-14	Not uniform in size with two really small plants; good bloom.	*6-11	*6-13	Good bloom and vigor but dead heads detract from overall appearance.
<i>Ageratum houstonianum</i> 'Neptune Blue'	GS	**10-14	**15-16	Good bloom and size uniformity.	*12-15	*12-24	More vigor than 'High Tide Blue' but also more dead heads.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	12-22	10-16	Good vigor but not uniform in size and not many blooms.	**26-31	** ( )	Very good bloom right now but leaves have some insect/disease damage.
<i>Alternanthera dentata</i> 'Purple Knight'	PAS	5-8	6-10	Not too vigorous yet and not uniform in size.	3-7	5-15	Not too vigorous or uniform in size.
<i>Amaranthus caudatus</i> 'Green'	Pk	5-15	5-18	Not as much vigor as <i>Amaranthus</i> 'Red'.	*25-33	*20-24	Good vigor and bloom but kind of 'weedy' looking.
<i>Amaranthus caudatus</i> 'Red'	Pk	9-18	8-22	Doing alright but not uniform in size; more vigorous than <i>Amaranthus</i> 'Green'.	*20-34	*18-24	Showier than <i>Amaranthus</i> 'Green' but still kind of 'weedy' looking.
<i>Amaranthus tricolor</i> 'Aurora'	Pk	6-8	4-6	Not too vigorous yet.	28	36	Only 1 plant; neat color but 'weedy' looking.
<i>Amaranthus tricolor</i> 'Illumination'	Pk	5-6	3-5	Not much vigor; leaf edges are burnt.	6-16	6-12	Not uniform in size; <i>Amaranthus</i> 'Red' is crowding it.
<i>Amaranthus tricolor</i> 'Perfecta'	Pk	2-12	2-8	Only two plants-one small, one big.	32	36	Only 1 plant; neat color but 'weedy' looking.
<i>Angelonia angustifolia</i> 'Serena Lavender'	Pk	4-8	4-8	Not uniform in size or bloom.	**14-16	**16-18	Very nice with good vigor and bloom.
<i>Angelonia angustifolia</i> 'Serena Pink'	Pk	4-8	4-10	Not uniform in size or bloom.	**11-13	**16-18	Good vigor, bloom and size uniformity.
<i>Angelonia angustifolia</i> 'Serena Purple'	PAS	4-8	4-10	Not uniform in size or bloom.	**11-13	**16-18	Nice bloom, size uniformity and vigor.
<i>Angelonia angustifolia</i> 'Serena White'	Pk	6-9	6-10	Most uniform in size of the group.	**12-13	**15-17	Nice!
<i>Antirrhinum majus</i> (Snapdragon) 'Candy Corn'	Pk	3-7	3-8	Two small plants and two really nice ones.	8-12	10-14	Neat color and good vigor but not uniform in bloom time.
<i>Antirrhinum majus</i> (Snapdragon) 'Frosted Sunset'	Pk	9-14	6-10	Pretty flowers.	10-12	8-12	Pretty orange color.
<i>Antirrhinum majus</i> (Snapdragon)							

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Genus species 'Cultivar' Seed/Plant Source	July 27			September 6		
	Height	Spread	Comments	Height	Spread	Comments
<i>Antirrhinum majus</i> (Snapdragon) 'Rocket Mix'	Pk 7-25	6-9	Only 1 of 7 plants blooming.	10-23	12-18	Not uniform in size or bloom time.
<i>Antirrhinum majus</i> (Snapdragon) 'Snapshot Mix'	Ball 3-7	3-9	Not uniform in size or bloom.	7-9	6-10	Not uniform in size or bloom time.
<i>Antirrhinum majus</i> (Snapdragon) 'Tall Maximum Mix'	Bi 10-20	4-10	Not uniform in size or bloom.	12-16	12-18	Not uniform in size or bloom; some are falling over.
<i>Asarina scandens</i> (Twining Snapdragon) 'Color Mix'	Pk Vining to 24"	Vining to 24"	Good vigor and vining but no blooms.	**Vining to 4-5'	**Vining to 4-5'	Not many flowers but good vigor.
<i>Asclepias tuberosa</i> 'Gay Butterflies'	Pk 6-10	6-12	No bloom yet and not uniform in size.	8-12	12-20	Not uniform in size or bloom time.
<i>Begonia x hybrida</i> 'BabyWing White'	PAS **7-9	**12-16	Nice!	**18-20	**18-20	Very, very nice!
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	Pk **7-8	**9-11	Nice with good bloom, vigor and size uniformity.	**14-16	**20-22	Good bloom and size uniformity.
<i>Begonia semperflorens</i> 'Nightlife Mix'	Ben *4-7	*5-8	Good bloom but size uniformity could be better.	**10-14	**12-14	Bloom great but not as uniform in size as 'Olympia Sprint Blush'.
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	Ben **5-6	**4-9	Good bloom but a few smaller plants.	**11-12	**12-13	Nice!
<i>Begonia semperflorens</i> 'Sprint Scarlet'	Ben **5-6	**7-9	Great bloom.	**9-13	**8-12	Not as uniform as 'Olympia Sprint Blush' but bloom great.
<i>Browallia speciosa major</i> 'Garden Leader Wine'	Gri 4-7	4-6	Not too vigorous or floriferous yet.	**13-15	**8-12	Nice but not as vigorous as last year.
<i>Caladium</i> 'Gingerland'	Pk 5-10	6-10	Doing alright but not great.	7-10	8-15	Good vigor and showy leaves.
<i>Caladium</i> 'Little Miss Muffet'	Pk 4-5	5-6	No vigor.	3-5	5-8	Least vigorous of the caladium.
<i>Caladium</i> 'Red Flash'	Pk 5-10	7-14	Doing alright but not great.	8-11	11-15	Good vigor and showy red leaves.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	FG 5-6	8-11	Not too vigorous.	---	---	Dying.
<i>Calibrachoa x hybrida</i> 'Callie Orange'	FG 4-7	7-11	Poor.	---	---	Dying.
<i>Calibrachoa x hybrida</i> 'Callie Sunrise'	FG 3-4	9-13	Best of all four 'Callie' <i>Calibrachoa</i> s with good health and vigor.	3-4	11-13	Not doing too well.
<i>Calibrachoa x hybrida</i> 'Callie Yellow'	FG 4-6	5-12	Not uniform in size or vigor.	5-7	14-18	Best of the group but that's not saying much.
<i>Canna x generalis</i> 'Australia'	Pk 16-20	13-15	Good vigor but not many blooms yet.	**36-42	**24-26	Showy and nice.
<i>Canna x generalis</i> 'Bengal Tiger'	Pk 28-36	14-20	Good vigor but not many blooms yet.	**46-48	**22-25	Looks great!
<i>Canna x generalis</i> 'Tropical Sunrise'	Pk 28-30	17-20	Good vigor but not many blooms yet.	**46-50	**24-30	Good vigor and bloom.

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Genus species 'Cultivar' Seed/Plant Source	July 27			September 6			
	Height	Spread	Comments	Height	Spread	Comments	
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	3-9	3-10	Neat fruit but not uniform in size.	8-19	10-18	Not uniform in height and not too many peppers.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	AAS '02	*7-9	*5-9	Better fruiting than 'Black Pearl' but lacking size uniformity.	6-10	6-12	Good pepper production but not uniform in size.
<i>Carex comans</i> 'Bronze'	Pk	5-8	3-6	Not too vigorous-small plants.	5-11	4-12	Unique foliage color but not uniform in size.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3-7	3-9	Not uniform in size or vigor.	9-14	8-14	Not as uniform or floriferous as other vinca but doing alright.
<i>Catharanthus roseus</i> (Vinca) 'Garden Leader Sunsplash Red'	Gri	5-9	4-12	Not uniform in size or bloom.	**10-13	**10-14	Good vigor, bloom and size uniformity.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	AAS '03	3-6	3-9	Not uniform in size or bloom.	*7-13	*7-13	Lacking size uniformity but good vigor and bloom.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Scarlet Eye'	AAS '02	3-9	3-12	Not uniform in size.	**11-14	**12-16	Nice show!
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	**7-8	**8-11	Best of the vinca-most uniform in size and bloom.	**12-14	**18-20	Pretty bicolored flowers; floriferous and vigorous.
<i>Celosia cristata</i> 'Amigo Mahogany Red'	Pk	4-6	5-6	Not much bloom and not too vigorous.	6-8	6-8	Poor.
<i>Celosia cristata</i> 'Amigo Mix'	Pk	3-5	3-6	Poor, no vigor and not uniform in bloom.	4-6	4-8	Poor; not much vigor or bloom.
<i>Celosia cristata</i> 'Bombay Mix'	Pk	7-9	4-6	Poor-no bloom and not branching out at all.	6-12	6-8	Poor-never branched out.
<i>Celosia cristata</i> 'Fireglow'	Pk	7-11	4-8	Not too vigorous yet but neat red flowers.	6-16	6-18	Not uniform in size or bloom.
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	8-13	5-11	Good bloom but not uniform in height.	*12-21	*10-20	Good bloom but not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Orange'	Ben	9-12	4-10	Bloom good but size varies.	*10-18	*12-17	Good bloom but not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	9-13	7-11	Bloom good but size varies.	14-19	10-20	Not as nice as in past years; not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	8-11	5-11	Bloom good but size varies.	10-19	8-15	Blooms 'dirty' looking; not as nice as in the past.
<i>Celosia plumosa</i> 'New Look'	Ben	10-12	4-10	Bloom good but size varies.	9-18	6-17	A few really nice plants but not uniform in size or bloom.
<i>Cleome hasslerana</i> (Spider Flower) 'Queen Mix'	Ag	30-32	24-26	Good vigor but buggy and one small plant.	**to 53	**36-40	All pink flowers but good vigor and bloom.
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Blush'	AAS '02	12-14	4-6	Only two plants-not too vigorous.	22	18	Only 1 plant; overshadowed by cleome 'Queen Mix'.
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Lavender'	Pk	15-18	7-12	Not too vigorous and little black beetles eating foliage.	**25-30	**20-22	Looks good!
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Rose'	Pk	10-12	2-5	No vigor.	15-22	12-16	Not uniform in size or bloom.

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Genus species 'Cultivar'	Seed/Plant Source	July 27			September 6		
		Height	Spread	Comments	Height	Spread	Comments
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler White'	Pk	14-16	8-16	Not uniform in size; little black beetles eating holes in leaves.	**30-32	**18-20	Nice show of white.
<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	PAS	4-10	3-9	Not uniform in size but good vigor.	**15-20	**12-16	Good vigor and coloring on foliage.
<i>Cosmos sulphureus</i> 'Cosmic Red'	Ben	9-11	8-10	Doing alright but not great.	13-15	7-10	Overshadowed by cosmos 'Dazzler', otherwise doing alright.
<i>Cosmos sulphureus</i> 'Dazzler'	Ag	24-36	27-30	Big, bushy plants but few flowers.	38-40	42-46	Just big bushes-only 1 flower.
<i>Dahlia x hybridus</i> 'Caruso Purple'	Gri	8-16	10-19	Not uniform in size or bloom.	15-20	18-24	Good vigor but size and bloom not uniform.
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	**7-9	**7-9	Nice little plants.	7-8	6-10	Good vigor but past peak bloom.
<i>Dianthus barbatus</i> 'Amazon Neon'	Pk	**10-11	**5-8	Small but uniform.	10-12	9-12	Doing alright but has done better in the past.
<i>Dianthus barbatus</i> 'Amazon Neon Rose Magic'	Pk	7-11	5-7	Pretty flowers; similar to 'Amazon Rose Magic' but not as uniform in size.	10-13	9-12	Not uniform in size and past peak bloom.
<i>Dianthus barbatus</i> 'Amazon Rose Magic'	PAS	8-9	6-8	Not as vigorous as 'Amazon Neon'-not branching as well.	10-12	8-11	Doing alright but has done better in the past.
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	PAS	*10-14	*6-11	Good bloom but not uniform in size.	14-16	11-14	Good vigor and size uniformity but past peak bloom.
<i>Dianthus barbatus</i> 'Dynasty Orchid'	Ball	8-10	5-8	Doing alright but not too vigorous yet.	7-12	8-14	Not uniform in size but bloom is alright.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	12-15	9-13	Not uniform in size or bloom.	*13-15	*11-13	Good vigor and bloom is alright.
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	AAS '03	4-6	3-8	Not uniform in size but lots of big flowers on the small plants.	5-8	3-8	Small; not uniform in size or bloom time.
<i>Dianthus chinensis</i> 'Garden Leader Sundae Cherryberry'	Gri	5-6	4-7	Good bloom and pretty flowers but not uniform in spread.	5-7	6-9	Not uniform in size and not many blooms.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	4-6	3-8	Similar to 'Corona Cherry Magic'.	4-7	4-8	Similar to other <i>Dianthus</i> -doing alright but not great.
<i>Dianthus chinensis</i> 'Valentine'	PAS	3-4	3-4	Small plants; not much vigor but good bloom.	5-6	6-8	Small and not many blooms.
<i>Diascia barberae</i> 'Darla Deep Salmon'	FG	6-10	7-11	Not uniform in size, bloom or vigor.	8-10	12-14	Not as vigorous or floriferous as 'Darla Light Pink'.
<i>Diascia barberae</i> 'Darla Light Pink'	FG	**9-10	**10-12	Very nice.	***13-15	***18-20	Great show!
<i>Dichondra argentea</i> 'Silver Falls'	Pk	1-2	8-14	Just starting to show some vigor.	**1-2	**30-36	Nice, vigorous ground cover.
<i>Eucalyptus cinerea</i> (Silver Dollar Plant)	Pk	8-20	6-10	Falling over.	15-36	10-15	Doing alright but falling over.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Cinderella Pink'	Pk	15-17	7-9	Good bloom but needs deadheading.	12-20	10-12	Doing alright-some plants with good bloom while others not blooming as much.

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Genus species 'Cultivar'	Seed/Plant Source	July 27			September 6		
		Height	Spread	Comments	Height	Spread	Comments
<i>Eustoma grandiflorum</i> (Lisianthus)	Pk	12-17	7-9	Not uniform in bloom and needs deadheading.	17-20	7-12	Similar to 'Cinderella Pink' with uneven bloom.
<i>Eustoma grandiflorum</i> (Lisianthus)	Pk	13-15	7-9	Not much pink on the flowers.	15-17	6-8	Bloom good but needs deadheading.
<i>Eustoma grandiflorum</i> (Lisianthus)	AAS '01	**7-9	**8-10	Only two plants but nice with good bloom and size uniformity.	8-9	10-11	Still only 2 plants; past peak bloom.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	4-9	6-12	Not uniform in size or bloom.	*9-12	*14-16	Lots of flowers and seed heads.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	*12-18	*18-20	Good bloom and vigor but height not uniform.	**22-25	**20-24	Very vigorous; past peak bloom but seed heads attractive.
<i>Gaillardia pulchella</i> 'Sundance Red'	Ag	*12-18	*18-22	Good bloom and vigor but height not uniform.	**20-24	**22-24	Good bloom and vigor.
<i>Gazania rigens</i> 'Talent Red Shades'	Ben	**5-7	**7-9	Good bloom, vigor and size uniformity.	*5-10	*8-14	Nice bloom and color contrast between foliage and flowers; not uniform in size.
<i>Gomphrena globosa</i> 'Purple Gomp'	Gri	**12-15	**12-14	Good bloom and size uniformity.	**22-24	**25-27	Nice show of purple.
<i>Gomphrena haageana</i> 'Strawberry Fields'	Pk	*16-18	*16-22	Good bloom but not as uniform in size as 'Purple Gomp'.	**20-27	**30-35	Good vigor and bloom.
<i>Gypsophila muralis</i> (Baby's Breath) 'Garden Bride'	Da	3-5	8-10	Good bloom but not uniform in size.	3-6	5-10	Bloom ok but not uniform in size.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy'	Da	2-3	5-7	Small but bloom good.	2-3	4-6	Uniform but small.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose'	AAS '04	3-4	3-6	Not too vigorous and only a few nice plants.	3-5	3-5	Only 3 plants; not much vigor or bloom.
<i>Helichrysum bracteatum</i> 'Bright Bikini Mix'	Pk	*7-11	*6-10	Mostly red flowers; good bloom and vigor but not uniform in size.	7-11	9-12	Past peak bloom and needs deadheading but good vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Bright Pink'	FG	**5-6	**8-9	Good bloom, vigor and size uniformity.	**7-9	**12-14	Good vigor and bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Deep Purple'	FG	6-7	8-10	Not uniform in bloom but vigor good.	8-10	13-15	Good vigor but only one flower.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Light Pink '06'	FG	**6-7	**8-10	Nice.	**7-9	**12-14	Good bloom and vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Magic Pink'	FG	4-6	4-9	Not as floriferous or uniform in size as others.	**5-7	**9-12	Good bloom and vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple '06'	FG	*6-7	*8-10	Not as floriferous as 'Sonic Bright Pink' or 'Sonic Light Pink' but still nice plants.	*7-9	*12-14	Good vigor but not as floriferous as 'Sonic Magic Pink'.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	FG	**6-9	**7-11	Very striking-nice.	**12-14	**14-16	Neat foliage contrast with flowers; most vigorous of the New Guinea impatiens in Fargo.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Burgundy'	FG	6-7	10-11	Not as showy or floriferous as 'Super Sonic Pastel Pink'.	9-11	13-15	Few blooms but good vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Dark Salmon '06'	FG	6-7	9-11	Not as floriferous or vigorous as 'Super Sonic Pastel Pink'.	8-10	9-13	Not as vigorous as a few others but still ok.

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		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Deep Purple'	FG	6-9	10-11	Not as floriferous as others here.	9-11	13-15	Few blooms but good vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Pastel Pink '04'	FG	**8-9	**9-11	Floriferous and uniform-nice!	11-12	14-16	Similar to other 'Super Sonic' impatiens.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Salmon Ice '06'	FG	*4-8	*6-9	Good bloom but not as uniform in size as some others.	9-11	10-14	Good vigor; bloom best of all the 'Super Sonic' impatiens in Fargo but still not great.
<i>Impatiens walleriana</i> 'Accent Mixture'	Pk	**6-8	**12-14	Good bloom and vigor.	*18-20	*15-20	Good vigor but not quite as floriferous as impatiens 'Cranberry Punch Mix'.
<i>Impatiens walleriana</i> 'Cranberry Punch Mix'	Pk	6-8	10-14	Not as uniform in size or bloom as the others.	**18-20	**12-18	Very good bloom and vigor.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange'	FG	**6-7	**9-11	Best of the 'Firefly' impatiens in Fargo with good bloom and vigor.	**9-11	**12-14	Great bloom and vigor.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Red II'	FG	*3-4	*6-10	Good bloom but size uniformity could be better.	**6-8	**10-13	Least vigor of the 'Firefly' impatiens but still good bloom.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'	FG	**5-6	**8-10	Good bloom and vigor-nice.	**9-11	**12-14	Good bloom and vigor.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Watermelon'	FG	**5-6	**8-10	Good bloom and uniformity.	**8-10	**11-14	Looks good.
<i>Impatiens walleriana</i> 'Stardust Cherry'	PAS	5-7	7-12	Not uniform in size, vigor or bloom.	8-14	12-18	Not uniform in size; being crowded by impatiens 'Sunny Lady Mix' and 'Sundae Cherry'.
<i>Impatiens walleriana</i> 'Sundae Cherry'	Ag	*5-7	*11-14	Fairly good bloom and size uniformity.	**15-16	**20-22	Good bloom, vigor and size uniformity.
<i>Impatiens walleriana</i> 'Sunny Lady Mix'	Pk	6-8	8-14	Not as uniform in size or bloom as 'Accent Mix'.	**14-19	**14-18	Good vigor and bloom.
<i>Impatiens walleriana</i> 'Tempo Crystal Hybrid Mix'	Pk	5-8	8-16	Not uniform in size or bloom.	**18-20	**12-18	Nice!
<i>Ipomoea alba</i> (Moon vine)	Pk	Vining to 4'	Vining to 4'	No flowers and being overrun by Cardinal Climber.	Vining to 6-8'		No flowers visible when evaluating.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	Unk	**20-24	**30-36	Not as vigorous or showy as 'Marguerite' but still very nice.	**14-16	**30+	Very vigorous and showy.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	Unk	**to 22	**36+	Very vigorous and nice.	**to 20	**40+	Very, very vigorous!
<i>Ipomoea x multifida</i> (Cardinal Climber)	Pk	* ( )	* ( )	Very vigorous but few flowers.	Vining to 4-5'		Being over-run by other vines.
<i>Ipomoea nil</i> 'Early Call Mixed'	T & M	Vining to 5'	Vining to 5'	Very vigorous but no flowers.	( )		Can't tell where it is anymore-too many other vines overtaking the area.
<i>Ipomoea nil</i> 'Heavenly Blue'	Pk	*Vining to 5'	*Vining to 5'	Very vigorous with some blue flowers.	**Vining to 6-8'		Lots of light blue flowers; very vigorous.
<i>Ipomoea purpurea</i> 'Star Of Yelta'	Pk	Vining to 5'	Vining to 5'	No flowers but very vigorous.	**Vining to 5'		Very vigorous and lots of purple flowers.
<i>Ipomoea quamoclit</i> 'Cypress Vine Mix'	Pk	Vining to 3'	Vining to 3'	Being overtaken by 'Star of Yelta'-not as vigorous as others.	Vining to 3'		Doing alright but being over-run by neighboring vines.

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		Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i>	'Cultivar'						
<i>Lablab purpureus</i>	(Purple Hyacinth Bean)	*Vining to 5'		Good vigor but no flowers yet.	**Vining to 6-8'		Very vigorous with lots of purple flowers and pods.
<i>Limonium sinuatum</i>	(Statice)	**12-18	**12-20	Nice vigor and bloom but a lot of yellow flowers.	**18-30	**13-20	Good bloom and vigor; lacking some size uniformity between colors.
<i>Limonium sinuatum</i>	(Statice)	**14-19	**13-20	Similar to 'Soiree Mix' but color mix better.	**20-24	**16-22	Good bloom and vigor; lacking some size uniformity between colors.
<i>Lobelia erinus</i>	'Techno Blue'	*4-5	*9-14	Good bloom but not uniform in size.	5-7	8-15	Not uniform in size or bloom.
<i>Lobelia erinus</i>	'Techno White'	*5-6	*10-14	Good bloom and better size uniformity than 'Techno Blue'.	5-6	14-16	More uniform in size than 'Techno Blue' but not much bloom.
<i>Lobularia maritima</i>	(Sweet Alyssum) 'Avalanche'	**5-6	**7-15	Nice!	**5-7	**16-20	Very showy-looks good!
<i>Lobularia maritima</i>	(Sweet Alyssum) 'Golf'	*4-5	*10-14	Good bloom but lacking size uniformity.	**5-8	**11-20	Least uniform in size of the alyssum.
<i>Lobularia maritima</i>	(Sweet Alyssum) 'Pastel Carpet'	2-6	5-15	Not uniform in size.	**6-9	**9-11	Good bloom and vigor.
<i>Lobularia maritima</i>	(Sweet Alyssum) 'Snow Crystals'	**6-7	**14-17	One really small plant otherwise it's doing well.	**()	**()	Very nice show of white.
<i>Melampodium paludosum</i>	'Million Gold'	3-7	3-11	Good bloom but not uniform in size.	**14-16	**20-21	Good bloom and vigor but could be better in size uniformity.
<i>Nicotiana x sanderae</i>	(Flowering Tobacco) 'Perfume Deep Purple'	**11-17	**12-16	Nice!	**20-24	**18-20	Good bloom, vigor and size uniformity.
<i>Osteospermum ecklonis</i>	'Tradewinds Pure Yellow'	10-12	10-12	Less vigor and blooms than 'Tradewinds White '06'.	14-16	12-16	Fairly uniform in size; not as vigorous as 'Tradewinds White '06' and past peak bloom.
<i>Osteospermum ecklonis</i>	'Tradewinds White '06'	10-13	12-15	Good vigor but not uniform in bloom time.	18-19	18-22	Past peak bloom but very vigorous.
<i>Pelargonium x hortorum</i>	(Geranium-Zonal) 'Aquarello '07'	*9-12	*9-11	Fairly good bloom and size uniformity.	6-10	6-12	Small plants and not much bloom right now.
<i>Pelargonium x hortorum</i>	(Geranium-Zonal) 'Black Velvet Appleblossom'	*11-12	*11-13	Very good vigor; not as much brown color on leaves as other 'Black Velvet' geraniums.	**17-18	**22-24	Nice!
<i>Pelargonium x hortorum</i>	(Geranium-Zonal) 'Black Velvet Rose'	**9-11	**11-15	Good bloom and vigor.	**18-20	**22-24	Nice!
<i>Pelargonium x hortorum</i>	(Geranium-Zonal) 'Black Velvet Salmon'	*10-11	*11-13	Very good vigor but not as much brown color on leaves as other 'Black Velvet' geraniums.	*12-15	*17-20	Doing alright but not as floriferous or vigorous as 'Black Velvet Appleblossom'.
<i>Pelargonium x hortorum</i>	(Geranium-Zonal) 'Black Velvet Scarlet'	*12-14	*10-15	More brown color on leaves; good bloom.	13-15	11-16	Least vigorous of the 'Black Velvet' geraniums.
<i>Pelargonium x hortorum</i>	(Geranium-Exotic) 'Crystal Palace Gem'	*7-10	*8-11	Good vigor and nice color contrast between red flowers and yellow-green leaves; could be more uniform in size.	**13-17	**12-15	Good vigor and coloring.
<i>Pelargonium x hortorum</i>	(Geranium-Zonal) 'Eclipse White Splash'	*6-7	*9-11	Good size uniformity and pretty flowers.	7-9	10-16	Small plants; not much bloom right now.
<i>Pelargonium x hortorum</i>	(Geranium-Exotic) 'Graffiti Double Salmon'	8-10	8-10	Good vigor; color bright and cleaner looking than 'Graffiti Double White'.	6-10	8-12	Similar to 'Graffiti Double White'.

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	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'	7-8	7-9	Nice little plants but flowers 'dirty' looking.	7-9	8-13	Not much bloom and not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'	9-10	9-13	Good vigor.	**11-13	**14-16	Best bloom of the 'Graffiti' geraniums and fairly uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'	8-10	10-12	Doing alright; better bloom than 'Graffiti Salmon'.	6-9	8-13	Not uniform in size and few blooms.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'	6-9	8-10	Neat foliage color but not uniform in bloom.	*6-10	*12-14	Unique foliage and good vigor but not much bloom right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	**9-10	**11-13	Good vigor; dark green foliage contrasts nicely with red flowers.	**14-16	**18-20	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Coral'	11-12	10-12	Good vigor but bloom not that great right now.	**14-15	**17-20	Looks good!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Light Salmon'	9-12	11-13	Good vigor.	**14-16	**18-20	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Pink'	9-11	11-13	Similar in performance to other 'Mavericks'.	**14-15	**18-20	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Salmon'	9-13	12-14	Good vigor and bloom alright.	*14-16	*18-21	One dying plant, otherwise doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Scarlet'	9-12	11-13	Good vigor and bloom alright.	*14-16	*18-20	Bright color!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Violet'	9-12	11-13	Similar to other 'Mavericks'.	*14-16	*18-20	Bright color; a few less blooms than other 'Maverick' geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Lavender'	**9-10	**9-12	Nice plants with good bloom.	11-13	13-15	Not as vigorous as 'Orbits' or 'Mavericks' but bloom is nice.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Light Salmon'	6-9	9-12	Not as uniform in size as 'Multibloom Lavender'.	**10-12	**13-15	Good bloom and uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Scarlet'	6-7	6-12	Smaller plants but bloom alright.	6-9	4-12	Not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Scarlet Eye'	6-8	8-11	Smaller plants but bloom alright.	*10-12	*12-14	Good bloom but not as showy as some others; fairly uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Cherry'	8-9	10-12	Doing alright.	*13-15	*18-20	Being crowded by fountain grass but good bloom and bright color.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Coral'	10-12	11-13	Good vigor but bloom not uniform.	*15-16	*12-15	Good bloom but being crowded by fountain grass.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Hot Pink'	*9-11	*11-13	Good uniformity and a little more vigor than 'Orbit Cherry'.	**13-15	**18-20	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Light Salmon'	8-10	9-12	Not as vigorous as 'Orbit Hot Pink'; color not as showy.	6-11	8-17	Least uniform and floriferous of the 'Orbit' geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Orchid'	8-9	11-13	Doing alright.	**13-16	**15-18	Looks good!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Salmon'	**10-11	**13-15	Bloom and size uniformity good.	**14-16	**17-20	Very nice with good vigor and bloom.

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		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Scarlet Eye'	GS	**11-13	**13-15	Good vigor and bloom.	**14-16	**18-20	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Paint Box'	Ag	9-11	7-12	Bloom and vigor alright but not uniform in spread.	12-15	12-18	Good color mix but lacking size uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	FG	7-10	8-11	Not as uniform in size as other geraniums but bloom good.	6-12	9-15	Not uniform in size or bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Pink'	FG	7-11	9-12	Bloom good but lacking size uniformity.	9-12	10-14	Not as uniform or floriferous as some others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	FG	*8-10	*10-13	Good vigor; ok bloom.	**13-15	**15-18	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Swing'	FG	6-8	7-9	Pretty color but not as vigorous as other geraniums.	5-11	6-13	Nice bright color but not uniform in size or bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Orchid'	FG	6-8	8-10	Vigor and size vary but bloom is good.	4-10	4-13	Small; hardly any blooms.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	FG	7-9	7-11	Bloom good but size varies.	8-10	9-16	Not uniform in size or bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red'	FG	6-11	8-12	Blooms big and bright but plant size varies.	5-10	8-13	Not uniform in size or bloom.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Compact Burgundy'	FG	7-10	12-17	Not too vigorous yet.	7-10	12-16	Good vigor but few blooms right now.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Pink Spirit'	FG	5-7	7-11	Less vigor and bloom than 'Blizzard Compact Burgundy'.	6-10	10-12	Not too vigorous but more blooms than 'Blizzard Compact Burgundy'.
<i>Pennisetum glaucum</i> 'Jester'	Pk	**40-46	**20-24	Didn't do well in the greenhouse but became very vigorous after being planted out in the beds.	38-45	12-18	More vigor than 'Purple Majesty' but some stems falling over.
<i>Pennisetum glaucum</i> 'Purple Majesty'	AAS '03	40-46	12-18	Less vigor than 'Jester' but a little better than last year.	42-46	12-16	Not too bad-not too good.
<i>Pennisetum setaceum</i> (Fountain Grass)	Pk	***27-30	***36-38	Very nice as usual.	***42-44	***35-40	Very vigorous and showy.
<i>Pentas lanceolata</i> 'Graffiti Bright Red'	Ben	2-5	3-5	Not uniform in bloom and not much vigor, yet.	7-8	6-10	Doing alright.
<i>Pentas lanceolata</i> 'Graffiti Pink'	Ben	4-5	3-6	Small, no vigor.	7-9	7-12	Not as uniform in size as some of the other <i>Pentas</i> .
<i>Pentas lanceolata</i> 'Graffiti Violet'	Ben	4-5	3-5	Not much vigor or bloom, yet.	6-8	9-11	Doing alright.
<i>Pentas lanceolata</i> 'Graffiti White'	Ben	4-5	5-6	Best of the 'Graffiti's' but none of them are doing great right now.	6-7	8-10	Bloom and vigor are alright.
<i>Pentas lanceolata</i> 'Kaleidoscope Appleblossom'	Ben	4-7	4-8	Doing better than the 'Graffiti' series.	**10-13	**14-16	Most uniform of the 'Kaleidoscope' <i>Pentas</i> ; good bloom, too.
<i>Pentas lanceolata</i> 'Kaleidoscope Carmine'	Ben	4-5	3-5	Not much vigor, yet.	*9-12	*12-14	Bloom and vigor look good.
<i>Pentas lanceolata</i> 'Kaleidoscope Deep Red'	Ben	5-7	5-9	Most vigor of all the <i>pentas</i> right now.	**9-12	**15-17	Good uniformity in size and bloom time.

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	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Pentas lanceolata</i> 'Kaleidoscope Lilac'	Ben	6-7	4-8	9-17	10-16	Not uniform in size but good vigor.
<i>Penstemon hartwegii</i> 'Phoenix Pink'	FG	*18-24	*12-14	**25-30	**15-20	Has been blooming for awhile; more vigor and flowers than 'Phoenix Violet'. Still blooming well but could use some deadheading.
<i>Penstemon hartwegii</i> 'Phoenix Violet'	FG	*17-23	*7-12	**20-25	**18-20	Blooming well but 'Phoenix Pink' has a bit more vigor. Same as for 'Phoenix Pink'.
<i>Petunia hybrida</i> (Spreading) 'Avalanche Cherry'	Pk	3-5	8-17	*7-8	*24-32	Not uniform in size and some yellowing foliage. Good bloom and vigor but being over-run by 'Avalanche Grape' and 'Jamboree White'.
<i>Petunia hybrida</i> (Spreading) 'Avalanche Grape'	Pk	*6-10	*10-24	**10-12	**36	Not as uniform as 'Avalanche Lavender' but good bloom. Good bloom, vigor and size uniformity.
<i>Petunia hybrida</i> (Spreading) 'Avalanche Lavender'	Pk	**6-8	**14-16	**8-10	**24-30	Looks good! Good bloom, vigor and size uniformity.
<i>Petunia hybrida</i> (Spreading) 'Avalanche Red'	Pk	5-9	8-15	10-14	24-30	Not uniform in vigor, size or bloom. Good bloom but not as uniform or vigorous as other 'Avalanche' petunias.
<i>Petunia hybrida</i> (Spreading) 'Avalanche White'	Pk	*7-11	*8-24	*10-14	*20-24	Good bloom but not uniform in size. Good bloom but dead heads more obvious here.
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	AAS '03	5-7	12-18	8-10	18-20	Not uniform in vigor but bloom alright. Not as floriferous or vigorous as others and sweet potato vine is crowding it.
<i>Petunia hybrida</i> (Multiflora) 'Dolce Fragolino'	Pk	*8-11	*16-20	12-14	18-20	Nice bloom but lacking size uniformity. Good bloom but being crowded by sweet potato vine and 'Tidal Wave Silver' petunia.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	PAS	*7-9	*12-30	**11-13	**24-38	Not uniform in spread but good bloom. Good bloom, vigor and size uniformity.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Shell Pink Improved'	PAS	7-8	7-14	*10-12	*18-20	Not uniform in spread or bloom and some yellowing foliage. Good bloom but fountain grass crowding it a bit.
<i>Petunia hybrida</i> (Milliflora) 'Fantasy Ivory'	GS	*5-6	5-12	*7-9	*14-16	Good bloom but not uniform in spread. Good bloom.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	FG	**8-10	**16-18	**10-12	**24-30	Good bloom, vigor and size uniformity. Very, very nice!
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	FG	**10-12	**18-20	**10-12	24-30	Very nice! Very, very nice!
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Violet'	FG	7-10	10-22	**9-10	**24-30	Not as uniform in size as other 'Jamboree' petunias and some yellowing foliage. Very, very nice!
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	FG	**10-12	**18-20	**10-12	**24-30	Very nice! Very, very nice!
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	AAS '02	**4-6	**12-16	**5-7	**30-36	Nice show of lavender. Good bloom, vigor and size uniformity.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	**6-7	**14-16	**6-8	**22-24	Nice bloom, vigor and size uniformity. Very, very nice and bright!
<i>Petunia hybrida</i> (Floribunda) 'Madness Lavender Glow'	Ball	**10-11	**26-28	**13-14	**33-36	Nice bloom, vigor and size uniformity. Nice and bright!
<i>Petunia hybrida</i> (Floribunda) 'Madness Rose Morn'	Ball	6-12	7-14	10-13	18-24	Not uniform in size, bloom or vigor. Doing alright but not as uniform or showy as 'Madness Lavender Glow'.

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Genus species 'Cultivar' Seed/Plant Source	July 27			September 6		
	Height	Spread	Comments	Height	Spread	Comments
<i>Petunia hybrida</i> (Floribunda) 'Madness Salmon Morn'	**12-15	**16-20	Nice.	**14-19	**18-24	Doing alright but being crowded a bit by fountain grass.
<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	7-14	5-12	Good bloom but not uniform in size.	*9-12	*10-20	Good bloom but not uniform in size.
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	5-6	10-18	Not uniform in spread but bloom is alright.	***10-11	***30-36	Outstanding!
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	4-5	6-32	Not uniform in vigor or spread and some yellowing foliage.	**5-7	**30-36	Nice!
<i>Petunia hybrida</i> (Grandiflora) 'Stars and Stripes'	7-14	10-18	All purple except for one white plant; good vigor and bloom but not uniform in size.	*15-17	*22-25	Not much color mix but good vigor and bloom.
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	*8-12	*20-32	Not uniform in spread but very good bloom.	***15-17	***44-48	Very, very vigorous and floriferous.
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	**9-13	**10-12	Good vigor and pretty bi-colored flowers.	14-16	22-25	Nice flowers but plant is a bit leggy.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'	***8-9	***18-22	Excellent with great bloom and vigor.	***13-14	***22-24	Nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Burgundy '06'	5-6	10-16	Very poor compared to other 'Whispers' petunias.	6-9	20-22	Least vigorous of the 'Whisper' petunias and some of the foliage is yellowing.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Pink'	9-11	18-22	Not as uniform in bloom or vigor as 'Whispers Red' and some yellowing foliage.	***11-13	***22-24	Nice and bright.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	***9-11	***18-20	Very nice!	***14-15	***24-26	Very nice show of red.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'	*7-8	*18-23	Nice although two plants have some yellowing foliage.	***12-13	***22-24	Very, very nice!
<i>Plectranthus argentatus</i> 'Silver Shield'	**8-9	**18-20	Good vigor and uniformity.	***22-24	***38-40	Very, very nice show of gray foliage.
<i>Portulaca grandiflora</i> (Moss Rose) 'Extra Orange'	3-5	10-14	Bloom not great but vigor is good.	*5-7	*18-20	Fairly good bloom and size uniformity.
<i>Portulaca grandiflora</i> (Moss Rose) 'Margarita Mix'	3-7	5-14	Bloom and size not uniform but good color mix.	5-7	6-14	Bloom alright but not uniform in size between colors.
<i>Portulaca grandiflora</i> (Moss Rose) 'Sundial Mix'	5-7	7-16	Good color mix but not uniform in spread.	3-10	8-14	Good color mix but not uniform in size.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Autumn Colors'	*10-15	*8-12	Good bloom but not uniform in height.	*12-16	*11-16	Good bloom but not uniform in size.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'	*9-19	*10-13	Not uniform in bloom or size but flowers are unique.	*17-23	*12-20	Good bloom but not uniform in size and some powdery mildew.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Corona'	7-10	3-12	Not uniform in spread or bloom but flowers are pretty.	8-12	6-13	Not uniform in size; good bloom but one plant dying.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Indian Summer'	**19-22	**13-15	Nice!	*20-32	*20-30	Good bloom but not uniform in size.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Prairie Sun'	7-14	6-12	Not uniform in size or bloom.	*18-28	*16-22	Good bloom but not uniform in size.

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Genus species 'Cultivar'	Seed/Plant Source	July 27			September 6		
		Height	Spread	Comments	Height	Spread	Comments
<i>Salvia farinacea</i> 'Evolution'	AAS '06	*8-20	*7-12	Just starting to be a nice show of blue but not uniform in size.	**20-22	**14-18	Nice show of blue.
<i>Salvia splendens</i> 'Garden Leader Firecracker Orange'	Gri	10-12	3-9	Not uniform in size, vigor or bloom.	*9-14	*12-15	Good vigor and bloom but blossoms a tad faded.
<i>Salvia splendens</i> 'Hotline Mixed'	Pk	*11-12	*8-11	Colors faded but good bloom and size uniformity.	13-15	12-16	Good color mix but a bit past peak bloom.
<i>Salvia splendens</i> 'Purple Volcano'	Pk	3-12	6-10	Not many flowers and not uniform in height.	13-22	13-15	Not too showy.
<i>Salvia splendens</i> 'Red Hot Sally II'	Ball	**9-12	**8-11	Good bloom and size uniformity.	**14-16	**14-17	Very good bloom and size uniformity.
<i>Scabiosa japonica</i> var. <i>alpina</i> 'Ritz Blue'	Ben	*7-8	*6-9	Bloom and size are good.	5-9	9-14	Not uniform in size and past peak bloom.
<i>Scaveola aemula</i> 'Bombay Light Blue'	FG	2-3	14-16	Doing alright but not that great.	3-5	18-20	A few dead and dying plants; being overrun by neighboring verbena.
<i>Spilanthes oleracea</i> 'Peek-a-boo'	PAS	**7-9	**17-19	Very good vigor and bloom.	***12-13	***30-36	Nice!
<i>Stipa tenuissima</i> 'Ponytails'	Pk	8-16	6-12	Good vigor but not uniform in size.	*8-16	*9-17	Good vigor but not uniform in size.
<i>Tagetes erecta</i> (Marigold) 'Antigua Mix'	Pk	8-11	7-12	Not uniform in size or bloom time.	10-14	10-12	Bloom alright but dead heads detract from appearance.
<i>Tagetes erecta</i> (Marigold) 'Capriccio'	Pk	26-30	18-20	Not much bloom yet.	30-36	28-30	Big, bushy and falling over.
<i>Tagetes erecta</i> (Marigold) 'Improved Crackerjack'	Ag	23-33	20-24	Big plants but not a lot of bloom yet.	30-36	18-24	Not as much bloom as some other marigolds.
<i>Tagetes erecta</i> (Marigold) 'Inca II Hybrid Mix'	Pk	*12-15	*10-15	Good bloom but lacking some uniformity in size.	17-24	14-18	Good bloom but plants too close together and are crowding each other.
<i>Tagetes erecta</i> (Marigold) 'Perfection Mix'	GS	**18-22	**12-15	Good vigor and bloom.	17-29	20-28	Big, bushy and falling over but bloom alright.
<i>Tagetes erecta</i> (Marigold) 'Whopper Gold'	Pk	11-20	8-14	One really small plant otherwise it's doing well.	28-32	18-20	Good bloom but plants too close together and are crowding each other.
<i>Tagetes erecta</i> (Marigold) 'Whopper Orange'	Pk	12-20	11-18	Not uniform in size or bloom.	25-38	18-20	Same as 'Whopper Gold'.
<i>Tagetes erecta</i> (Marigold) 'Whopper Yellow'	Pk	*19-20	*18-20	Good size uniformity and vigor but bloom not great.	20-24	25-36	Bloom alright but plants are falling over.
<i>Tagetes patula</i> (French Marigold) 'Aurora Mix'	Pk	3-10	6-10	Something is eating a few of these.	7-11	9-12	Crowded by fountain grass and lacking some size uniformity.
<i>Tagetes patula</i> (French Marigold) 'Golden Guardian'	Pk	24-26	32-36	Good vigor but few flowers.	30-32	36-40+	Bloom alright but plants are bushy and falling over.
<i>Tagetes patula</i> (French Marigold) 'Janie Deep Orange'	Pk	3-8	6-12	Not uniform in size.	8-12	8-15	Some Aster Yellows; good bloom.
<i>Tagetes patula</i> (French Marigold) 'Janie Flame'	Pk	4-10	6-12	Not uniform in size or bloom time.	*9-13	*11-18	Good bloom but not uniform in size.

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Seed/Plant Source	July 27			September 6			
	Height	Spread	Comments	Height	Spread	Comments	
<i>Genus speciosus</i> 'Cultivar'							
<i>Tagetes patula</i> (French Marigold)							
'Janie Gold'	Pk	3-13	4-14	Not uniform in size.	*12-16	*13-17	Good bloom but not uniform in size.
<i>Tagetes patula</i> (French Marigold)							
'Janie Harmony Improved'	Pk	6-7	9-13	Doing alright.	8-10	18-20	Good bloom but some Aster Yellows.
<i>Tagetes patula</i> (French Marigold)							
'Janie Primrose'	Pk	5-6	8-11	Not as uniform in size as some other marigolds.	*6-12	*12-16	Good bloom but not uniform in size.
<i>Tagetes patula</i> (French Marigold)							
'Janie Yellow'	Pk	6-8	6-8	Doing alright.	10-12	12-15	Crowded by 'Golden Guardian'.
<i>Tagetes patula</i> (French Marigold)							
'Yellow Boy'	Ag	**7-9	**10-12	Good bloom and size uniformity.	8-12	8-16	Not uniform in size or bloom.
<i>Thunbergia alata</i> - Black-eyed							
Susan Vine	Pk	**Vining to 24"		Good vigor and bloom.	** ( )		Good vigor and bloom.
<i>Thunbergia alata</i> 'Blushing Susie'	Pk	*Vining to 30"		Good vigor but few flowers.	** ( )		Good vigor and bloom.
<i>Thunbergia alata</i> 'Sunrise Surprise'	Pk	*Vining to 30"		Good vigor but few flowers.	** ( )		Good vigor and bloom.
<i>Thunbergia alata</i> 'White-eyed	Pk	**Vining to 20"		Best bloom of the four <i>Thunbergia</i> .	** ( )		Good vigor and bloom.
<i>Tithonia rotundifolia</i> 'Fiesta del Sol'	AAS '00	*16-27	*18-30	Good vigor but bloom time and size uniformity could be better.	*27-36	*32-40	Good vigor and bloom but lacking uniformity in height.
<i>Tropaeolum majus</i> (Nasturtium)							
'Alaska Gold'	Pk	3-8	3-12	Buggy and no vigor.	6-14	5-18	Only 3 plants-1 nice and 2 small; no flowers.
<i>Verbena bonariensis</i>	Pk	**28-30	**36-40	Nice!	**32-36	**38-40	Good vigor, bloom and size uniformity.
<i>Verbena x hybrida</i> 'Garden Leader Lavender Blue'	Gri	**5-6	**28-30	Nice show with good vigor and bloom.	10-12	40-42	Good vigor but few blooms.
<i>Verbena x hybrida</i> 'Lanai Blue'	FG	**5-6	**14-16	Good bloom, vigor and size uniformity.	**7-8	**18-20	Very nice.
<i>Verbena x hybrida</i> 'Lanai Cherry Red'	FG	**5-6	**16-18	Nice and bright!	**8-10	**18-20	Very nice.
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	FG	**6-8	**18-20	Very good vigor and bloom.	**10-13	**20-22	Nicest verbena right now; great vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Peach'	FG	**4-5	**18-20	Nicer here right now than in Dickinson.	*6-8	*16-18	Nice but not as vigorous or floriferous as a few other 'Lanai' verbena.
<i>Verbena x hybrida</i> 'Lanai Purple Mosaic'	FG	5-6	12-15	Not as vigorous or floriferous as other 'Lanai' verbena.	4-5	8-10	Least vigorous of the verbena here.
<i>Verbena x hybrida</i> 'Lanai Red '07'	FG	*7-9	*16-18	Good vigor but not as floriferous as 'Lanai Blue', 'Lanai Cherry Red' or 'Lanai Lavender Star'.	8-10	18-22	Good vigor but not much bloom right now.
<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	FG	**9-10	**11-13	Nice plants!	**10-12	**14-16	Good bloom, vigor and size uniformity.
<i>Verbena x hybrida</i> 'Lanai Upright Purple Mosaic'	FG	5-8	7-12	Not as floriferous or uniform in size as 'Lanai Upright Magenta'.	*10-11	*15-18	Not as floriferous as 'Lanai Upright Magenta' but good vigor and size uniformity.

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Seed/Plant Source		July 27			September 6		
		Height	Spread	Comments	Height	Spread	Comments
<i>Verbena speciosa</i> 'Cultivar'							
<i>Verbena x hybrida</i> 'Rapunzel Purple'	FG	3-5	13-15	Doing alright but not as floriferous as 'Lanai' verbena.	5-7	18-20	Hardly any blooms right now but good vigor.
<i>Verbena x hybrida</i> 'Rapunzel Violet '06'	FG	3-5	10-16	Similar to 'Rapunzel Purple'; not as uniform in size as some others.	**6-7	**18-20	Good bloom, vigor and size uniformity.
<i>Verbena tenuisecta</i> 'Imagination'	Pk	7-9	13-20	Not uniform in size but bloom alright.	9-11	32-36	Not much bloom and being crowded by <i>Verbena bonariensis</i> .
<i>Viola Fl</i> 'Skippy XL Red-Gold'	AAS '06	*5-8	*6-9	Great bloom but not uniform in size.	*8-10	*9-12	Good bloom and vigor but powdery mildew present.
<i>Viola witrockiana</i> (Pansy) 'Frosty Rain'	PAS	*5-8	*8-12	Great bloom but size uniformity poor.	**9-11	**12-15	Great bloom but powdery mildew present.
<i>Viola witrockiana</i> (Pansy) 'Majestic Giants Mixed'	AAS '66	5-7	6-9	Good bloom and color mix.	**7-11	**8-12	Good color mix and bloom.
<i>Viola witrockiana</i> (Pansy) 'Ultimo Morpho'	AAS '02	4-6	4-8	Not uniform in size, bloom or vigor.	**7-9	**12-14	Good bloom and fairly uniform in size.
<i>Zinnia angustifolia</i> 'Crystal White'	AAS '97	7-9	8-12	Not uniform in bloom or size; more vigor than 'Crystal Yellow'.	*8-12	*12-16	Good bloom but not as uniform in size as other zinnia.
<i>Zinnia angustifolia</i> 'Crystal Yellow'	Pk	6-7	6-9	Doing alright.	**7-10	**9-13	Floriferous and vigorous.
<i>Zinnia elegans</i> 'California Giant'	Ag	18-22	14-16	Bloom and vigor not as good as other zinnia.	**30-32	**18-20	Looks good but powdery mildew present.
<i>Zinnia elegans</i> 'Cupidon'	Ag	6-19	7-15	Not uniform in size or bloom time.	**17-26	**14-18	Good bloom but being crowded by other zinnia.
<i>Zinnia elegans</i> 'Dahlia Flowered Mix'	Pk	**25-28	**18-21	Good bloom, color mix and vigor.	**30-38	**20-24	Good bloom and vigor but powdery mildew present.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	*9-12	*10-14	Good bloom and vigor but lacking size uniformity.	**12-18	**13-18	Good bloom and show but powdery mildew present.
<i>Zinnia elegans</i> 'Magellan Mix'	Pk	**9-12	**10-13	Nice little plants but being overtaken by neighboring zinnia.	14-17	14-18	Good color mix but being crowded by other zinnia.
<i>Zinnia elegans</i> 'Park's Picks Mix'	Pk	*26-30	*to 28	Good vigor but not as floriferous as other zinnia.	**30-34	**18-20	Good bloom but powdery mildew present.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	*10-18	*11-18	Nice bloom and pretty flower but lacking uniformity in height.	**24-26	**17-20	Good bloom and vigor but a bit crowded by neighboring zinnia.
<i>Zinnia</i> hybrid 'Profusion White'	AAS '01	5-9	9-12	Just starting to bloom and not uniform in size.	**10-12	**18-21	Nice!

## 2006 Site Evaluations and Measurements-Dickinson, ND

Note-An \* preceding a cultivar measurement indicates good performance but lacking somewhat in size uniformity or bloom time, \*\* indicates a top performer with good bloom, vigor and uniformity; \*\*\* indicates outstanding performance. All measurements are in inches except where noted and ( ) indicates missing data. Seed/plant source list is on the last page of the report.

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Genus species 'Cultivar'	Seed/Plant Source	July 13			September 14, 15		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	FG	**10-12	**17-20	Good bloom and vigor.	7-10	19-20	Some powdery mildew-not uniform in size.
<i>Agastache foeniculum</i> 'Golden Jubilee'	AAS '03	5-8	4-7	Not much vigor yet and no bloom.	16-25	9-17	Doing alright but not too uniform in size.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	7-15	7-15	Not uniform in size and no bloom.	14-34	7-11	Bugs and disease present; not uniform in size.
<i>Angelonia angustifolia</i> 'Serena Purple'	PAS	7-9	6-8	Doing alright; plants are small but uniform in size.	**13-17	**13-15	Very good vigor, bloom and show.
<i>Begonia semperflorens</i> 'Nightlife Mix'	Ben	5-7	6-8	Good bloom.	**9-12	**9-13	Good bloom and vigor but size difference between colors.
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	Ben	**5-7	**4-8	Nice with good bloom and vigor.	**10-12	**12-14	Very nice.
<i>Begonia semperflorens</i> 'Sprint Scarlet'	Ben	**6-7	**7-8	Good bloom and uniform in size.	**7-10	**9-12	Nice.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	FG	4-5	7-9	Not doing that well right now.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Orange'	FG	5-7	8-12	Not very healthy.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Sunrise'	FG	6-8	12-15	Best of the 4 calibrachoa here but not much bloom yet.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Yellow'	FG	5-7	9-12	Doing alright with uniform size and bloom.	---	---	Died.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	AAS '02	**7-9	**8-9	Good vigor and uniformity and lots of yellow peppers.	**7-9	**9-11	Good bloom, vigor and pepper production.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3-5	3-5	Not much vigor or bloom.	4-7	6-9	Poorest vinca here.
<i>Catharanthus roseus</i> (Vinca) 'Garden Leader Sunsplash Red'	Gri	3-5	3-5	Not much vigor or bloom.	6-9	7-10	One plant of six is small, otherwise performance is alright.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	AAS '03	2-4	2-5	No vigor or blooms.	5-8	5-9	Small and not much bloom.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Scarlet Eye'	AAS '02	4-5	4-5	Best of the vinca here but still not all that great.	*10-12	*10-14	Best of the vinca here-good bloom and size uniformity.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	3-5	3-5	Not much vigor or many blooms.	*9-10	*11-17	Bloom good but could be more uniform in size.
<i>Celostia plumosa</i> 'Fresh Look Gold'	AAS '07	*6-9	*6-9	Doing alright.	**13-19	**13-15	Good bloom, vigor and size uniformity.
<i>Celostia plumosa</i> 'Fresh Look Red'	AAS '04	*7-9	*7-12	Good bloom.	**14-18	**13-16	Looks nice!
<i>Celostia plumosa</i> 'Fresh Look							

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Genus species 'Cultivar'	Seed/Plant Source	July 13			September 14, 15		
		Height	Spread	Comments	Height	Spread	Comments
<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	PAS	**7-11	**6-8	Very nice here.	**26-27	**20-24	Doing very well.
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	*7-8	*7-8	Good size uniformity but bloom could be better.	8-11	9-12	Past peak bloom but nice little plants.
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	PAS	*12-13	*10-11	Good size uniformity but bloom could be better.	*15-18	*14-18	Nice plants but a bit past peak bloom and should be deadheaded.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	*11-13	*8-10	Good vigor but not many blooms.	10-13	14-16	Good vigor but needs deadheading.
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	AAS '03	*5-6	*5-6	Good bloom but small plants.	7-8	7-11	Not uniform in bloom time or size.
<i>Dianthus chinensis</i> 'Garden Leader Sundae Cherryberry'	Gri	**5-7	**6-8	Small but very nice bloom.	4-7	4-8	Not uniform in size but flowers are nice.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	**5-6	**6-8	Looks good.	5-7	7-9	Doing alright.
<i>Diascia barberae</i> 'Darla Deep Salmon'	FG	4-6	3-6	Poor-no vigor.	---	---	Died.
<i>Diascia barberae</i> 'Darla Light Pink'	FG	8-11	9-10	Not as vigorous as last year.	8-9	12-13	Not as vigorous here as in Fargo or Williston.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	4-5	5-9	Lots of buds but not many open flowers right now; not uniform in size.	7-8	10-14	Nice little plants but past peak bloom and looks like one may have Aster Yellows.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	6-10	9-15	Not uniform in size and not many blooms.	**12-15	**24-28	Nice with good bloom and vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Bright Pink'	FG	4-5	4-7	Doing alright.	4-6	6-8	Alright-uniform in size.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Deep Purple'	FG	4-5	5-7	Fairly uniform in size and bloom alright.	5-6	3-9	Not much bloom and 1 plant is really small.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Light Pink '06'	FG	3-4	5-6	Nice little plants; best bloom of the New Guineas here.	4-6	6-8	Size uniformity is good.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Magic Pink'	FG	2-3	4-5	Smaller than others here but bloom is alright.	3-4	4-6	Still small compared to the others.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple '06'	FG	4-5	4-7	Bloom good; color nice and bright.	7-8	5-10	Best bloom of the New Guineas here.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	FG	4-5	5-7	Neat color but bloom not uniform.	4-6	6-11	Doing alright but nicer in Fargo.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Burgundy'	FG	4-5	5-6	Not as floriferous as some other New Guineas here.	6-7	10-12	Good vigor but few blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Dark Salmon '06'	FG	4-5	5-7	Bloom not that great.	6-7	7-9	Doing alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Deep Purple'	FG	4-5	6-7	Good vigor and size uniformity.	6-7	7-9	Uniform in size but few blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Pastel Pink '04'	FG	4-5	6-8	Looks good.	6-7	10-12	Most vigorous of the New Guineas here.

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Genus species 'Cultivar'	Seed/Plant Source	July 13			September 14, 15		
		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Salmon Ice '06'	FG	4-5	6-8	Doing alright.	6-7	8-10	Looks good.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange'	FG	3-5	5-7	Good bloom but not uniform in size.	5-6	7-9	Doing alright.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Red II'	FG	2-3	3-5	Smallest of the mini-impatiens here.	2-3	4-6	Still least vigorous of the 4 mini-impatiens.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'	FG	3-5	5-8	Good vigor and bloom but not uniform in size.	**5-6	**8-12	Best of the mini-impatiens here.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Watermelon'	FG	3-5	5-7	Bright color and good bloom.	5-7	7-9	Not too bad.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	Unk	**7-10	**20-24	Good vigor and spread.	**10-11	**42-50	Nice but not as vigorous as 'Marguerite'.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	Unk	**9-10	**30-40	Good vigor and spread.	**12-14	**60+	Very, very vigorous and showy.
<i>Lobelia erinus</i> 'Techno Blue'	FG	**2-3	**11-13	Nice show of blue.	4-6	8-12	Declining-not as nice now as earlier.
<i>Lobelia erinus</i> 'Techno White'	FG	*3-4	*11-13	Not as showy as the blue.	3-4	8-12	Dying.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	8-15	9-14	Three really nice plants and three smaller with few flowers.	**18-20	**28-30	Great bloom and show.
<i>Osteospermum ecklonis</i> 'Tradewinds Pure Yellow'	FG	10-12	8-10	Poor bloom right now and plants smaller than 'Tradewinds White'.	18-19	22-24	Not much bloom; slightly more vigor here than Williston.
<i>Osteospermum ecklonis</i> 'Tradewinds White '06'	FG	*11-14	*14-16	Good vigor and bloom but not uniform in size.	20-22	26-28	Good vigor but few blooms.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	FG	*7-9	*10-13	Good bloom but not as showy as some others.	10-11	14-18	Nice plants but color not as showy as others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	AAS '02	*7-10	*8-12	Good vigor but bloom could be better.	**16-17	**24-25	Nice with good bloom, vigor and uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	FG	**7-10	**12-15	Good vigor and neat color on foliage.	**16-18	**25-28	Showy!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse White Splash'	FG	5-6	7-9	Pretty flowers but not as vigorous or floriferous as some others.	7-9	9-14	Not much bloom and not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'	FG	6-9	7-9	Small plants; color showier than 'Graffiti Double White'.	**10-11	**17-19	Good bloom, vigor and uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'	FG	*6-9	*7-9	Small plants but good bloom.	11-12	13-15	Alright but not as floriferous or vigorous as some others.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'	FG	6-9	9-11	Bloom not as good as on 'Graffiti White'.	**16-18	**17-20	Good vigor, bloom and uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'	FG	7-9	10-12	Good bloom on small plants.	**13-15	**19-20	Good vigor, bloom and uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'	FG	7-9	11-13	Foliage not as striking as 'Crystal Palace Gem' but nice little plants.	**12-13	**20-23	Good vigor and very showy.

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Seed/Plant Source	July 13			September 14, 15		
	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	*8-10	*11-13	Nice but lacking some uniformity in bloom.	**16-18	**22-24	Very vigorous and huge blooms.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	**7-9	**13-15	Good bloom, vigor and uniformity.	*13-15	*16-19	Good vigor and huge blooms.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Pink'	**8-10	**11-14	Good bloom and vigor.	10-12	20-22	Good vigor but needs deadheading.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	**10-13	**13-15	Good vigor and bloom.	**18-19	**24-26	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Swing'	6-8	8-10	Good bloom and nice bright color but not as vigorous as some others.	6-8	12-16	Not uniform in size or bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Orchid'	*7-9	*10-12	Not as vigorous as others but bloom good.	6-10	11-16	Not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	*7-9	*10-12	Bloom good but not as vigorous as some others.	5-11	6-16	Not uniform in size; bloom good on all but one plant.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red'	8-10	11-13	Flower color is nice and bright but plants aren't as vigorous as some others.	*11-17	**15-20	Good show of red but size uniformity could be better.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Compact Burgundy'	3-5	10-14	Not much vigor or many blooms yet.	8-9	20-22	More vigor in Williston.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Pink Spirit'	7-9	8-10	Not much vigor or many blooms yet.	7-10	12-14	Not too vigorous.
<i>Pennisetum glaucum</i> 'Purple Majesty'	**40-52	**12-20	Not doing too bad this year-fairly good vigor and plumage.	*to 5'	*12-16	Not doing too bad.
<i>Pennisetum setaceum</i> (Fountain Grass) 'Pk'	**20-23	**25-30	Looks nice with good vigor and plumage.	**42-46	**40-42	Very nice and showy.
<i>Penstemon hartwegii</i> 'Phoenix Pink'	12-19	7-10	Alright but not uniform in size or bloom.	19-22	13-15	Past peak bloom.
<i>Penstemon hartwegii</i> 'Phoenix Violet'	15-20	7-10	Doing better in Fargo but alright here.	20-24	13-15	Past peak bloom.
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	AAS '03	4-5	Not as vigorous as the other petunias.	**6-7	**24-30	Nice show of color.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	PAS	**3-4	Nice!	7-8	15-20	Dying-kept too wet?
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	FG	6-8	Not as vigorous or floriferous as some others.	11-13	36-38	Yellowing.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	FG	**6-10	Good bloom and size uniformity.	**11-13	**36-40	Nice!
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Violet'	FG	**6-8	Good bloom, vigor and uniformity.	6-8	28-30	Yellowing-too wet?
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	FG	**5-8	Good bloom and vigor.	**11-13	**36-40	Good bloom and vigor.
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	AAS '02	*2-3	Good bloom but not uniform in spread.	**5-6	**28-30	Looks good!

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Seed/Plant Source	July 13			September 14, 15			
	Height	Spread	Comments	Height	Spread	Comments	
<i>Genus species</i> 'Cultivar'							
<i>Petunia hybrida</i> (Grandiflora)							
'Limbo Violet'	AAS '04	4-7	7-10	Not uniform in bloom or size but good vigor.	**8-9	**18-20	Good bloom, vigor and uniformity.
<i>Petunia hybrida</i> (Multiflora)							
'Merlin Blue Morn'	AAS '03	6-9	9-14	Not uniform in size but flowers pretty.	9-12	23-24	Good bloom but falling over from the center.
<i>Petunia hybrida</i> (Spreading) 'Opera							
Supreme Pink Morn'	AAS '07	2-3	9-18	Not many blooms right now and not uniform in spread.	**8-10	**36-40	Good vigor and bloom.
<i>Petunia hybrida</i> (Spreading)							
'Purple Wave'	AAS '95	*2-3	*15-20	Good bloom but not uniform in size.	**6-7	**33-36	Very nice.
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal							
Wave Silver'	AAS '02	**8-14	**21-36	Nice and vigorous-as usual.	**13-15	**48-50	Very vigorous and floriferous as usual.
<i>Petunia hybrida</i> (Grandiflora)							
'Ultra Crimson Star'	AAS '88	7-8	10-13	Doing alright-pretty flowers.	*11-13	*24-26	Good bloom but a bit leggy.
<i>Petunia hybrida</i> (Mini-flowered							
Trailing) 'Whispers Appleblossom'	FG	**5-7	**10-14	Nice!	9-10	21-23	Nicer in Fargo and Williston.
<i>Petunia hybrida</i> (Mini-flowered							
Trailing) 'Whispers Burgundy '06'	FG	2-5	8-10	No vigor.	5-6	14-16	Poor.
<i>Petunia hybrida</i> (Mini-flowered							
Trailing) 'Whispers Pink'	FG	6-8	12-14	Yellowing foliage but bloom alright.	5-7	25-30	Yellowish foliage; dying.
<i>Petunia hybrida</i> (Mini-flowered							
Trailing) 'Whispers Red'	FG	**7-11	**11-14	Very good bloom.	**11-12	**28-30	Good bloom, vigor and uniformity.
<i>Petunia hybrida</i> (Mini-flowered							
Trailing) 'Whispers White'	FG	**5-7	**13-15	Very nice.	8-9	22-24	Yellowing foliage.
<i>Rudbeckia hirta</i> (Black-eyed							
Susan) 'Cherokee Sunset'	AAS '02	10-13	9-13	Not uniform in bloom.	18-20	15-20	Not uniform in size or vigor; one plant falling over.
<i>Rudbeckia hirta</i> (Black-eyed							
Susan) 'Corona'	Ben	5-9	8-10	One really small plant, otherwise alright.	8-17	9-15	Not uniform in size or bloom and some are dying.
<i>Salvia farinacea</i> 'Evolution'							
'Garden Leader	AAS '06	*8-13	*8-13	Lacking uniformity in size but bloom alright.	9-18	9-12	Only two plants left and only one with any vigor.
<i>Salvia splendens</i> 'Garden Leader							
Firecracker Orange'	Gri	7-10	7-10	Vigor is ok but bloom not that good.	**15-17	**14-18	Very good vigor, bloom and uniformity.
<i>Salvia splendens</i> 'Red Hot Sally II'							
'Bombay Light	Ball	**7-9	**8-10	Good vigor and bloom better than 'Garden Leader	**14-16	**17-20	Very good show.
<i>Scaveola aemula</i> 'Bombay Light							
Blue'	FG	2-4	11-13	Alright but not great.	*6-8	*26-29	Good vigor here but a bit nicer in Williston.
<i>Stipa tenuissima</i> 'Ponytails'							
'Garden Leader	Pk	8-16	7-12	Nice but not uniform in maturity level of plants.	**20-22	**15-18	Very vigorous and nice.
<i>Verbena x hybrida</i> 'Garden Leader							
Lavender Blue'	Gri	**7-9	**18-20	Very good vigor and bloom.	**8-10	**40-42	Good vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Blue'							
'Lanai Cherry	FG	2-3	12-21	Not as floriferous or uniform in size as some other	7-8	20-22	Not as vigorous or floriferous as other verbena.
Red'	FG	2-3	12-15	Vigor alright but not much bloom.	*7-8	*22-25	Good vigor and bloom.

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Genus species 'Cultivar'	Seed/Plant Source	July 13			September 14, 15		
		Height	Spread	Comments	Height	Spread	Comments
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	FG	**6-8	**12-17	Good bloom, vigor and uniformity.	**8-9	**26-28	Looks good.
<i>Verbena x hybrida</i> 'Lanai Peach'	FG	1-2	10-14	Not many blooms.	4-5	23-24	Alright but not as vigorous as others.
<i>Verbena x hybrida</i> 'Lanai Purple Mosaic'	FG	2-3	8-10	Not much vigor or many blooms.	5-6	19-20	Doing alright but not as vigorous as some other verbena.
<i>Verbena x hybrida</i> 'Lanai Red '07'	FG	**7-9	**18-23	Nice!	*8-9	*36-40	Good vigor and bloom although the center lacks flowers.
<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	FG	**7-9	**10	Good bloom, vigor and uniformity.	10-12	13-15	Good uniformity and vigor but not many flowers.
<i>Verbena x hybrida</i> 'Lanai Upright Purple Mosaic'	FG	6-7	8-10	Good vigor but not many blooms.	9-11	21-24	Uniform in size but few blooms.
<i>Verbena x hybrida</i> 'Rapunzel Purple'	FG	1-2	9-13	No vigor or blooms.	*4-5	*26-28	Size uniformity and bloom are good.
<i>Verbena x hybrida</i> 'Rapunzel Violet '06'	FG	1-2	6-8	No vigor or blooms.	5-6	16-20	Not uniform in size or bloom.
<i>Viola Fl</i> 'Skippy XL Red-Gold'	AAS '06	2-3	3-5	Looks like rabbits have been eating these.	*7-8	*8-10	Good bloom and vigor.
<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'	PAS	2-3	4-6	Looks like rabbits have been eating these.	*5-8	*11-13	Some plants yellowing, otherwise doing alright.
<i>Viola wittrockiana</i> (Pansy) 'Majestic Giants Mixed'	AAS '66	1-2	1-2	Looks like rabbits have been eating these.	---	---	Gone.
<i>Viola wittrockiana</i> (Pansy) 'Ultimo Morpho'	AAS '02	2-3	2-3	Rabbit damage.	4-6	5-7	Yellowing foliage and not uniform in size.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	**9-10	**10-12	Good bloom and vigor.	10-17	10-19	Poor-dying.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	**10-12	**12-15	Good bloom and vigor.	10-22	10-25	Not uniform in size or vigor.

## 2006 Site Evaluations and Measurements-Williston, ND

Note-An \* preceding a cultivar measurement indicates good performance but size uniformity was lacking or bloom time was not uniform; \*\* indicates a top performer with good bloom, vigor and uniformity, \*\*\* indicates an outstanding performer. All measurements are in inches except where noted and ( ) indicates missing data. Seed/plant source list is on the last page of the report.

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Genus species 'Cultivar'	Seed/Plant Source	July 14			September 14		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	FG	*8-10	*12-18	Doing well but a few smaller plants.	7-10	15-24	No powdery mildew here; good vigor but decline in bloom and not uniform in size.
<i>Agastache foeniculum</i> 'Golden Jubilee'	AAS '03	*12-15	*10-13	Much better here than Dickinson but not many blooms.	25-27	18-20	Good vigor but past peak bloom.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	11-20	12-20	Good vigor but no blooms yet-lots of buds, though.	24-29	15-18	Past peak bloom; disease present, also.
<i>Angelonia angustifolia</i> 'Serena Purple'	PAS	**9-10	**5-8	Small but floriferous and uniform in size-nice.	**13-14	**13-15	Nice show of purple.
<i>Begonia x hybrida</i> 'BabyWing White'	PAS	**7-8	**12-14	Looks good.	**8-9	**15-17	Not as vigorous as in Fargo but doing very well here.
<i>Begonia semperflorens</i> 'Nightlife Mix'	Ben	3-5	5-8	Performance alright but not great.	5-8	7-10	Not uniform in size.
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	Ben	3-4	5-8	Doing alright but not great.	*6-7	*7-9	Nice little plants.
<i>Begonia semperflorens</i> 'Sprint Scarlet'	Ben	3-6	5-8	Ok but not great.	*5-8	*7-9	Nice little plants.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	FG	6-7	15-17	Not as uniform in size or bloom as others.	**7-10	**28-30	Best of the <i>Calibrachoa</i> here.
<i>Calibrachoa x hybrida</i> 'Callie Orange'	FG	*4-5	*9-18	Good bloom but not uniform in spread.	**7-8	**20-22	Fountain grass is crowding it a bit but good bloom and vigor.
<i>Calibrachoa x hybrida</i> 'Callie Sunrise'	FG	**4-5	**16-20	Looks good.	5-7	20-22	Not as floriferous or vigorous as 'Callie Deep Yellow' or 'Callie Orange'.
<i>Calibrachoa x hybrida</i> 'Callie Yellow'	FG	**6	**14-16	Good uniformity in size and bloom.	6-8	16-18	Overcrowded by 'Jamboree White' petunia.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	10-12	6-10	Good vigor but not many blooms or peppers, yet.	**20-22	**17-20	Much nicer here than Fargo; good bloom, vigor and uniformity.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	AAS '02	*9-10	*5-8	Doing alright here but slightly more vigorous in Dickinson.	**9-11	**7-10	Could be more uniform in size but lots of peppers-very showy.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3-6	3-6	Not many blooms yet.	8-11	12-15	Not as nice as the other vinca here.
<i>Catharanthus roseus</i> (Vinca) 'Garden Leader Sunsplash Red'	Gri	4-7	5-8	Good vigor but not uniform in size.	**12-14	**15-17	Good bloom and uniformity; one plant with Aster Yellow's, though.
<i>Catharanthus roseus</i> (Vinca) 'Jaijo Dark Red'	AAS '03	3-5	3-6	No bloom yet.	6-10	4-13	Looks like two with Aster Yellow's; others are doing ok.
<i>Catharanthus roseus</i> (Vinca) 'Jaijo Scarlet Eye'	AAS '02	5-7	5-6	Doing alright but not as floriferous as other vinca.	**11-12	**11-13	Good vigor and bloom.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	5-7	6-9	Good vigor but not uniform in size.	**13-15	**14-16	Looks good!

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Genus species 'Cultivar'	Seed/Plant Source	July 14			September 14		
		Height	Spread	Comments	Height	Spread	Comments
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	8-12	4-8	Doing alright but it could be better.	*13-20	*13-19	Good bloom but not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	5-10	2-6	Not too vigorous yet.	6-14	5-11	Not uniform in size and blooms look 'dirty'.
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Blush'	AAS '02	15-20	13-15	Good vigor but not many blooms, yet.	34-36	28-30	Buggy but bloom is alright.
<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	PAS	4-9	3-5	Not too vigorous.	12-14	7-9	Still not much vigor.
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	**8-10	**9-10	Good size uniformity, vigor and bloom.	9-10	14-15	One really nice plant; others are past peak bloom.
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	PAS	**15-17	**10-11	Good bloom and vigor.	15-17	13-14	Good vigor but past peak bloom.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	10-12	8-10	Good vigor and uniformity but not much bloom yet.	12-15	12-17	Good vigor but not uniform in size or bloom.
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	AAS '03	**5-6	**7-10	Looks nice!	6-9	7-8	Good vigor but not uniform in bloom.
<i>Dianthus chinensis</i> 'Garden Leader Sundae Cherryberry'	Gri	**5-6	**7-10	Good bloom, vigor and size uniformity.	6-9	6-10	Not uniform in size or bloom right now.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	**6-8	**9-11	Good bloom and vigor.	*7-9	*8-11	Good bloom but not uniform in size.
<i>Diascia barberae</i> 'Darla Deep Salmon'	FG	7-8	9-11	Not as vigorous as 'Darla Light Pink'.	**10-11	**14-17	Nice!
<i>Diascia barberae</i> 'Darla Light Pink'	FG	**9-10	**10-13	Good bloom and vigor.	***13-15	***21-23	Beautiful!
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	6-10	11-13	Good vigor but just starting to bloom.	10-12	12-17	Not uniform in size and past peak bloom.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	**12-15	**15-22	Good vigor and bloom.	**15-17	**21-24	Good vigor and bloom.
<i>Gypsophila muralis</i> 'Gypsy Deep Rose'	AAS '04	**3-4	**8-10	Looks nice!	*4-5	*9-11	Nicer here than in Fargo but not uniform in bloom time.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Bright Pink'	FG	4-5	4-7	More bloom than 'Sonic Light Pink'.	3-4	5-7	Best of the 'Sonics' here; bloom ok.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Deep Purple'	FG	4-5	5-7	Doing alright.	3-4	5-7	No blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Light Pink '06'	FG	4-5	4-7	Not uniform in size or bloom.	3-4	5-7	Fairly good bloom for here.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Magic Pink'	FG	3-4	5-6	Not as vigorous or floriferous as the others.	3-4	5-7	Doing alright but not great.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple '06'	FG	4-5	7-8	Doing alright.	3-4	5-6	Doing alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	FG	4-5	5-8	Not as floriferous as some others.	3-4	5-7	Much nicer in Fargo.

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Genus species 'Cultivar'	Seed/Plant Source	July 14			September 14		
		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Burgundy'	FG	4-5	7-9	Bloom and vigor alright.	5-6	5-9	Only a few flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Dark Salmon '06'	FG	4-5	7-9	Doing ok.	3-4	5-7	Only a few flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Deep Purple'	FG	4-5	7-9	Bloom and vigor alright.	3-4	5-7	Not many flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Pastel Pink '04'	FG	3-5	6-9	Not quite as floriferous as some others.	3-4	5-7	Better bloom than most others here.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Salmon Ice '06'	FG	5-6	8-9	A little more vigor than other 'Super Sonics' here.	6-7	8-9	Best of the New Guineas here.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange'	FG	3-5	6-9	Best of the mini-impatiens here.	4-5	7-11	Bloom ok.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Red II'	FG	1-2	3-6	Small-not much vigor.	2-3	5-7	Least vigorous of the mini-impatiens.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Salmon II'	FG	2-3	6-9	Doing alright.	2-3	7-9	Bloom ok.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Watermelon'	FG	2-3	6-9	Not uniform in size but bloom good.	3-4	7-10	Bloom and vigor good.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	Unk	**7	**18-22	Looks nice!	** ( )	** ( )	Nice but not as vigorous as 'Marguerite'.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Marguerite'	Unk	**7-12	**30-36	Good vigor and show of color.	** ( )	** ( )	Very vigorous and showy.
<i>Lobelia erinus</i> 'Techno Blue'	FG	3-4	8-12	Ok here but better in Dickinson.	3-5	6-9	Dying.
<i>Lobelia erinus</i> 'Techno White'	FG	*3-4	*12-15	Nice but one plant dying.	4-7	13-20	Alright but not uniform in size.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	**12-16	**10-14	Looks nice with good bloom and vigor.	**18-20	**18-20	Good bloom and vigor; flowers more open at the end of the day.
<i>Osteospermum ecklonis</i> 'Tradewinds Pure Yellow'	FG	10-12	8-10	Not as nice as 'Tradewinds Pure White'.	12-13	12-15	Few blooms and vigor declining.
<i>Osteospermum ecklonis</i> 'Tradewinds White '06'	FG	**10-12	**12-15	Floriferous, vigorous and nice.	15-16	21-23	Good vigor but few blooms right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	FG	**8-10	**12-13	Good bloom, vigor and size uniformity.	11-14	14-16	Not uniform in height; not as floriferous as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	AAS '02	**8-12	**9-12	Good bloom, vigor and size uniformity.	**18-19	**20-22	Very nice!
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Crystal Palace Gem'	FG	**9-11	**13-16	Good bloom, vigor and size uniformity.	**20-22	**30-32	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse White Splash'	FG	*6-7	*8-10	Good vigor but not as floriferous as some others.	**8-9	**13-15	Good size uniformity and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'	FG	**9-11	**12-15	Nice bloom, vigor and size uniformity.	**18-20	**20-22	Good bloom, size uniformity and vigor.

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Seed/Plant Source	July 14			September 14		
	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double White'	**9-11	**11-13	Good bloom, vigor and size uniformity.	*13-15	*17-18	Not as vigorous as 'Graffiti Salmon' but otherwise alright.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Salmon'	**10-12	**13-15	Good bloom, vigor and size uniformity.	**18-20	**20-22	Good bloom, vigor and size uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti White'	**9-11	**12-14	Nice!	**18-20	**20-22	Flowers with a pink tinge; good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Happy Thought'	**8-10	**11-13	Good bloom and vigor.	**15-16	**18-20	Good bloom, vigor and size uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	**8-10	**12-15	Nice!	*16-18	*18-20	Good vigor; flowers are like big, red balls.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	**8-9	**12-14	Good bloom, vigor and size uniformity.	*13-15	*20-24	Good vigor; slight decline in bloom from July.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Pink'	**9-11	**11-13	Good vigor and bloom.	*13-15	*18-20	Good vigor but slight decline in bloom from July.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Scarlet'	**12-13	**14-15	Good bloom, vigor and size uniformity.	**17-19	**19-21	Good vigor and bloom; fountain grass next to it is a little overbearing.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Swing'	**7-10	**10-13	Good bloom, vigor and size uniformity.	8-10	15-17	Good vigor but lull in bloom right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Orchid'	**6-7	*8-10	Good bloom on smaller plants.	*9-13	*15-17	Good bloom but not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	**6-7	**9-11	Good bloom on smaller plants.	*8-10	*15-20	Good bloom but not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red'	**7-9	**9-11	Huge blooms!	*10-12	*13-15	Fairly uniform in size; bloom not as good as other 'Tango' geraniums here.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Compact Burgundy'	7-10	12-20	Good vigor but blooms not showy.	*11-12	*33-36	Nicer here than in Fargo.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Pink Spirit'	5-7	10-13	Better here than in Dickinson.	11-12	20-22	Good bloom but being crowded by neighboring plants.
<i>Pennisetum glaucum</i> 'Purple Majesty'	**42-44	**18-24	So far this looks good.	40-42	15-17	Good seed heads but plant is drying up a bit-looks like spider mite damage.
<i>Pennisetum setaceum</i> (Fountain Grass)	**22-24	**17-20	Good vigor and uniformity.	**40-42	**33-36	Very nice!
<i>Penstemon hartwegii</i> 'Phoenix Pink'	15-20	8-10	Not much bloom right now.	22-24	12-14	Good vigor but past peak bloom.
<i>Penstemon hartwegii</i> 'Phoenix Violet'	*18-20	*8-10	More bloom than 'Phoenix Pink'; good vigor.	18-22	12-14	Good vigor but past peak bloom.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	**7	**30-32	Nice!	**11-13	**to 50	Very, very nice with great vigor and bloom.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	**5-7	**25-30	Very good vigor and bloom.	**8-10	**40-42	Best of the 'Jamborees' in Williston.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	**8-9	**24-28	Very good vigor and bloom.	**7-9	**34-36	Very nice!

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Seed/Plant Source	July 14			September 14		
	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Violet'	*8-9	*18-30	Nice but not as uniform in size or floriferous as the other 'Jamboree' petunias.	*7-9	*22-24	Doing ok but getting crowded by 'Jamboree Light Blue' and 'Jamboree White'.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree White II'	***9	***28-30	Very, very nice show of white.	**10-12	**38-40	Still nice but a little bit open in the middle.
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	**3-5	**18-30	Good vigor, bloom and uniformity.	**8-10	**40-42	Good vigor, bloom and size uniformity.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	**7	**15	Very uniform in size and good bloom.	6-8	18-22	Plants dying-only 2 nice plants.
<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	*10-12	*18-20	Good bloom but slightly leggy.	*12-14	*30-36	Good bloom but plants a bit leggy and falling over a bit.
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	**5-7	**30-36	Looks good!	**10-12	**48-40	Very vigorous and floriferous.
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	**5	**30-36	Good vigor and bloom.	*7-8	*28-30	Crowded by petunias 'Easy Wave Coral Reef' and 'Opera Supreme Pink Morn'.
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	**10	**36-40	Good bloom, vigor and size uniformity.	**16-20	**to 53	Very vigorous and floriferous.
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	9-10	15-18	Not as vigorous as the others but pretty flowers.	11-13	15-20	Pretty flowers but not much vigor.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Appleblossom'	**8-9	**17-20	Good vigor, bloom and uniformity.	**11-13	**42-46	Very nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Burgundy '06'	3-4	7-10	Poor-no vigor.	6-8	10-12	No vigor-hard to see because it's being crowded out by it's neighbors.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Pink'	**7-10	**19-23	Good vigor, bloom and uniformity.	**11-13	**38-42	Nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	**7-10	**18-22	Good vigor, bloom and uniformity.	**11-13	**28-30	Nice show of red.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'	**7-9	**29-30	Nice show!	**11-13	**23-40	Most vigorous of the 'Whisper' petunias in Williston.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'	13-19	9-14	Good vigor but just starting to bloom.	**16-20	**18-20	Great bloom!
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Corona'	**10-12	**9-11	Good bloom right now.	11-12	11-13	Good bloom but some plants dying.
<i>Salvia farinacea</i> 'Evolution'	*9-19	*8-12	Good bloom but not uniform in size.	**18-25	**20-22	Great show of blue!
<i>Salvia splendens</i> 'Garden Leader Firecracker Orange'	6-9	7-9	Not as floriferous or uniform as 'Red Hot Sally II'.	**15-18	**12-14	Good vigor, bloom and size uniformity.
<i>Salvia splendens</i> 'Red Hot Sally II'	**8-10	**7-10	Good bloom and size uniformity.	**12-14	**14-16	Very nice show of red.
<i>Scaveola aemula</i> 'Bombay Light Blue'	4-6	18-20	Nicer here than Dickinson; one pink plant.	**5-6	**26-28	Much nicer here than in Fargo.
<i>Stipa tenuissima</i> 'Ponytails'	**18-21	**6-8	Good vigor and size uniformity.	**28-30	**14-16	Very nice!

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Genus species 'Cultivar'	Seed/Plant Source	July 14			September 14		
		Height	Spread	Comments	Height	Spread	Comments
<i>Verbena x hybrida</i> 'Garden Leader Lavender Blue'	Gri	**9-10	**30-36	Good vigor and bloom.	8-10	33-36	Good vigor but bloom has declined since July.
<i>Verbena x hybrida</i> 'Lanai Blue'	FG	**5-6	**18-20	Good vigor and bloom.	**9-10	**24-26	Very nice!
<i>Verbena x hybrida</i> 'Lanai Cherry Red'	FG	**5-6	**22-24	Nice!	**9-10	**22-24	Looks good!
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	FG	**7-9	**22-24	Very nice with good vigor and bloom.	**10-11	**24-26	Good vigor, bloom and size uniformity.
<i>Verbena x hybrida</i> 'Lanai Peach'	FG	*3-5	*20-21	Not as floriferous as other 'Lanai' verbena but good vigor.	**7-9	**28-30	Looks good!
<i>Verbena x hybrida</i> 'Lanai Purple Mosaic'	FG	*5-6	*14-16	Similar to 'Lanai Peach'-good vigor but not as much bloom as some others.	*5-7	*20-22	Not quite as vigorous as some others but bloom good.
<i>Verbena x hybrida</i> 'Lanai Red '07'	FG	**7-8	**23-25	Very, very nice!	*6-9	*36-40	Very vigorous but no flowers in the center of the plant.
<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	FG	**8-9	**10-12	Looks good.	**11-12	**20-22	Good bloom, vigor and size uniformity.
<i>Verbena x hybrida</i> 'Lanai Upright Purple Mosaic'	FG	**8-9	**12-14	Nice!	**11-12	**21-22	Good bloom, vigor and size uniformity.
<i>Verbena x hybrida</i> 'Rapunzel Purple'	FG	**3-5	**20-22	Looks good.	**5-6	**33-36	Nice!
<i>Verbena x hybrida</i> 'Rapunzel Violet '06'	FG	**5-6	**18-20	Good vigor, bloom and uniformity.	**5-7	**28-30	Good bloom, vigor and size uniformity.
<i>Viola F1</i> 'Skippy XL Red-Gold'	AAS '06	*4-5	*4-8	Good bloom but not uniform in size.	6-7	7-9	Not too vigorous-possible spider mite damage.
<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'	PAS	**4-6	**6-9	Nice little plants.	**7-9	**8-9	Good bloom and vigor.
<i>Viola wittrockiana</i> (Pansy) 'Majestic Giants Mixed'	AAS '66	3-5	3-7	Alright but not uniform in size or bloom.	5-7	5-7	Not too vigorous but bloom is alright.
<i>Viola wittrockiana</i> (Pansy) 'Ultimo Morpho'	AAS '02	*4-5	*3-7	Bloom good but could be more vigorous.	6-8	5-7	Not as floriferous or vigorous as pansy 'Frosty Rain'.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	**7-9	**10-13	Big flowers on small plants; good vigor and bloom.	*10-13	*13-16	Good bloom but not uniform in size.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	**13-16	**11-14	Looks good!	**20-22	**18-20	Nice!

## Seed Source List - 2006

Abbreviation	Company Name and Address	Abbreviation	Company Name and Address	Abbreviation	Company Name and Address
AAS	All-America Selections 311 Butterfield Road Suite 311 Downer's Grove, IL 60515	Da (W)	Daehnfelddt, Inc. P.O. Box 38 North Manchester, IN 47962	PAS (W)	PanAmerican Seed 622 Town Road West Chicago, IL 60185-2698
Ag (R)	AGWAY, Inc. P.O. Box 4746 Syracuse, NY 13221-4746	FG (W)	Fischer USA, Inc. 6899 Winchester Circle, Suite 102 Boulder, CO 80301	Pk (R)	Park Seed P.O. Box 31 Greenwood, SC 29646
Ball (W)	Ball Seed Company 622 Town Road West Chicago, IL 60185-2698	Gri (W)	Grimes Seeds and Plants 11335 Concord Hambden Road Concord, OH 44077	T&M (R)	Thompson and Morgan Seedsmen P.O. Box 1308 Jackson, NJ 08527-0308
Ben (W)	Ernst Benary of America, Inc. 1444 Larson Street Sycamore, IL 60178	GS (W)	Goldsmith Seeds, Inc. P.O. Box 1349 Gilroy, CA 95021	Unk	Unknown or used seed from an old seed source.
Bi (R)	Botanical Interests 660 Compton Street Broomfield, CO 80020 <a href="http://www.botanicalinterests.com">www.botanicalinterests.com</a>				

Note: An 'R' after the seed source abbreviation indicates a retail company while a 'W' indicates a wholesale or breeding company.