

# 2007 Cultivar Trials of Bedding Plants

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## Introduction

The Plant Sciences Department at NDSU conducted performance trials on over 300 annual bedding plants during the 2007 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 education, research and display purposes. The gardens were recently relocated and are still in the process of being completed. The annual, iris and daylily beds are finished, but the perennial and 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. Plants were taken out to Dickinson and Williston May 30 and 31 but rain prevented us from planting either station. The Williston staff got the plants into the ground on June 1, while the Dickinson staff planted June 2 and June 4. Fargo was planted May 24, 25 and June 4 and 5.

In Dickinson and Williston plants were watered in with Scotts Miracle-Gro® Liquafeed™ (12-4-8)<sup>1</sup> while Preen® Garden Weed Preventer Plus Fertilizer (9-17-9) was put down at the Fargo site. Preen was also put down at the Dickinson site. Fargo plants were fertilized once more in July with Miracle-Gro® Liquafeed™ while the Dickinson staff fertilized every two weeks through August.

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

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

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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.

Sevin® was applied in Fargo on the *Nicotiana* when Colorado potato beetles appeared in July. No insect or disease problems were reported from the other two stations.

### 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. The majority of the annual beds are raised with a loam-compost mix of soil. Drip irrigation using t-tape is built into the beds.

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.

There were no major disease problems at the Fargo site in 2007. Potato beetles infested the *Nicotiana* in July but one application of Sevin® controlled them.

Fargo had a record growing season in 2007. The first official temperature below 32°F (31°F) didn't come until October 22 which meant a growing season of over 180 days. The average growing season for Fargo is 130 days.

As seen in table 1, May and June brought warm and wet weather to the area. After mid-June, the rain tapered off and July was a bit drier than normal.

Table 1. 2007 and 1971-2000 May-August Average Temperature and Precipitation for Fargo, ND.<sup>2</sup>

	Average Temperature (°F)		Precipitation (inches)	
	2007	1971-2000	2007	Avg. 1971-2000
May	60	57.4	4.03	2.61
June	70	66.0	5.32	3.51
July	74	70.6	1.17	2.88
August	68	69.0	2.59	2.52

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

#### 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. Shade plants are grown in raised beds under natural shade provided by trees.

Although there were no major insect problems here in 2007, many petunias were showing yellowing foliage at the end of August. A soil test showed nothing unusual. A possible culprit could be over watering which will be monitored next year.

May brought quite a bit of precipitation but June, July and August were drier than normal. Temperatures for those four months were also a bit warmer than the 30 year average. Dickinson's growing season ended on September 14 when the low temperature reached 26.5°F.

Table 2. 2007 and 1971-2000 May-August Average Temperature and Precipitation for Dickinson, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2007	1971-2000	2007	Avg. 1971-2000
May	55	53.4	4.08	2.24
June	65	62.4	1.61	3.57
July	76	68.1	0.93	2.20
August	69	67.3	1.30	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, especially 'Americana Cherry Rose II' which was literally a solid mass of pink flowers in August. The petunias and calibrachoa were also very vigorous and floriferous. The shade plants under pine trees were not too vigorous this year. They are watered with drip irrigation but the competition

from the pine trees may still be too much. They never seem to perform as well here as in Fargo or Dickinson.

As with the rest of the state, precipitation was above average in May and then below average in June, July and August. Temperatures were average in June and August but above average in July. The growing season ended on September 14, with a temperature of 25.9°F.

Table 3. 2007 and 1971-2000 May-August Average Temperature and Precipitation for Williston, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2007	1971-2000	2007	Avg. 1971-2000
May	56	57.1	5.01	2.09
June	65	65.7	2.55	2.72
July	76	71.1	0.98	2.45
August	69	70.2	0.46	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.

#### 2003 Winners:

*Agastache* 'Golden Jubilee'  
*Camation* '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* 'Jaijo 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'  
*Viola* F1 'Skippy XL Red-Gold'  
*Zinnia* 'Zowie! Yellow Flame'

#### 2007 Winners:

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

#### 2008 Winners:

*Osteospermum* 'Asti White'  
*Viola* F1 'Skippy XL Plum Gold'

### 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 31 while the second was September 12. The Dickinson evaluations were July 11 and August 28. Williston plants were evaluated July 12 and August 27.

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 15-42). 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:

*Angelonia* 'Carita Cascade Deep Purple'  
*Angelonia* 'Carita Deep Pink'  
*Angelonia* 'Carita Lavender'  
*Nicotiana* 'Perfume Deep Purple'  
*Petunia* 'Jamboree Hot Pink'

### **Field Days**

Field Days in Dickinson and Williston were held July 11 and July 12, respectively, in conjunction with field days at the research extension centers. Field day in Fargo was July 25. The American Hemerocallis Society also had an optional tour of our gardens on July 29 as part of their National Convention in Minneapolis.

### **Acknowledgements**

Many thanks go to supporters of the 2007 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, Neil Riveland, Lorna Bradbury and the staff at the Williston Research Extension Center.

I'd also like to extend a special thank you to Ron Smith, student helpers Suzanne Stone and Emily Nelson, and the Master Gardeners who volunteered their time in Fargo: Edna Holm, Gayle Ferber, Margaret Loken and Gerri Elznic. Their help was appreciated more than they know. Without the assistance of so many talented and dedicated people, the bedding plant trials would not be possible.

### **Contacts**

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## Fargo Top Performers-2007

July 31

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-42). Plants are listed in alphabetical order by scientific name.

<i>Achillea ptarmica</i> 'Gypsy White'	<i>Cosmos sulphureus</i> 'Polidor'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Agastache rupestris</i>	<i>Gaillardia aristata</i> 'Arizona Sun'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Scarlet'
<i>Agastache schrophulariaefolia</i> 'Garden Leader Blush'	<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'
<i>Ageratum houstonianum</i> 'Leilani Blue'	<i>Impatiens hawkerii</i> 'Sonic Salmon on Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Coral'
<i>Alternanthera dentata</i> 'Royal Tapestry'	<i>Impatiens hawkerii</i> 'Super Sonic Cherry Cream'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Light Salmon'
<i>Angelonia angustifolia</i> 'Serena Purple'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Salmon'
<i>Angelonia angustifolia</i> 'Serena White'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Violet'
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Margarita'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Cherry'
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	<i>Ipomoea x multifida</i> (Cardinal Climber)	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Coral'
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Ipomoea nil</i> 'Scarlet O'Hara'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Light Salmon'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Ipomoea quamoclit</i> 'Cypress Vine Mix'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Orchid'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan White'	<i>Ipomoea quamoclit</i> 'Red Cypress Vine'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) Rocky Mtn. Dark Red'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	<i>Lablab purpureus</i> (Purple Hyacinth Bean)	<i>Pelargonium x hortorum</i> (Geranium-Zonal) Rocky Mtn. Magenta'
<i>Argyranthemum frutescens</i> 'Sassy White'	<i>Lantana camara</i> 'Bandana Cherry'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'
<i>Asclepias tuberosa</i> 'Gay Butterflies'	<i>Lantana camara</i> 'Bandana Rose'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Red'
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	<i>Lavandula angustifolia</i> 'Potpourri Dark Purple'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'
<i>Begonia semperflorens</i> 'Braveheart'	<i>Lobelia erinus</i> 'Techno Upright Blue'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'
<i>Begonia semperflorens</i> 'Nightlife Deep Rose Improved'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'
<i>Begonia semperflorens</i> 'Nightlife Pink'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Pastel Carpet'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'
<i>Begonia semperflorens</i> 'Pizzazz Deep Rose'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freesstyle Cherry Rose II'
<i>Begonia semperflorens</i> 'Pizzazz Pink'	<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Broken Colors'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freesstyle Pink II'
<i>Begonia semperflorens</i> 'Pizzazz Red'	<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Limelight'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freesstyle White'
<i>Calendula officinalis</i> 'Radio'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Pennisetum setaceum</i> (Fountain Grass)
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	<i>Nicotiana glauca</i> 'Aztec'	<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'
<i>Canna x generalis</i> 'Bengal Tiger'	<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose II'	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Mystic Pink'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Mix Halo'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'
<i>Celosia plumosa</i> 'New Look'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Lavender'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'
<i>Coleus x hybridus</i> 'Chocolate Mint'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro White'

### Fargo Top Performers-2007

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-42). Plants are listed in alphabetical order by scientific name.

July 31 (cont.)

<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'	<i>Tagetes erecta</i> (Marigold) 'Antigua Orange'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	<i>Tagetes erecta</i> (Marigold) 'Jubilee Mixed'	<i>Zinnia angustifolia</i> 'Crystal Orange'
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	<i>Tagetes erecta</i> (Marigold) 'Whopper Gold'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	<i>Tagetes erecta</i> (Marigold) 'Whopper Orange'	<i>Zinnia elegans</i> 'Magellan Mix'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'	<i>Talinum paniculata</i> 'Limon'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	<i>Verbena x hybrida</i> 'Garden Leader FL Blue'	<i>Zinnia</i> hybrid 'Profusion Apricot'
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'	<i>Zinnia</i> hybrid 'Profusion Cherry'
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	<i>Verbena x hybrida</i> 'Lanai Blush White'	<i>Zinnia</i> hybrid 'Profusion Coral Pink'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	<i>Verbena x hybrida</i> 'Lanai Peach'	<i>Zinnia</i> hybrid 'Profusion Deep Apricot'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	<i>Verbena x hybrida</i> 'Lanai Red '07'	<i>Zinnia</i> hybrid 'Profusion Double Cherry'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'	<i>Zinnia</i> hybrid 'Profusion Fire'
<i>Plectranthus argentatus</i> 'Silver Shield'	<i>Viola</i> F1 'Skippy XL Plum-Gold'	<i>Zinnia</i> hybrid 'Profusion Orange'
<i>Spilanthus oleracea</i> 'Peek-A-Boo'	<i>Viola</i> F1 'Skippy XL Red-Gold'	<i>Zinnia</i> hybrid 'Profusion White'
<i>Stipa tenuissima</i> 'Ponytails'		

## Fargo Top Performers-2007

September 12

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-42). Plants are listed in alphabetical order by scientific name.

<i>Agastache cana</i> 'Purple Pigmy'	<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Impatiens walleriana</i> 'Sunny Lady Pastel Mix'
<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Catharanthus roseus</i> (Vinca) 'Titan Pure White'	<i>Impatiens walleriana</i> 'Sunny Lady Tropical Fruit Mix'
<i>Agastache rupestris</i>	<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Impatiens walleriana</i> 'Super Elfin XP Punch'
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	<i>Celosia plumosa</i> 'Fresh Look Orange'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'
<i>Alternanthera dentata</i> 'Royal Tapestry'	<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Ipomoea batata</i> (Sweet Potato Vine) 'Margarita'
<i>Angelonia angustifolia</i> 'Serena Lavender'	<i>Celosia plumosa</i> 'Fresh Look Yellow'	<i>Ipomoea x multifida</i> (Cardinal Climber)
<i>Angelonia angustifolia</i> 'Serena Lavender Pink'	<i>Celosia plumosa</i> 'New Look'	<i>Ipomoea nil</i> 'Scarlet O'Hara'
<i>Angelonia angustifolia</i> 'Serena Purple'	<i>Celosia spicata</i> 'Flamingo Purple'	<i>Ipomoea quamoclit</i> 'Cypress Vine Mix'
<i>Angelonia angustifolia</i> 'Serena White'	<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Blush'	<i>Ipomoea quamoclit</i> 'Red Cypress Vine'
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Lavender'	<i>Juncus inflexus</i> 'Blue Arrows'
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Rose'	<i>Lablab purpureus</i> (Purple Hyacinth Bean)
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler White'	<i>Lantana camara</i> 'Bandana Cherry'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Coleus x hybridus</i> 'Chocolate Mint'	<i>Lavandula angustifolia</i> 'Potpourri Dark Purple'
<i>Antirrhinum majus</i> (Snapdragon) 'Speedy Sonnet Rose'	<i>Coleus x hybridus</i> 'Giant Exhibition-Limelight'	<i>Lobelia erinus</i> 'Techno Upright Blue'
<i>Antirrhinum majus</i> (Snapdragon) 'Speedy Sonnet White'	<i>Coleus x hybridus</i> 'Giant Exhibition-Palisandra'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	<i>Diascia barberae</i> 'Darla Light Pink'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Pastel Carpet'
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	<i>Gaillardia aristata</i> 'Arizona Sun'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'
<i>Begonia semperflorens</i> 'Braveheart'	<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Broken Colors'
<i>Begonia semperflorens</i> 'Nightlife Deep Rose Improved'	<i>Gomphrena globosa</i> 'Purple Gomp'	<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Limelight'
<i>Begonia semperflorens</i> 'Nightlife Mix'	<i>Gomphrena haagiana</i> 'Strawberry Fields'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'
<i>Begonia semperflorens</i> 'Nightlife Pink'	<i>Impatiens hawkerii</i> 'Sonic Hot Rose on Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	<i>Impatiens hawkerii</i> 'Sonic Salmon on Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Impatiens hawkerii</i> 'Super Sonic Cherry Cream'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'
<i>Begonia semperflorens</i> 'Pizzazz Deep Rose'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Begonia semperflorens</i> 'Pizzazz Pink'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly White II'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Coral'
<i>Begonia semperflorens</i> 'Pizzazz Red'	<i>Impatiens walleriana</i> 'LoGro Deep Salmon'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Light Salmon'
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	<i>Impatiens walleriana</i> 'Mosaic Mix'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Salmon'
<i>Calibrachoa x hybrida</i> 'Callie Rose '06'	<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Violet'
<i>Canna x generalis</i> 'Bengal Tiger'	<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Rose '06'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Cherry'
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	<i>Impatiens walleriana</i> 'Sunny Lady Mix'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Coral'

## Fargo Top Performers-2007

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp.15-42). Plants are listed in alphabetical order by scientific name.

September 12 (cont.)

<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Magenta'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Verbena x hybrida</i> 'Lanai Red '07'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Verbena x hybrida</i> 'Quartz XP Scarlet'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. White '06'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'	<i>Viola</i> F1 'Skippy XL Plum-Gold'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	<i>Viola</i> F1 'Skippy XL Red-Gold'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	<i>Zinnia angustifolia</i> 'Crystal Orange'
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'	<i>Zinnia elegans</i> 'Magellan Mix'
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'	<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	<i>Zinnia</i> hybrid 'Profusion Apricot'
<i>Pentas lanceolata</i> 'Kaleidoscope Deep Red'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	<i>Zinnia</i> hybrid 'Profusion Cherry'
<i>Pentas lanceolata</i> 'Northern Lights Lavender'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	<i>Zinnia</i> hybrid 'Profusion Coral Pink'
<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	<i>Plectranthus argenteatus</i> 'Silver Shield'	<i>Zinnia</i> hybrid 'Profusion Deep Apricot'
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	<i>Salvia farinacea</i> 'Evolution'	<i>Zinnia</i> hybrid 'Profusion Double Cherry'
<i>Petunia hybrida</i> (Multiflora) 'Carpet Pink Improved'	<i>Spilanthes oleracea</i> 'Peek-A-Boo'	<i>Zinnia</i> hybrid 'Profusion Fire'
<i>Petunia hybrida</i> (Floribunda) 'Celebrity Blue Improved'	<i>Talinum paniculata</i> 'Limon'	<i>Zinnia</i> hybrid 'Profusion Knee-High Red'
<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	<i>Thunbergia alata</i> (Black-eyed Susan Vine)	<i>Zinnia</i> hybrid 'Profusion Knee-High White'
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Coral Reef'	<i>Thunbergia alata</i> 'Blushing Susie'	<i>Zinnia</i> hybrid 'Profusion Orange'
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Mystic Pink'	<i>Thunbergia alata</i> 'Sunrise Surprise'	<i>Zinnia</i> hybrid 'Profusion White'
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Shell Pink Improved'	<i>Thunbergia alata</i> 'White-eyed Susie'	<i>Zinnia maritima</i> 'Solcito'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Verbena x hybrida</i> 'Garden Leader FL Blue'	



## Dickinson Top Performers-2007

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp. 15-42). Plants are listed in alphabetical order by scientific name.

July 11	August 28
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Agastache foeniculum</i> 'Golden Jubilee'
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	<i>Alternanthera dentata</i> 'Royal Tapestry'
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Angelonia angustifolia</i> 'Carita Cascade White '07'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	<i>Angelonia angustifolia</i> 'Carita Deep Pink'
<i>Begonia semperflorens</i> 'Nightlife Pink'	<i>Angelonia angustifolia</i> 'Carita Lavender'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	<i>Angelonia angustifolia</i> 'Carita Lavender'
<i>Lobelia erinus</i> 'Techno Blue'	<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'
<i>Lobelia erinus</i> 'Techno Upright Blue'	<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'
<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	<i>Diascia barberae</i> 'Darla Light Pink'
<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Impatiens walleriana</i> 'LoGro Deep Salmon'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Lantana camara</i> 'Bandana Rose'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	<i>Lobelia erinus</i> 'Techno Blue'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'	<i>Lobelia erinus</i> 'Techno Upright Blue'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose II'
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'
	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'
	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'

## Williston Top Performers-2007

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp. 15-42). Plants are listed in alphabetical order by scientific name.

July 12

<i>Achillea ptarmica</i> 'Gypsy White'	<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Lantana camara</i> 'Bandana Rose'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro White'
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Lobelia erinus</i> 'Techno Blue'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Lobelia erinus</i> 'Techno Upright Blue'	<i>Petunia hybrida</i> (Floribunda) 'Madness Red Improved'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan White'	<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'
<i>Argyranthemum</i> 'Sassy White'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Splash'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'	<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'
<i>Calibrachoa x hybrida</i> 'Callie Dark Blue'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	<i>Pennisetum glaucum</i> 'Purple Majesty'	<i>Salvia splendens</i> 'Vista Rose'
<i>Calibrachoa x hybrida</i> 'Callie Rose '06'	<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'
<i>Dianthus</i> F1 'Supra Purple'	<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	<i>Verbena x hybrida</i> 'Lanai Red '07'
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	<i>Verbena x hybrida</i> 'Lanai Royal Purple'
<i>Dianthus chinensis</i> 'Ideal Violet'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Viola</i> F1 'Skippy XL Plum-Gold'
<i>Diascia barbertae</i> 'Darla Light Pink'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Viola</i> F1 'Skippy XL Red-Gold'
<i>Diascia barbertae</i> 'Diamonte Coral Rose'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	

## Williston Top Performers-2007

Top performers received \*, \*\*, or \*\*\* during either evaluation time as seen in the evaluations for each site (pp. 15-42). Plants are listed in alphabetical order by scientific name.

August 27

<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Scarlet'	<i>Petunia hybrida</i> (Floribunda) 'Madness Red Improved'
<i>Alternanthera dentata</i> 'Royal Tapestry'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Dark Red'	<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Red'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'
<i>Calibrachoa x hybrida</i> 'Callie Dark Blue'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Calibrachoa x hybrida</i> 'Callie Rose '06'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'	<i>Salvia farinacea</i> 'Evolution'
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Pink II'	<i>Salvia splendens</i> 'Vista Rose'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle White'	<i>Tagetes erecta</i> (Marigold) 'Vanilla'
<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Verbena x hybrida</i> 'Lanai Blush White'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Pentas lanceolata</i> 'Northern Lights Lavender'	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Diascia barberae</i> 'Darla Light Pink'	<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	<i>Verbena x hybrida</i> 'Lanai Red '07'
<i>Diascia barberae</i> 'Diamante Coral Rose'	<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	<i>Verbena x hybrida</i> 'Lanai Royal Purple'
<i>Lantana camara</i> 'Bandana Rose'	<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose II'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Zinnia</i> hybrid 'Profusion Knee-High Red'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	<i>Zinnia</i> hybrid 'Profusion Knee-High White'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Zinnia maritima</i> 'Solcito'
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Splash'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro White'	

## 2007 Star Performers

Star performers received \*, \*\*, or \*\*\* during **both** evaluation times as seen on the evaluation sheets for each site (pp. 15-42). Plants are listed in alphabetical order by scientific name.

### Fargo

<i>Agastache rupestris</i>	<i>Ipomoea quamoclit</i> 'Red Cypress Vine'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'
<i>Alternanthera dentata</i> 'Royal Tapestry'	<i>Lablab purpureus</i> (Purple Hyacinth Bean)	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'
<i>Angelonia angustifolia</i> 'Serena Purple'	<i>Lantana camara</i> 'Bandana Cherry'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'
<i>Angelonia angustifolia</i> 'Serena White'	<i>Lavandula angustifolia</i> 'Potpourri Dark Purple'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Lobelia erinus</i> 'Techno Upright Blue'	<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Pastel Carpet'	<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Broken Colors'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
<i>Begonia semperflorens</i> 'Braveheart'	<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Limelight'	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Begonia semperflorens</i> 'Nightlife Deep Rose Improved'	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Plectranthus argentatus</i> 'Silver Shield'
<i>Begonia semperflorens</i> 'Nightlife Pink'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'	<i>Spilanthes oleracea</i> 'Peek-A-Boo'
<i>Begonia semperflorens</i> 'Sprint Scarlet'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	<i>Talinum paniculata</i> 'Limon'
<i>Begonia semperflorens</i> 'Pizzazz Deep Rose'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'	<i>Verbena x hybrida</i> 'Garden Leader FL Blue'
<i>Begonia semperflorens</i> 'Pizzazz Pink'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'
<i>Begonia semperflorens</i> 'Pizzazz Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Coral'	<i>Verbena x hybrida</i> 'Lanai Red '07'
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Light Salmon'	<i>Viola</i> F1 'Skippy XL Plum-Gold'
<i>Canna x generalis</i> 'Bengal Tiger'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Salmon'	<i>Viola</i> F1 'Skippy XL Red-Gold'
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Violet'	<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'
<i>Celestia plumosa</i> 'New Look'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Cherry'	<i>Zinnia angustifolia</i> 'Crystal Orange'
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Lavender'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Coral'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Coleus x hybridus</i> 'Chocolate Mint'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Magenta'	<i>Zinnia elegans</i> 'Magellan Mix'
<i>Gaillardia aristata</i> 'Arizona Sun'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'	<i>Zinnia</i> hybrid 'Profusion Apricot'
<i>Impatiens hawkerii</i> 'Sonic Salmon on Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	<i>Zinnia</i> hybrid 'Profusion Cherry'
<i>Impatiens hawkerii</i> 'Super Sonic Cherry Cream'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Zinnia</i> hybrid 'Profusion Coral Pink'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	<i>Zinnia</i> hybrid 'Profusion Deep Apricot'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'	<i>Zinnia</i> hybrid 'Profusion Double Cherry'
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Margarita'	<i>Pennisetum setaceum</i> (Fountain Grass)	<i>Zinnia</i> hybrid 'Profusion Fire'
<i>Ipomoea x multifida</i> (Cardinal Climber)	<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	<i>Zinnia</i> hybrid 'Profusion Orange'
<i>Ipomoea nil</i> 'Scarlet O'Hara'	<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	<i>Zinnia</i> hybrid 'Profusion White'
<i>Ipomoea quamoclit</i> 'Cypress Vine Mix'	<i>Petunia hybrida</i> (Spreading) 'Easy Wave Mystic Pink'	

## 2007 Star Performers

Star performers received \*, \*\*, or \*\*\* during **both** evaluation times as seen on the evaluation sheets for each site (pp. 15-42). Plants are listed in alphabetical order by scientific name.

Dickinson	Williston
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'
<i>Angelonia angustifolia</i> 'Carita Lavender'	<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro White'
<i>Lobelia erinus</i> 'Techno Blue'	<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'
<i>Lobelia erinus</i> 'Techno Upright Blue'	<i>Petunia hybrida</i> (Floribunda) 'Madness Red Improved'
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia hybrida</i> (Spreading) 'Purple Wave'
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'
	<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'
	<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'
	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Splash'
	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'
	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'
	<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'
	<i>Salvia splendens</i> 'Vista Rose'
	<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'
	<i>Verbena x hybrida</i> 'Lanai Red '07'
	<i>Petunia hybrida</i> (Spreading) 'Blue Wave'
	<i>Verbena x hybrida</i> 'Lanai Royal Purple'

## 2007 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-2007

Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	FG	*6-10	*13-15	Good bloom; old blossoms starting to detract.	6-8	13-15	Past peak bloom right now.
<i>Agastache cana</i> 'Purple Pigmy'	Pk	11-17	6-11	Just starting to bloom; not uniform in width.	**22-24	**16-17	Looks nice!
<i>Agastache foeniculum</i> 'Golden Jubilee'	Pk, AAS '03	3-11	3-11	Not uniform in size or vigor; 5 nice plants of 12.	**14-16	**14-17	Good bloom, vigor and uniformity.
<i>Agastache rupestris</i>	Pk	*12-17	*9-11	Doing alright but not uniform in size.	**22-24	**14-20	Good vigor and bloom.
<i>Agastache schrophulariaefolia</i> 'Garden Leader Blush'	Gri	*16-18	*9-14	Good vigor but blooms not too showy.	20-27	13-18	Plant growth good but flower color is dull.
<i>Ageratum houstonianum</i> 'High Tide Blue'	PAS	9-11	10-15	Good bloom.	11-13	16-18	Nice but dead heads detract.
<i>Ageratum houstonianum</i> 'Leilani Blue'	Pk	**10-15	**14-16	Looks good.	14-16	20-23	Nice but dead heads detract.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	12-20	10-20	Not uniform in size and no bloom yet.	**30-34	**18-20	Very nice with lots of flowers and good vigor.
<i>Alternanthera dentata</i> 'Royal Tapestry'	PAS	**7-10	**17-20	Nice color; good ground cover.	***10-18	***to 36"	Great ground cover.
<i>Amaranthus caudatus</i> 'Dreadlocks'	Pk	11-18	9-16	Not uniform in size or bloom; black beetles chewing holes in leaves.	28-40	to 36	More upright in growth; very vigorous.
<i>Amaranthus caudatus</i> 'Green'	Pk	26-36	23-38	Very vigorous but black beetles on it and flowers not showy.	up to 40	40-45	Good vigor but falling over and overtook the other Amaranth.
<i>Amaranthus tricolor</i> 'Illumination'	Pk	6-11	3-8	Only two plants-those aren't very vigorous.	---	---	Died.
<i>Amaranthus tricolor</i> 'Perfecta'	Pk	5-8	5-11	Three of 6 plants died; not uniform in size but nice foliage color.	---	---	Died.
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	FG	**8-9	**14-16	Nice.	**12-14	**16-18	Good bloom, vigor and uniformity.
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	FG	**7-9	**12-14	Nice.	*9-11	*12-15	Not blooming as well as the others but plant growth good.
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	FG	**14-16	**14-17	Looks good.	**17-23	**15-18	Good bloom, vigor and uniformity.
<i>Angelonia angustifolia</i> 'Carita Lavender'	FG	**16-17	**15-17	Nice.	**25-27	**18-20	Very nice!
<i>Angelonia angustifolia</i> 'Serena Lavender'	Pk	9-13	7-10	One punky plant; not as full or floriferous as 'Serena Purple'.	**9-15	**10-16	One smaller plant-otherwise nice.
<i>Angelonia angustifolia</i> 'Serena Lavender Pink'	Pk	4-9	4-9	Not as full or floriferous as 'Serena Purple' or 'Serena White'.	**11-13	**12-15	Good bloom and uniformity.

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Seed/Plant Source	July 31			September 12		
	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Angelonia angustifolia</i> 'Serena Purple'	**11-14	**8-10	Nice.	**12-17	**13-15	Very nice!
<i>Angelonia angustifolia</i> 'Serena White'	**8-10	**9-10	Good bloom, uniformity and vigor.	**11-12	**16-18	Very nice!
<i>Antirrhinum majus</i> (Snapdragon) 'Candy Corn'	5-8	4-11	Not uniform in size or bloom; 2 plants are really nice.	7-12	6-15	One really small plant; not uniform in bloom but two plants are very nice.
<i>Antirrhinum majus</i> (Snapdragon) 'Frosted Sunset'	10-14	7-10	Similar to other snapdragons.	10-16	9-11	Not doing too bad right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Rainbow Mix'	10-15	6-8	Past peak bloom but good color mix.	10-14	9-12	Not uniform in size or bloom time.
<i>Antirrhinum majus</i> (Snapdragon) 'Scarlet Giant'	10-13	7-10	Doing alright but falling over.	9-17	9-12	Not uniform in size or bloom.
<i>Antirrhinum majus</i> (Snapdragon) 'Speedy Sonnet Rose'	12-14	11-14	Fairly uniform and better bloom than some other snapdragons.	*12-15	*16-18	Nice second flush of bloom right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Speedy Sonnet White'	10-14	7-10	Fairly uniform but not much bloom right now.	*10-12	*11-13	Nice second flush of bloom right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	6-7	7-10	Least vigorous of the 3 'Sultan' snapdragons here.	**7-10	**10-15	Nice second flush of bloom right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan White'	*8-10	*8-12	Not as floriferous or full as 'Sultan Yellow' but nicer than 'Sultan Red & Yellow'.	7-10	15-17	Not much bloom right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	**8-9	**12-14	Good size uniformity and bloom.	**8-10	**13-17	Also a nice second flush of bloom right now.
<i>Argyranthemum frutescens</i> 'Sassy White'	**13-15	**18-20	Nice and full.	10-12	12-14	No bloom right now.
<i>Asclepias incarnata</i> 'Cinderella'	7-9	4-8	Not too vigorous right now.	23-34	28-40	Very vigorous but done blooming and not too showy.
<i>Asclepias tuberosa</i> 'Gay Butterflies'	*33-35	*14-16	Good vigor but just starting to bloom.	8-11	7-9	Not too vigorous and only a few flowers.
<i>Begonia x hybrida</i> 'Dragon Wing Pink'	**7-9	**14-16	Nice bloom and vigor.	**11-12	**18-20	Nice!
<i>Begonia semperflorens</i> 'Braveheart'	**9-11	**12-14	Nice.	**12-14	**20-22	Good bloom and vigor.
<i>Begonia semperflorens</i> 'Nightlife Deep Rose Improved'	**5-7	**7-9	Nice but there are a few smaller plants.	**9-10	**11-14	Good bloom and vigor.
<i>Begonia semperflorens</i> 'Nightlife Mix'	4-7	4-10	Good bloom but not uniform in size.	*7-14	*8-14	Not uniform in size but good bloom.
<i>Begonia semperflorens</i> 'Nightlife Pink'	**6-7	**8-12	Good bloom, vigor and size uniformity.	**7-10	**10-12	Looks nice!
<i>Begonia semperflorens</i> 'Olympia Sprint Blush'	5-6	4-9	Good bloom but not uniform in size.	**7-9	**9-13	Looks nice!
<i>Begonia semperflorens</i> 'Sprint Scarlet'	**7-9	**8-9	Good bloom, vigor and size uniformity.	**9-11	**13-14	Good bloom, size uniformity and vigor.

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Seed/Plant Source	July 31			September 12		
	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Begonia semperflorens</i> 'Pizzazz Deep Rose'	**5-8	**7-9	Good bloom, vigor and size uniformity.	**9-12	**13-14	Good uniformity and bloom.
<i>Begonia semperflorens</i> 'Pizzazz Pink'	**5	**8-9	Only 3 plants but those are nice.	**9-10	**16-18	Very nice!
<i>Begonia semperflorens</i> 'Pizzazz Red'	**7-8	**7-9	Nice bloom, vigor and size uniformity.	**10-11	**12-13	Very good size uniformity and bloom.
<i>Begonia semperflorens</i> 'Pizzazz White'	4-5	5-6	Only 3 plants; small but doing alright.	6-10	8-11	Good bloom but one small plant out of three that are there.
<i>Bellis perennis</i> (English Daisy)	6-8	5-10	Not uniform in size or bloom.	---	---	Over-run by <i>Alternanthera</i> .
<i>Caladium bicolor</i> 'Fancy Leaf White Wings'	5-8	8-11	Good coloring but not uniform in size.	5-7	8-16	Not uniform in size or vigor.
<i>Caladium bicolor</i> 'Gingerland'	4-8	3-13	Doing alright but not as vigorous as in the past.	5-10	8-18	Not too vigorous.
<i>Caladium bicolor</i> 'Red Ruffles'	4-5	9-13	Good coloring but not uniform in size.	6-9	8-15	Not uniform in size or vigor.
<i>Caladium bicolor</i> 'Sweetheart'	5-8	8-11	Good coloring but not uniform in size.	4-7	9-13	Neat leaf color.
<i>Calendula officinalis</i> 'Kablouna Gold'	15-22	8-11	Doing alright.	19-20	10-12	Some plants are diseased (Aster Yellows?) and dying.
<i>Calendula officinalis</i> 'Radio'	**18-20	**13-15	Looks good.	18-20	12-15	Some plants are diseased (Aster Yellows?) and dying.
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	**6-7	**11-14	Very nice!	**8-10	**14-16	Most vigorous of the <i>Calibrachoa</i> right now.
<i>Calibrachoa x hybrida</i> 'Callie Dark Blue'	1-3	6-10	Small plants and slightly yellowing foliage.	4-5	10-12	Being overrun by 'Tidal Wave Silver' petunia.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	4-7	6-14	Not uniform in size but good bloom.	6-7	12-16	Looks good.
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	4-5	8-13	2 of 12 plants are small; otherwise doing alright.	4-6	14-16	Looks good.
<i>Calibrachoa x hybrida</i> 'Callie Rose '06'	3-4	4-12	Not as floriferous as 'Callie Bright Red'; not uniform in size.	**4-5	**13-16	Nice show of pink.
<i>Canna x generalis</i> 'Australia'	10-29	12-22	Good vigor but one small plant.	25-42	16-36	Not uniform in size.
<i>Canna x generalis</i> 'Bengal Tiger'	**32-38	**20-24	Nice foliage and good vigor.	**48-52	**30-36	Foliage and flowers both showy.
<i>Canna x generalis</i> 'Tropical Red'	13-18	15-17	Smallest of the 'Tropical' cannas.	20-24	18-22	Doing alright; smallest of the 'Tropical' cannas.
<i>Canna x generalis</i> 'Tropical Rose'	21-29	16-22	Looks good.	33-36	24-26	Nice pink color.
<i>Canna x generalis</i> 'Tropical Salmon'	21-28	18-21	Good vigor.	36-45	24-26	One of the taller of the 'Tropical' cannas.



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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Canna x generalis</i> 'Tropical Sunrise'	Pk	14-22	13-27	Not uniform in size or bloom.	38-46	20-30	The tallest 'Tropical' canna.
<i>Canna x generalis</i> 'Tropical White'	Pk	20-25	15-19	Looks good.	28-36	18-26	Flower color not that showy compared to others.
<i>Canna x generalis</i> 'Tropical Yellow'	Pk	17-20	12-16	Looks good.	26-28	19-22	Doing alright.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	5-15	5-14	Not uniform in size but nice foliage color.	12-28	10-23	Not uniform in size but unique color and small black peppers.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	AAS '02	4-10	4-12	Lots of peppers but not uniform in size.	8-10	10-12	Asclepias 'Cinderella' crowding it; good pepper production and showy.
<i>Carex comans</i> 'Bronze'	Pk	7-8	4-6	Not too vigorous.	8-10	7-9	Doesn't seem too vigorous.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3-9	3-8	Not uniform in size or vigor.	4-11	6-13	Not uniform in size-a few very small plants.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	AAS '03	3-8	2-9	Not uniform in size but good bloom.	*12-13	*10-15	Good plant habit and bloom.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	*4-10	*4-11	2 of 12 really small but bloom is good.	**13-14	**14-16	Good bloom and vigor.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Mix Halo'	PAS	*7-10	*7-10	Good bloom.	11-13	12-15	Not a lot of color mix-mostly pink.
<i>Catharanthus roseus</i> (Vinca) 'Titan Pure White'	Ball	5-8	5-10	Not uniform in size but good bloom.	**9-11	**9-16	Looks nice.
<i>Celosia cristata</i> 'Amigo Mahogany Red'	Pk	4-5	4-5	Small but alright.	4-5	4-5	No vigor.
<i>Celosia cristata</i> 'Amigo Mix'	Pk	3-5	3-5	Small-not much vigor.	3-4	3-6	Not doing that great.
<i>Celosia cristata</i> 'Bombay Mix'	Pk	10-13	3-5	Plants not branching out at all and falling over from heavy flower heads.	9-12	3-4	Stems are falling over; never branched out.
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	7-14	4-13	Not uniform in size but bloom and vigor good.	**9-10	**13-15	Looks nice!
<i>Celosia plumosa</i> 'Fresh Look Orange'	Ben	4-11	6-13	Not uniform in size but bloom and vigor good.	*6-14	*9-18	Not as uniform in size as some other celosia but bloom good.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	8-13	4-14	Not uniform in size but bloom and vigor good.	*7-17	*6-12	Not as uniform in size as some other celosia but bloom good.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	7-13	6-12	Not uniform in size but bloom and vigor good.	**12-18	**12-16	Good bloom, vigor and uniformity.
<i>Celosia plumosa</i> 'New Look'	Ben	**9-13	**9-12	Nice vigor and show of color.	**14-18	**12-15	Good bloom and size uniformity.
<i>Celosia spicata</i> 'Flamingo Purple'	Pk	10-19	10-14	One of six died; 4 are nice but 1 is puny; the four are starting to look good.	**28-30	**30-33	Very good vigor.
<i>Cleome hasslerana</i> (Spider Flower) 'Sparkler Blush'	Pk, AAS '02	20-21	15-18	Doing alright.	*36-38	*30-32	Looks good.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Cleome hasslerana</i> (Spider Flower)	Pk	**19-20	**18-20	Good vigor and bloom.	*30-32	*24-35	Good size uniformity.
<i>Cleome hasslerana</i> (Spider Flower)	Pk	4-22	5-16	Not uniform in size or bloom.	*28-30	*20-22	Not quite as vigorous as 'Sparkler White' but looks good.
<i>Cleome hasslerana</i> (Spider Flower)	Pk	16-18	15-18	Good size uniformity but not much bloom.	*29-34	*30-32	Looks good.
<i>Coleus x hybridus</i> 'Chocolate Mint'	PAS	**12-14	**15-17	Good coloring; fairly uniform in size except for 1 small plant.	**18-20	**18-20	Good vigor and size uniformity.
<i>Coleus x hybridus</i> 'Giant Exhibition-Aureole'	Pk	11-18	9-15	Different foliage colors-green and burgundy varies.	18-26	12-18	Seems like there are two different kinds of plants here.
<i>Coleus x hybridus</i> 'Giant Exhibition-Limelight'	Pk	6-22	9-19	Not uniform in height; showy, bright green color.	*12-24	*15-22	Good vigor but not uniform in size; neat bright green foliage color.
<i>Coleus x hybridus</i> 'Giant Exhibition-Palisandra'	Pk	15-18	13-17	Good vigor.	**20-24	**21-24	Good vigor and fairly uniform in size.
<i>Coleus x hybridus</i> 'Wizard Coral Sunrise'	PAS	7-11	5-10	Smallest of the coleus; not uniform in size.	**14-17	**14-16	Good vigor.
<i>Coreopsis tinctoria</i> 'Maroon'	SC	6-8	4-6	Small and floriferous but not uniform in size.	( )	( )	Small and no vigor; only 3 plants here of 6.
<i>Cosmos bipinnatus</i> 'Sonata Dwarf Mixed'	TM	22-26	20-22	Big bushes but few blooms.	34-38	24-30	No blooms and some plants dying.
<i>Cosmos bipinnatus</i> 'Yellow Garden'	SC	21-29	20-29	Big and bushy but no blooms.	34-35	24-28	No blooms and 2 plants dying.
<i>Cosmos sulphureus</i> 'Polidor'	TM	**29-32	**27-31	Good bloom.	28-32	28-36	Lots of dead flower heads.
<i>Delphinium grandiflorum</i> 'Summer Morning'	Ben	3-5	2-3	Poor-small and no vigor.	4-8	3-6	Small with no vigor.
<i>Dianthus F1</i> 'Supra Purple'	AAS '06	5-8	4-11	Good bloom but not uniform in size.	7-11	6-10	Past peak bloom.
<i>Dianthus barbatus</i> 'Bouquet Rose Magic'	PAS	8-13	5-13	Good bloom but not uniform in size.	12-14	9-13	Not uniform in size or bloom; a couple of really nice plants.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	12-14	10-12	Good vigor but just starting to bloom with lots of buds.	12-14	13-14	Good growth and lots of buds but not too many flowers.
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	AAS '03	3-5	4-7	Not that great-not uniform in size or bloom.	5-7	4-7	Plants small but bloom is alright.
<i>Dianthus chinensis</i> 'Garden Leader Sundae Cherryberry'	Gri	3-5	3-5	Small but uniform; not too vigorous.	3-5	4-7	Small.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	3-6	3-6	Good bloom on small plants.	3-5	4-7	Small but fairly good bloom.
<i>Dianthus chinensis</i> 'Valentine'	PAS	4-6	3-7	Small; bloom good on some plants.	3-5	3-7	Not uniform in size or bloom; small plants and bloom not too good.
<i>Diascia barberae</i> 'Darla Deep Salmon'	FG	4-6	4-11	Not doing as well as last year; 6 of 12 have died.	3-6	6-8	Poor-most died.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Diascia barberae</i> 'Darla Light Pink'	FG	3-7	6-14	Not doing as well as last year.	**8-10	**13-15	Nicest of the 3 <i>Diascia</i> with good bloom and vigor.
<i>Diascia barberae</i> 'Diamonte Coral Rose'	AAS '06	6-9	5-11	Not doing as well as last year.	5-10	6-15	Not uniform in size or bloom; not as vigorous as in previous years.
<i>Dichondra argentea</i> 'Silver Falls'	Pk	1	15-18	Good vigor.	1-2	36-40	More vigor than 'Emerald Falls'.
<i>Dichondra repens</i> 'Emerald Falls'	Pk	1	3-6	No vigor compared to 'Silver Falls'.	1-2	8-12	Not too vigorous.
<i>Emilia japonica</i> (Tassel Flower)	TJ	10-20	6-22	Not uniform in size and weedy looking.	24-25	18-20	Good bloom but kind of weedy looking.
<i>Eucalyptus cinerea</i> (Silver Dollar Plant)	Pk	5-13	5-8	Not uniform in size and stems falling over.	10-12	6-8	Stems are falling over.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Cinderella Blue'	Pk	13-15	6-8	Good bloom but stems falling over.	12-19	6-10	More vigor than 'Cinderella Yellow'.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Cinderella Yellow'	Pk	13-15	6-12	Two of 6 dying; others healthy.	13-15	4-8	Not uniform in size or bloom.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Echo Mix'	Pk	13-16	6-8	Stems falling over but good bloom.	9-14	6-10	Not much bloom right now.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Forever White'	AAS '03	7-9	8-12	Not uniform in size but bloom is good.	6-11	6-12	Not uniform in size or bloom time.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Florida Mix'	Pk	4-8	3-7	Not uniform in bloom.	8-11	3-7	Good color mix but not uniform in bloom time.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	*7-10	*8-12	Healthy and fairly uniform in size and bloom.	**10-13	**10-14	Lots of seed heads and flowers-both are attractive.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	*9-14	*10-16	Healthy and fairly uniform in size and bloom.	**12-14	**13-16	Good bloom.
<i>Gomphrena globosa</i> 'Purple Gomp'	Gri	7-16	4-12	Not uniform in size but good bloom.	**15-20	**20-24	Nice with good bloom and vigor.
<i>Gomphrena haageana</i> 'Strawberry Fields'	Pk	4-12	3-11	Not as floriferous as 'Purple Gomp'; not uniform in size.	*15-23	*18-26	Not uniform in size but good bloom.
<i>Gypsophila muralis</i> (Baby's Breath) 'Garden Bride'	Da	2-3	3-5	Dying.	3-5	3-7	Small with no vigor.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy'	Da	2-4	3-5	Dying.	3-4	6-8	Is this the right plants or are they volunteers that just came up?
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose'	AAS '04	2-3	3-5	Dying with no vigor.	---	---	Died.
<i>Helenium amarum</i> 'Goldfield'	Pk	9-13	10-14	Very good bloom but not uniform in height.	12-16	18-24	Strange growth habit-main stem fell over and many stems came from the one that fell over.
<i>Helichrysum bracteatum</i> 'Bright Bikini Mix'	Pk	8-12	7-15	Not uniform in size or bloom.	9-11	8-12	Some of these have died; blossoms are a bit spent.
<i>Hibiscus moscheutos</i> 'Luna Rose'	PAS	1-10	2-9	Didn't transplant well and just starting to grow.	to 15	to 16	Being crowded by <i>Nicotiana</i> 'Aztec'.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Hot Rose on Gold'	FG	5-6	7-9	Not as vigorous as 'Sonic Salmon on Gold' but flower colors and foliage are striking.	**7-8	**9-13	Nice color contrast between foliage and flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	FG	*6-7	*8-11	Good vigor and neat color combination.	**9-11	**11-16	Nice color contrast between foliage and flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Sweet Purple '06'	FG	5-6	6-9	Not as floriferous as the others New Guineas.	6-7	6-13	Not uniform in size or bloom at this time.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Cherry Cream'	FG	*6-7	*6-11	Good bloom and fairly uniform in size.	**8-10	**10-16	Most vigorous of the New Guineas right now.
<i>Impatiens walleriana</i> 'Fanciful Stardust Mix'	Pk	6-10	7-15	Not uniform in size or bloom and not much of a color mix-mostly salmons and pinks.	20-22	18-20	Very vigorous but not as much bloom as many other impatiens.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	FG	*4-8	*7-14	Great bloom but not uniform in size.	**13-15	**12-14	Very good bloom and vigor.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly White II'	FG	5-7	5-11	Not as vigorous or floriferous as 'Firefly Orange II' and not uniform in size.	*11-13	*10-12	Being overrun by 'Firefly Orange II' and 'Silhouette Rose '06'.
<i>Impatiens walleriana</i> 'LoGro Deep Salmon'	Gri	3-9	8-16	Good bloom but not uniform in size.	*15-20	*16-18	Not very low growing; bloom good.
<i>Impatiens walleriana</i> 'Mosaic Mix'	Pk	3-11	5-15	Not uniform in size or bloom.	*14-22	*17-20	Not uniform in height but good bloom.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'	FG	5-8	11-15	Good bloom and slightly more uniform in size than other 'Silhouette' impatiens.	**12-15	**16-18	Nice.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Pink '06'	FG	5-7	8-13	Similar to 'Silhouette Orange Star'.	7-14	16-18	Good growth but few flowers.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Purple'	FG	6-11	8-14	Most vigorous of the group but not uniform in size.	14-17	15-18	Good vigor.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Red Star'	FG	4-6	6-12	One of the least vigorous 'Silhouettes'; seems to need lots of water.	10-13	13-15	Being crowded by 'Silhouette Orange Star' and 'Silhouette Rose '06'.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Rose '06'	FG	4-12	8-14	Not uniform in size but good vigor.	**12-15	**15-17	Nice vigor and bloom.
<i>Impatiens walleriana</i> 'Sunny Lady Blue Moon Mix'	Pk	4-11	7-14	Not uniform in size or bloom.	16-18	14-20	Doing alright; not quite as floriferous or vigorous as some other impatiens.
<i>Impatiens walleriana</i> 'Sunny Lady Mix'	Pk	4-11	9-15	Not uniform in size or bloom.	*12-20	*16-20	Not uniform in height but good bloom.
<i>Impatiens walleriana</i> 'Sunny Lady Pastel Mix'	Pk	4-10	6-14	Not uniform in size or bloom.	**17-20	**15-20	Very vigorous and good bloom.
<i>Impatiens walleriana</i> 'Sunny Lady Tropical Fruit Mix'	Pk	3-7	7-13	Not uniform in size or bloom.	*12-20	*16-20	Not uniform in height but good bloom.
<i>Impatiens walleriana</i> 'Super Elfin Sunrise'	Pk	3-7	6-14	Not uniform in size or bloom.	13-15	22-24	Good vigor.
<i>Impatiens walleriana</i> 'Super Elfin XP Deep Pink'	PAS	4-8	7-18	Two really nice plants; otherwise not uniform in size or bloom.	12-15	18-20	Not uniform in bloom time.
<i>Impatiens walleriana</i> 'Super Elfin XP Punch'	PAS	4-6	8-12	Nice deep color and fairly uniform in size and bloom time.	**9-11	**17-20	Good bloom and vigor.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens walleriana</i> 'Super Elfin XP Star Cherry'	PAS	3-6	5-9	Alright but not as vigorous or floriferous as 'Super Elfin XP Violet'.	7-11	15-18	Not uniform in bloom time.
<i>Impatiens walleriana</i> 'Super Elfin XP Violet'	PAS	5-8	7-15	Good bloom but not uniform in size.	12-15	18-24	Good vigor but not uniform in bloom.
<i>Impatiens walleriana</i> 'Swirl Coral'	Pk	4-7	8-14	Not uniform in size or bloom time.	9-11	20-25	Good vigor but not as floriferous as some other impatiens.
<i>Impatiens walleriana</i> 'Swirl Pink'	Pk	3-6	4-12	Not uniform in size or bloom.	6-11	10-19	Not uniform in size or bloom.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	Unk	**9-11	**30-33	Vigorous but something is chewing holes in the leaves.	*15-17	*to 30	Very vigorous but holes in leaves from insects, worms or slugs.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Margarita'	Shot	**12-14	**33-36	Vigorous but something is chewing holes in the leaves.	*14-15	*to 42	Very vigorous but also many holes in leaves from some insect or worm.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Tricolor'	Shot	6-10	28-30	Not quite as vigorous as previous two; something is also chewing holes in these leaves.	9-10	to 30	Not as vigorous as 'Margarita'; still buggy.
<i>Ipomoea x multifida</i> (Cardinal Climber)	Pk	**Vining to 4'+		Nice and vigorous.	*Vining to 6'		Very vigorous but few flowers.
<i>Ipomoea nil</i> 'Scarlet O'Hara'	TM	**Vining to 4'		Good vigor; both pink and purple flowers?	*Vining to 6'		Very vigorous; not too many flowers, though.
<i>Ipomoea nil</i> 'Sun Smile Blue'	Pk	8-10	15-19	Not vining or blooming.	8-12	to 36	Very vigorous but no flowers and not vining at all; 'bush' variety suited to spill over baskets or walls.
<i>Ipomoea nil</i> 'Sun Smile Red'	Pk	7-10	12-19	Not vining or blooming.	8-12	to 36	Very vigorous but no flowers and not vining at all; 'bush' variety suited to spill over baskets or walls.
<i>Ipomoea quamoclit</i> 'Cypress Vine Mix'	Pk	**Vining to 4'		Looks good with red and white flowers.	*Vining to 6'		Very vigorous but not too many flowers.
<i>Ipomoea quamoclit</i> 'Red Cypress Vine'	Pk	**Vining to 4'		Good vigor and nice red flowers.	*Vining to 6'		Very vigorous but not too many flowers.
<i>Isolepsis cernua</i> 'Live Wire'	Pk	4-5	4-7	Not too vigorous.	---	---	Died.
<i>Juncus inflexus</i> 'Blue Arrows'	PAS	13-16	5-9	Interesting grass.	**18-20	**17-21	Looks great; good uniformity and unique blue-green color.
<i>Juncus pallidus</i> 'Javelin'	PAS	22-31	13-19	Looks good so far.	32-36	13-34	Spread not too uniform.
<i>Lablab purpureus</i> ( <i>Dolichos lablab</i> ) (Purple Hyacinth Bean)	Pk	**Vining to 5'+		No flowers yet but very vigorous and healthy.	**Vining to 8'		Very vigorous and great bloom.
<i>Lantana camara</i> 'Bandana Cherry'	FG	**8-9	**9-12	More uniform in size than 'Bandana Rose'; nice plant habit.	**10-12	**11-14	Nice plants with good size uniformity and vigor.
<i>Lantana camara</i> 'Bandana Rose'	FG	*7-10	*7-13	Not uniform in size but nice plant habit and neat flowers.	10-14	12-16	Not as uniform in size as 'Bandana Cherry' but doing alright.
<i>Laurentia hybrida</i> 'Avant-Garde Blue'	Pk	7-9	8-11	Nice plant with little blue flowers.	11-15	14-21	Good vigor and nice plants but not much bloom.
<i>Lavandula angustifolia</i> 'Potpourri Dark Purple'	Ball	**11-13	**10-15	Nice plants.	*12-13	*9-12	Nice little plants.

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		Height	Spread	Comments	Height	Spread	Comments
<i>Limonium sinuatum</i> (Statice) 'Soiree Mix'	Pk	3-22	9-19	Not uniform in size or bloom time.	9-30	18-26	Not uniform in size or bloom.
<i>Limonium sinuatum</i> (Statice) 'Supreme Extra Pastel Mix'	Pk	5-22	10-19	Not uniform in size or bloom time.	17-27	16-36	Not uniform in size or bloom.
<i>Lobelia erinus</i> 'Techno Blue'	FG	5-7	8-12	Some dying but great bloom.	4-10	7-15	Not uniform in size but bloom good.
<i>Lobelia erinus</i> 'Techno Upright Blue'	FG	**8-10	**8-13	Nice show of blue.	**10-14	**11-19	Nice show!
<i>Lobularia maritima</i> (Sweet Alyssum) 'Avalanche'	TM	**4-5	**10-12	Nice!	**7-9	**12-15	Good bloom and vigor.
<i>Lobularia maritima</i> (Sweet Alyssum) 'Golf'	Unk	**4-6	**11-13	Nice!	**6-8	**12-20	Good bloom and vigor.
<i>Lobularia maritima</i> (Sweet Alyssum) 'Pastel Carpet'	Pk	**5-6	**10-16	Nice!	**6-11	**15-18	Good bloom and vigor.
<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'	Pk	**6-7	**13-16	Nice!	**7-10	**14-22	Good bloom and vigor.
<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Broken Colors'	Pk	*13-15	*17-23	Not as floriferous as 'Limelight'.	**25-35	**33-36	Good bloom and vigor but height could be a bit more uniform.
<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Limelight'	Pk	**11-13	**14-16	Good size uniformity and bloom.	**17-24	**30-31	Good vigor and foliage a nice, bright green color.
<i>Nicotiana glauca</i> 'Aztec'	SC	*15-16	*12-19	Potato beetle infestation two weeks ago-insecticide used; seem to be recovering nicely.	25-37	40-44	Good bloom but not too uniform in size.
<i>Nicotiana glauca</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	*9-16	*7-15	Potato beetle infestation two weeks ago-insecticide used; good bloom but not uniform in size.	**13-19	**11-17	Nice show and potato beetles have not come back.
<i>Nierembergia hippomanica</i> 'Blue Mountain'	Pk	3-4	5-12	1 died; others with good bloom but not uniform in spread.	5-6	11-14	Not uniform in bloom.
<i>Osteospermum ecklonis</i> 'Asti White'	AAS '08	8-14	7-14	Not uniform in size or bloom.	12-18	10-21	Some disease here (Aster Yellows?).
<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	FG	10-12	10-15	Not too floriferous but good vigor.	14-18	15-21	Most vigorous and uniform of the <i>Osteospermum</i> here.
<i>Osteospermum ecklonis</i> 'Tradewinds Pure Yellow'	FG	8-12	6-13	Not uniform in size or bloom.	15-16	11-18	Least full plants of the <i>Osteospermum</i> .
<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	FG	*8-11	*9-13	Best bloom and size uniformity of the <i>Osteospermum</i> .	12-14	16-18	Not as uniform in size or bloom as earlier in the summer.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose II'	FG	**10-11	**11-15	Very nice!	11-14	13-17	Not quite as nice as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'	FG	**8-10	**11-15	Nice show of pink.	**13-15	**13-17	Nicest 'Americana' here right now with the most bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	FG	**10-13	**9-15	Nice!	14-21	24-26	Doing alright but not as floriferous as in Williston.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Splash'	FG	8-10	9-15	Not as uniform or floriferous as the other 'Americana' geraniums.	7-14	7-12	Not uniform in size or bloom at this time.

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		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	FG	**8-10	**11-15	Nice bloom and size uniformity.	*11-12	*9-19	A few smaller plants this time but bloom is good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'	FG	*8-9	*9-12	Smaller than some other geraniums but bloom is good.	**10-14	**11-16	Neat flower color; good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	Pk	**14-15	**17-19	Good bloom and vigor.	**15-19	**14-19	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Scarlet'	FG	**10-13	**12-15	Nice show of color.	16-19	14-16	Nice bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	FG	**12-15	**13-16	Nice plants.	18-22	24-31	Good vigor but bloom not as nice as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Coral'	GS	**13-14	**16-19	Good bloom and vigor.	**19-21	**20-24	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Light Salmon'	GS	**14-16	**17-20	Looks good!	**17-22	**22-26	Looks good!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Salmon'	GS	**12-14	**10-14	Good bloom and vigor.	**15-20	**19-20	Looks nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Maverick Violet'	GS	**12-15	**14-16	Good bloom and vigor.	**12-14	**18-23	Good bloom, vigor and uniformity.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Light Salmon'	GS	6-8	6-11	Not as healthy or big as other geraniums right now.	8-12	8-12	Small and not as floriferous as many other geraniums out here.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Multibloom Scarlet'	GS	6-8	8-11	Not as healthy or big as other geraniums right now.	9-11	8-15	Smaller than most all the other geraniums out here.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Cherry'	GS	**10-12	**12-14	Good bloom and vigor.	*16-18	*18-22	Not as floriferous as 'Orbit Coral' but good vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Coral'	GS	**10-13	**14-16	Good bloom and vigor.	**17-18	**22-27	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Light Salmon'	GS	**10-11	**14-16	Looks good!	13-15	16-25	Not as vigorous or floriferous as some others; not uniform in height.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Orchid'	GS	**10-15	**11-14	Good bloom and vigor.	14-17	18-21	Nice but not quite as vigorous as some other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Dark Red'	FG	**10-13	**13-15	Very nice!	13-16	17-18	Not quite as floriferous as some others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Magenta'	FG	**8-10	**8-13	Bright!	*13-16	*14-21	Not quite as vigorous as 'Rocky Mtn. Pink' or 'Rocky Mtn. Violet' but still very nice plants.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'	FG	**10-12	**12-15	Good bloom.	**15-20	**12-19	Very vigorous with nice bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Red'	FG	**8-11	**11-13	Nice.	6-16	11-13	Not as vigorous or uniform in size as some others right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'	FG	**10-13	**12-15	Very bright color and plants fuller with more vigor than some others.	**14-17	**15-18	Very vigorous with nice bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. White '06'	FG	8-9	8-12	Plants not as full as some others.	*8-18	*14-18	One died but the others look good.

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	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	**10-13	**12-13	Very nice!	**12-18	**12-25	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Hot Pink'	8-9	9-12	Not as floriferous or full as some others but still doing alright.	9-13	11-12	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	6-9	7-13	Not uniform in size but good bloom.	*9-17	*10-21	Good bloom but size uniformity could be better.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	**11-14	**14-16	Nice and full.	**17-20	**18-22	Good vigor and bloom.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	*8-10	*10-13	Looks good.	**10-15	**16-20+	Good vigor and bloom.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	*8-11	*9-13	Not as full as 'Caliente Coral' but still looks good.	9-14	10-16	Not as vigorous as other 'Calientes'.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	6-8	8-14	Good bloom but not uniform in size.	*7-11	*9-17	Good bloom but size uniformity could be better.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'	**9-11	**11-13	Looks good.	**11-12	**12-16	Nice!
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Pink II'	**9-11	**11-13	Very nice!	8-11	16-20	Not as floriferous as 'Freestyle Cherry Rose II'.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle White'	**10-11	**11-14	Good bloom and vigor.	8-14	16-20	Being crowded by 'Freestyle Pink II' and 'Caliente Deep Red'.
<i>Pennisetum glaucum</i> 'Jester'	20-22	5-7	Poor-doesn't seem to transplant well.	23	9	Only 1 plant survived.
<i>Pennisetum glaucum</i> 'Purple Majesty'	16-38	9-16	Poor-only one plant of 12 that has any vigor.	22-35	8-27	Poor-no vigor.
<i>Pennisetum setaceum</i> (Fountain Grass)	**22-24	**24-34	Very nice and vigorous, as usual.	**48-52	**40-42	Very nice and showy.
<i>Pentas lanceolata</i> 'Graffiti Bright Red'	4-8	5-8	Small-just starting to bloom.	7-8	6-12	Bloom alright but size uniformity could be better.
<i>Pentas lanceolata</i> 'Graffiti Pink'	3-8	3-7	Not uniform in size.	4-11	3-12	Not uniform in size; one really small plant.
<i>Pentas lanceolata</i> 'Graffiti Violet'	5-8	6-8	Just starting to bloom.	8-10	9-11	Size uniformity and bloom not too bad.
<i>Pentas lanceolata</i> 'Graffiti White'	4-7	4-6	Just starting to bloom.	6-10	7-11	Not too uniform in size or bloom time.
<i>Pentas lanceolata</i> 'Kaleidoscope Appleblossom'	7-9	6-8	Good bloom uniformity.	7-13	6-13	Not uniform in size.
<i>Pentas lanceolata</i> 'Kaleidoscope Carmine'	5-10	7-11	Not uniform in size.	9-14	10-12	Bloom alright but size uniformity could be better.
<i>Pentas lanceolata</i> 'Kaleidoscope Deep Red'	6-7	7-9	Nice deep red color; size uniformity is good.	**8-11	**9-16	One of the nicer <i>Pentas</i> here right now.
<i>Pentas lanceolata</i> 'Kaleidoscope Lilac'	5-8	4-8	Good bloom.	7-13	7-12	Doing alright.



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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pentstemon lanceolatus</i> 'Northern Lights Lavender'	Ben	6-11	4-13	Best of the <i>Pentstemon</i> here; not uniform in size but good vigor and bloom alright.	**10-14	**12-20	Good bloom and vigor; one of the nicest <i>Pentstemon</i> 's.
<i>Pentstemon hybridus</i> (Spreading) 'Baby Duck Yellow'	PAS	*4-12	*4-20	Very good bloom but not uniform in vigor.	**11-16	**24-36	Mixing in with 'Shock Wave Ivory' and they look very similar.
<i>Pentstemon hybridus</i> (Spreading) 'Blue Wave'	AAS '03	4-7	18-20	Not as full as other 'Waves' but good bloom.	**12-14	**up to 4'	Very vigorous and great bloom.
<i>Pentstemon hybridus</i> (Multiflora) 'Carpet Pink Improved'	PAS	4-7	5-20	Not uniform in size but good bloom.	*11-16	**22-29	Great bloom but not uniform in size.
<i>Pentstemon hybridus</i> (Floribunda) 'Celebrity Blue Improved'	Pk	7-8	11-13	Good size uniformity.	**13-14	**19-25	Good bloom and better size uniformity than 'Celebrity Red Improved'.
<i>Pentstemon hybridus</i> (Floribunda) 'Celebrity Red Improved'	Pk	4-10	5-15	Not uniform in size but good bloom; 1 with Aster Yellows.	10-16	22-36	Good bloom but not uniform in size.
<i>Pentstemon hybridus</i> (Grandiflora) 'Dreams Rose Morn'	PAS	**8-11	**10-14	Nice show of color.	**7-16	**16-36	Good vigor and bloom.
<i>Pentstemon hybridus</i> (Spreading) 'Easy Wave Coral Reef'	PAS	5-8	7-18	Good bloom but not uniform in size; one with Aster Yellows?	**5-13	**36-40	Similar to 'Easy Wave Shell Pink Improved'.
<i>Pentstemon hybridus</i> (Spreading) 'Easy Wave Mystic Pink'	PAS	**4-6	**18-20	Nice show of color.	**up to 19	**up to 36	Looks great!
<i>Pentstemon hybridus</i> (Spreading) 'Easy Wave Shell Pink Improved'	PAS	6-8	14-30	Not uniform in size but good bloom.	**5-13	**36-40	Good vigor and bloom.
<i>Pentstemon hybridus</i> (Milliflora) 'Fantasy Blue'	GS	5-7	6-13	Not uniform in size but good bloom.	8-11	13-14	Good bloom but not uniform in height.
<i>Pentstemon hybridus</i> (Milliflora) 'Fantasy Crystal Light Salmon'	GS	5-7	5-11	Not uniform in size but good bloom.	6-11	7-20	Good bloom but not uniform in size.
<i>Pentstemon hybridus</i> (Milliflora) 'Fantasy Ivory'	GS	5-7	8-11	Looks alright.	7-9	12-17	Good bloom but not uniform in size.
<i>Pentstemon hybridus</i> (Large-flowered Trailing) 'Jamboree Hot Pink'	FG	**5-8	**18-20	Very bright!	**9-12	**24-36	Nice mass of pink.
<i>Pentstemon hybridus</i> (Large-flowered Trailing) 'Jamboree Light Blue'	FG	**9-11	**18-22	Nice!	**9-12	**24-32	Good vigor and bloom.
<i>Pentstemon hybridus</i> (Spreading) 'Lavender Wave'	AAS '02	**4-5	**20-24	Good vigor and bloom.	**10-12	**up to 5'	Very vigorous!
<i>Pentstemon hybridus</i> (Grandiflora) 'Limbo Violet'	AAS '04	4-6	5-11	Not uniform in size or vigor.	**6-8	**13-17	Nice bloom!
<i>Pentstemon hybridus</i> (Grandiflora) 'LoGro White'	Gri	*6-9	*9-12	Good bloom but lacking some uniformity in size.	4-8	12-16	Not as floriferous as 'LoGro Yellow'.
<i>Pentstemon hybridus</i> (Grandiflora) 'LoGro Yellow'	Gri	*7-8	*6-14	Good bloom but lacking some uniformity in size.	**11-15	**up to 24'	More of an upright <i>Pentstemon</i> ; good bloom and vigor.
<i>Pentstemon hybridus</i> (Floribunda) 'Madness Red Improved'	Ball	5-9	5-14	Good bloom but not uniform in size.	8-14	18-25	Good bloom right now but not uniform in size.
<i>Pentstemon hybridus</i> (Multiflora) 'Merlin Blue Morn'	AAS '03	7-8	7-17	Pretty flowers and good bloom but not uniform in size.	**9-11	**23-33	Good bloom and vigor.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	AAS '07	**6-7	**22-24	Good bloom and vigor but becoming crowded by 'Jamboree Light Blue'.	**8-13	**36-40	Looks nice but being crowded by its neighbors.
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	AAS '95	*3-6	*6-18	Good bloom but not uniform in size.	**10-12	**up to 5'	Looks great!
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	PAS	**8-10	**14-18	Good bloom and vigor.	**11-16	**24-30	Mixing in with 'Baby Duck Yellow'; very good vigor and bloom.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'	PAS	**10-12	**14-18	Nice mass of color; very vigorous and is overtaking neighboring petunias.	up to 17	24-30+	Being overtaken by neighboring plants.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	PAS	**11-14	**18-22	Very nice show of color.	12-16	up to 36	Some of the middle plants are dying.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'	PAS	3-9	3-16	2 very small plants; not uniform in size.	**9-14	**up to 36	Nice show of pink.
<i>Petunia hybrida</i> (Grandiflora) 'Stars and Stripes'	Ball	10-13	9-16	Not uniform in size but good bloom.	8-20	18-25	Good bloom but not uniform in size.
<i>Petunia hybrida</i> (Grandiflora) 'Sunlight Mix'	Pk	7-12	9-14	Not uniform in size but good bloom.	14-17	( )	Being over-run by 'Tidal Wave Silver' so difficult to see.
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	AAS '02	**to 16	**to 36	Very vigorous and floriferous.	**20-24	**to 48	Great bloom and vigor!
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	AAS '88	**10-12	**14-16	Good bloom and vigor.	10-15	18-22	Not quite as vigorous as some others but doing alright.
<i>Petunia hybrida</i> (Mini-flowered) 'Trailing 'Whispers Blue'	FG	**4-6	**13-17	Nice and vigorous.	**6-9	**18-20	Good vigor but 'Whispers Rose Vein' is crowding it a bit.
<i>Petunia hybrida</i> (Mini-flowered) 'Trailing 'Whispers Red'	FG	**8-10	**13-17	Good vigor and bloom.	**9-14	**24-30	Nice show of red.
<i>Petunia hybrida</i> (Mini-flowered) 'Trailing 'Whispers Rose Vein'	FG	**8-10	**15-20	Nice mass of pink.	**8-15	**36-40	Very, very nice!
<i>Plectranthus argentatus</i> 'Silver Shield'	Pk	**13-17	**18-36	Good vigor and show of foliage.	**20-24	**33-46	Very nice and vigorous!
<i>Portulaca grandiflora</i> (Moss Rose) 'LoGro White'	Gri	4-8	5-11	Not uniform in size but good bloom right now.	3-6	4-11	Not uniform in size or bloom and no vigor.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'	AAS '02	10-20	10-14	Not quite blooming yet.	20-27	28	Good bloom; one plant with Aster Yellows?
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Corona'	Ben	3-9	1-8	Small and not uniform in size.	7-11	2-11	Some died; not uniform in size.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Prairie Sun'	AAS '03	10-21	8-13	Not uniform in size or bloom.	13-29	10-25	Not uniform in size but good bloom.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Radiance'	Ball	4-12	2-7	Not uniform in size or bloom but flowers are neat.	3-16	2-7	Neat flowers but not uniform in size-one really small plant.
<i>Salvia farinacea</i> 'Evolution'	AAS '06	4-19	6-14	Not uniform in size, vigor or bloom; it usually does better than this.	**18-21	**14-16	Nice!
<i>Salvia splendens</i> 'Vista Rose'	PAS	5-11	4-7	Not uniform in size or bloom.	9-13	6-14	Past peak bloom but healthy; one smaller plant.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Scabiosa japonica</i> var. <i>alpina</i> 'Ritz Blue'	Ben	1-6	5-9	Not uniform in size, bloom or vigor.	3-6	6-13	Not uniform in size or bloom.
<i>Spilanthes oleracea</i> 'Peek-A-Boo'	PAS	**7-9	**15-20	Good vigor and bloom.	**10	**21-24	Very uniform in height and great bloom.
<i>Stipa tenuissima</i> 'Ponytails'	Pk	**13-16	**9-12	Good vigor.	17-26	16-31	Good vigor but not uniform in size.
<i>Tagetes erecta</i> (Marigold) 'Antigua Gold'	Pk	8-11	9-13	Not uniform in bloom but good vigor.	9-15	10-18	Good bloom but not uniform in size.
<i>Tagetes erecta</i> (Marigold) 'Antigua Orange'	Pk	**9-12	**10-11	Nice.	10-14	12-17	One dead.
<i>Tagetes erecta</i> (Marigold) 'Antigua Primrose'	Pk	8-10	7-10	Not uniform in size but good bloom.	7-12	10-18	One dead; 2 dying.
<i>Tagetes erecta</i> (Marigold) 'Antigua Yellow Hybrid'	Pk	6-10	6-13	Good bloom but not uniform in size.	8-12	12-16	2 dying.
<i>Tagetes erecta</i> (Marigold)							
'Discovery Orange Hybrid'	TM	8-12	9-16	Not uniform in size.	9-15	12-20	Not uniform in size.
<i>Tagetes erecta</i> (Marigold) 'Jubilee Mixed'	Pk	**17-19	**15-17	Looks good.	10-26	21-26	Not uniform in size but bloom alright.
<i>Tagetes erecta</i> (Marigold) 'Vanilla'	PAS	10-16	6-15	1 with Aster Yellows and 1 really small.	12-20	11-22	Not very healthy; 3 died and the rest have purpling leaves-possible Aster Yellows.
<i>Tagetes erecta</i> (Marigold)							
'Whopper Gold'	Pk	**19-22	**17-20	Nice.	14-18	18-26	One dead; one with Aster Yellows.
<i>Tagetes erecta</i> (Marigold)							
'Whopper Orange'	Pk	**14-15	**14-18	Nice.	18-23	26-30	One dying; the rest are nice.
<i>Tagetes erecta</i> (Marigold)							
'Whopper Yellow'	Pk	10-19	6-18	One really small plant, others are nice.	16-22	22-25	One dying; others alright.
<i>Tagetes patula</i> (French Marigold)							
'Aurora Mix'	Pk	5-7	6-10	Not uniform in size but bloom alright.	6-9	10-14	One died; only 5 others.
<i>Tagetes patula</i> (French Marigold)							
'Double Pinwheel'	SC	21-24	12-19	Big, falling over and one with Aster Yellows.	---	---	Died.
<i>Tagetes patula</i> (French Marigold)							
'Janie Deep Orange'	Pk	5-6	4-9	Not uniform in size but bloom alright.	5-9	5-17	Not uniform in size.
<i>Tagetes patula</i> (French Marigold)							
'Janie Flame'	Pk	4-9	7-11	One with Aster Yellows.	7-11	9-15	Not uniform in size.
<i>Tagetes patula</i> (French Marigold)							
'Janie Gold'	Pk	6-8	6-12	Good bloom but not uniform in size.	7-12	9-19	1 died; only 3 left.
<i>Tagetes patula</i> (French Marigold)							
'Janie Yellow'	Pk	5-6	7-8	Doing alright.	5-10	9-14	Doing alright.
<i>Tagetes patula</i> x <i>erecta</i> (Hybrid Marigold) 'Sunburst Orange Splash'	Pk	12-13	11-15	Good bloom; nicer than 'Zenith Red'.	10-11	13-16	Doing alright.
<i>Tagetes patula</i> x <i>erecta</i> (Hybrid Marigold) 'Zenith Red'	Pk	6-13	4-12	Not uniform in size and one with Aster Yellows.	8-13	8-19	Doing alright.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Talinum paniculata</i> 'Limon'	PAS	**23-25	**19-22	Good vigor; interesting bright green foliage with tiny red 'balls' of flowers held high above- neat!	**up to 36	**36-40	Very unique looking; healthy and vigorous.
<i>Thunbergia alata</i> (Black-eyed Susan Vine)	Pk	Vining to 3-4'	Vining to 3-4'+	Good vigor and flower production.	**Vining to 5'		Good bloom and vigor.
<i>Thunbergia alata</i> 'Blushing Susie'	Pk	Vining to 3-4'	Vining to 3-4'+	Good vigor and flower production.	**Vining to 5'		Good bloom and vigor.
<i>Thunbergia alata</i> 'Sunrise Surprise'	Pk	Vining to 3-4'	Vining to 3-4'+	Good vigor and flower production.	**Vining to 5'		Good bloom and vigor.
<i>Thunbergia alata</i> 'White-eyed Susie'	Pk	Vining to 3-4'	Vining to 3-4'+	Good vigor and flower production.	**Vining to 5'		Good bloom and vigor.
<i>Tithonia rotundifolia</i> 'Fiesta del Sol'	AAS '00	16-19	18-22	Good size uniformity and vigor but not a lot of blooms.	23-29	28-33	Flowers and foliage are dried and crispy on the edges; environmental or disease?
<i>Tropaeolum majus</i> (Nasturtium) 'Alaska Gold'	Pk	4-5	3-5	Small with no vigor.	5-6	3-9	Small; not uniform in size and no flowers.
<i>Tropaeolum majus</i> (Nasturtium) 'Whirlybird Mix'	Pk	5-11	3-16	Not uniform in size, vigor or bloom; one nice plant out of 12.	3-11	2-18	Not uniform in size or vigor and not many flowers.
<i>Verbena x hybrida</i> 'Escapade Bright Eye'	FG	**up to 10	**up to 20	Good vigor-solid mass of plants.	*8-12	*up to 30	Good vigor but lull in bloom right now.
<i>Verbena x hybrida</i> 'Garden Leader FL Blue'	Gri	**7-9	**38-40	Very nice ground cover.	**15-17	**up to 5'	Very vigorous!
<i>Verbena x hybrida</i> 'Lanai Blush White'	FG	**5-7	**up to 15	Nice but being overrun by 'Lanai Red'.	7-9	8-12	Being crowded by neighboring verbena.
<i>Verbena x hybrida</i> 'Lanai Peach'	FG	**4-7	**14-18	Good bloom but being overrun by 'Escapade Bright Eye'.	4-6	15-20	Still crowded by 'Escapade Bright Eye'.
<i>Verbena x hybrida</i> 'Lanai Red '07'	FG	**to 11	**14-18	Nice mass of red.	*up to 11	*18-22	Not much bloom right now but good vigor.
<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'	FG	**7-9	**12-20	Good bloom but being overrun by 'Escapade Bright Eye'.	8-9	18-20	Not much bloom right now.
<i>Verbena x hybrida</i> 'Quartz XP Purple'	PAS	6-10	9-12	Doing alright.	6-8	15-18	Nice plants.
<i>Verbena x hybrida</i> 'Quartz XP Red Eye'	PAS	5-6	10-18	Good bloom but not uniform in size.	4-5	13-16	Nice color but being crowded by 'Garden Leader Blue' verbena.
<i>Verbena x hybrida</i> 'Quartz XP Scarlet'	PAS	6-8	12-15	Nicest of the 'XP' verbena.	**7-9	**15-20	Best bloom and uniformity of the 'XP' verbena.
<i>Verbena x hybrida</i> 'Quartz XP Silver'	PAS	5-8	11-16	Not uniform in size or bloom.	7-10	23-28	Most vigorous of the 'XP' verbena.
<i>Verbena x hybrida</i> 'Quartz XP White'	PAS	2-8	3-10	Least vigorous of the 'XP' verbena and not uniform in size.	7-9	12-14	Doing alright.
<i>Vigna caracalla</i> (Corkscrew Vine)	Pk	( )	( )	No bloom yet but vigor alright.	Vining to 5'		Really good vigor but no flowers yet.
<i>Viola</i> F1 'Skippy XL Plum-Gold'	AAS '08	*5-6	*5-11	Nice bloom and uniform in height but not width.	**6-8	**10-13	Good bloom, vigor and uniformity.

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Genus species 'Cultivar'	Seed/Plant Source	July 31			September 12		
		Height	Spread	Comments	Height	Spread	Comments
<i>Viola</i> F1 'Skippy XL Red-Gold'	AAS '06	**5-6	**6-11	Nice bloom but not uniform in spread.	**6-7	**10-14	Good bloom and vigor.
<i>Viola wittrockiana</i> (Pansy) 'Frosty Rain'	PAS	**5	**9-11	Nice bloom and size uniformity.	**5-8	**13-16	Good bloom and size uniformity.
<i>Viola wittrockiana</i> (Pansy) 'Majestic Giants Mixed'	AAS '66	2-6	3-8	Not uniform in vigor or bloom.	3-6	5-13	Not uniform in size or bloom. Being crowded by <i>Amaranthus</i> 'Dreadlocks'; becoming 'ratty' looking.
<i>Zea mays</i> 'Tiger Cub'	Pk	24-36	14-20	Unique, white and green foliage.	25-28	12-20	Nice plants with good bloom, vigor and size uniformity.
<i>Zinnia angustifolia</i> 'Crystal Orange'	Pk	**6-8	**5-7	Small but nice with good bloom.	**9-11	**11-14	
<i>Zinnia angustifolia</i> 'Crystal White'	AAS '97	5-9	8-12	Not uniform in size or bloom.	7-12	7-19	Good bloom but size uniformity is poor.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	*5-11	*6-12	Mostly good bloom and vigor but a few smaller plants.	*9-17	*7-18	Good bloom but not uniform in height.
<i>Zinnia elegans</i> 'Magellan Mix'	Pk	*5-10	*7-14	Good bloom but not uniform in size.	*10-13	*12-19	Good bloom but not uniform in size.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	*10-15	*6-14	Mostly good bloom and vigor but a few smaller plants.	**21-23	**13-20	Some powdery mildew showing up, otherwise very healthy and floriferous.
<i>Zinnia</i> hybrid 'Profusion Apricot'	Pk	**9	**13-15	Good plant habit and bloom.	**12-15	**16-18	Looks nice!
<i>Zinnia</i> hybrid 'Profusion Cherry'	Pk	**8-10	**16-19	Nice deep pink color.	**14-16	**25-29	Nice deep pink but older flowers are faded.
<i>Zinnia</i> hybrid 'Profusion Coral Pink'	Pk	**9-10	**13-15	Looks great!	**12-14	**24-25	Good bloom and size uniformity.
<i>Zinnia</i> hybrid 'Profusion Deep Apricot'	Pk	**9-10	**10-12	Good bloom and vigor.	**14-17	**20-22	Looks nice!
<i>Zinnia</i> hybrid 'Profusion Double Cherry'	Pk	**9-11	**14-17	Nice, deep color.	**14-19	**24-30	Nice deep color but older flowers are quite faded.
<i>Zinnia</i> hybrid 'Profusion Fire'	Pk	**7-9	**13-15	Good bloom and vigor.	**9-14	**21-26	Nice deep orange color that's not fading at all; good size uniformity.
<i>Zinnia</i> hybrid 'Profusion Knee-High Red'	Ball	10-13	13-16	Nice deep color and good bloom.	**14-20	**20-24	Very good bloom and vigor.
<i>Zinnia</i> hybrid 'Profusion Knee-High White'	Ball	10-13	13-17	A little less uniform in size than some other 'Profusions'.	**17-21	**20-24	Nice show of white.
<i>Zinnia</i> hybrid 'Profusion Orange'	Pk	**9-10	**13-15	Similar to the other 'Profusions'.	**14-18	**23-28	Good bloom and size uniformity.
<i>Zinnia</i> hybrid 'Profusion White'	Pk	**8-9	**11-13	Not as floriferous as the others but still nice.	*9-13	*15-21	Not as uniform in size as the other 'Profusion' zinnias.
<i>Zinnia maritima</i> 'Solcito'	Ball	5-8	5-15	Not uniform in size and bloom not great.	**9-13	**17-36	Good bloom and vigor but being crowded by 'Profusion Knee-High White'.

## 2007 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.

### Dickinson-2007

Genus species 'Cultivar'	Seed/Plant Source	July 11			August 28		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	FG	2-6	5-10	Small with lots of buds but no blooms.	6-7	15-16	Only 2 of 6 are still alive but those are nice.
<i>Agastache foeniculum</i> 'Golden Jubilee'	AAS '03	3-7	2-7	No bloom and one really small plant out of six planted.	*5-24	*3-18	Four very nice plants and one very small one.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	3-5	4-6	Rabbits ate all of the buds off.	8-13	9-14	Lots of buds but few open flowers.
<i>Alternanthera dentata</i> 'Royal Tapestry'	PAS	1-2	5-22	One really small plant; otherwise alright.	**7-9	**36-38	Very nice ground cover.
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	FG	*8-10	*10-14	Looks nice.	**11-13	**23-24	Size uniformity and bloom good.
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	FG	*6-10	*12	Good uniformity in spread.	**9-10	**17-18	Good bloom and size uniformity.
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	FG	*8-10	*8-10	Nice.	**13-16	**24-26	Nice bloom and size uniformity.
<i>Angelonia angustifolia</i> 'Carita Lavender'	FG	*12-13	*10	Tallest of the <i>Angelonia</i> .	**15-19	**20-21	Nice.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	FG	*7-8	*5-10	Good bloom and vigor.	*6-8	*7-12	Not uniform in size but best bloom of the snapdragons right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan White'	FG	6-8	9-13	Good bloom but not uniform in size.	7-8	14-16	Best size uniformity but bloom not as good as other snapdragons.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	FG	6-9	8-12	Similar to other two snapdragons.	7-9	11-15	Not as floriferous as 'Sultan Red & Yellow'.
<i>Argyranthemum</i> 'Sassy White'	FG	6-9	9-13	Not uniform in size and just starting to bloom.	7-11	15-21	Plants alright but past peak bloom and one plant looks like it may have Aster Yellows.
<i>Begonia semperflorens</i> 'Nightlife Deep Rose Improved'	Ben	4-5	3-5	Nice plants.	7-9	7-9	Good bloom but plants are small.
<i>Begonia semperflorens</i> 'Nightlife Pink'	Ben	*5-8	*3-7	Nice bloom but size not uniform.	6-8	6-10	Good bloom but plants are small and not uniform in size.
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	FG	2-5	2-6	No vigor or blooms.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Dark Blue'	FG	1-2	3-6	No vigor or blooms.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	FG	1-2	2-3	Some have died.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	FG	1-3	2-5	No vigor or blooms.	---	---	Died.
<i>Calibrachoa x hybrida</i> 'Callie Rose '06'	FG	2-4	5-6	Only one with flowers.	---	---	Died.

## Dickinson-2007

Genus species 'Cultivar'	Seed/Plant Source	July 11			August 28		
		Height	Spread	Comments	Height	Spread	Comments
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	5-8	6-8	Not much bloom yet.	16-28	22-23	Very vigorous plants but not many peppers.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3-5	2-5	Small and no bloom yet.	*8-9	*11-12	Looks good.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	AAS '03	4-6	4-7	No bloom yet but size uniformity is good.	9-12	11-12	Plants mostly alright but one looks like it has Aster Yellows.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	4-8	4-6	Small but good bloom.	**12-13	**14-15	Nicest vinca here with good bloom and vigor.
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	2-10	3-6	One really small plant.	10-14	11-15	Not as nice as in years past; not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	10-11	6-8	Only 4 plants here.	9-14	12-14	Not as nice as in years past; not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	3-13	2-8	One really small plant-other five are uniform in size.	9-20	10-15	One really small plant; others are doing well.
<i>Delphinium grandiflorum</i> 'Summer Morning'	Ben	2-3	1-2	Poor-no vigor and only 3 of 6 plants still alive.	5-8	2-5	Only 2 plants still alive-poor with no vigor.
<i>Dianthus F1</i> 'Supra Purple'	AAS '06	6-8	4-7	Small but not too bad.	7-9	6-10	Past peak bloom; small plants.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	10-14	9	Lots of buds but no bloom; very uniform in spread.	10-14	10-15	Bloom alright but needs deadheading.
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	AAS '03	4-6	4	Small but lots of flowers.	4-6	5-7	Past peak bloom; small plants.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	4-7	3-6	Small but lots of flowers.	4-7	3-7	Small-one sickly plant.
<i>Diascia barberae</i> 'Darla Deep Salmon'	FG	2-4	3	Not too vigorous and not many flowers.	---	---	Died.
<i>Diascia barberae</i> 'Darla Light Pink'	FG	6-10	8-10	Good bloom and fairly good vigor.	**9-11	**15-18	Nice bloom and size uniformity.
<i>Diascia barberae</i> 'Diamonte Coral Rose'	AAS '06	3-10	4-8	One really small plant out of six.	4-8	6-12	Not uniform in size-one really small plant; bloom is alright.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Forever White'	AAS '03	4-8	3-6	Flowers got fried by 102°F heat the previous Saturday.	4-7	5-8	Not uniform in size and past peak bloom.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	2-7	3-8	Not uniform in size or bloom.	6-13	10-20	Not uniform in size or bloom.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	4-11	7-12	Not uniform in size or bloom.	9-11	12-17	Not doing well; looks like Aster Yellows on a few plants.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose'	AAS '04	1-2	2-3	Very small.	---	---	Gone.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Hot Rose on Gold'	FG	4-5	7-8	Least bloom of the New Guineas.	5-6	8-10	Doing alright but not great.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	FG	5-6	5-7	Most bloom of the New Guineas.	6-7	8-11	Doing alright.

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Genus species 'Cultivar'	Seed/Plant Source	July 11			August 28		
		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Sweet Purple'	FG	3-5	5-8	Doing alright.	4-5	7-10	Doing alright but not great.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Cherry Cream'	FG	4-6	7-8	Uniform in size but not bloom.	5-6	9-11	A little more vigor than the others.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	FG	*4-5	*7-9	Not too bad.	**6-8	**9-12	Very good bloom.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly White II'	FG	3	7-9	Uniform in height.	3-5	6-12	Very good bloom but not uniform in size.
<i>Impatiens walleriana</i> 'LoGro Deep Salmon'	Gri	3-5	6-10	Best bloom of the impatiens right now.	**7-9	**18-20	Nice with good bloom and vigor.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'	FG	4-6	6-10	Doing alright.	**6-8	**15-16	Good vigor and bloom.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Pink '06'	FG	4	6-8	Not much bloom.	6-8	12-15	Size uniformity better than some other impatiens.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Purple'	FG	4-6	7-10	Not much bloom.	5-8	8-14	Not uniform in size.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Red Star'	FG	4-6	5-7	Doing alright.	6-8	7-12	Not as vigorous as 'Silhouette Rose '06' and not uniform in size.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Rose '06'	FG	4	7-12	OK.	4-7	11-15	Not uniform in size.
<i>Lantana camara</i> 'Bandana Cherry'	FG	4-6	6-8	Buds but no blooms; plants are vigorous with good plant habit.	10	16-17	Nice but not as floriferous as 'Bandana Rose'.
<i>Lantana camara</i> 'Bandana Rose'	FG	5-8	7-8	Only one flower right now but lots of buds and plants are vigorous.	**12-16	**18-21	Slightly more vigorous and floriferous than 'Bandana Cherry'.
<i>Lobelia erinus</i> 'Techno Blue'	FG	*3-6	*10-14	Good bloom but size uniformity could be better.	**6-7	**13-15	Nice show of blue.
<i>Lobelia erinus</i> 'Techno Upright Blue'	FG	**12-14	**7-8	Good bloom and size uniformity.	*9-12	*17-23	Not uniform in spread but good bloom and nice show of bloom.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	**15-16	**15-16	Very uniform in size and good bloom.	**19-22	**20-22	Doing very nicely with good bloom and vigor.
<i>Osteospermum ecklonis</i> 'Asti White'	AAS '08	4-12	4-9	One really small plant and only one flower on any of the plants.	13-16	17-21	Similar to the others.
<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	FG	9	10-12	Good size uniformity and bloom alright.	12-13	23-24	Very uniform in size but bloom not that great.
<i>Osteospermum ecklonis</i> 'Tradewinds Pure Yellow'	FG	8	8-9	Fairly uniform in size but not bloom-3 of 6 plants with flowers.	11-13	12-15	Good vigor but bloom not great.
<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	FG	8	11-12	One died; uniform in size but just starting to bloom.	10-12	17-20	Plants are alright but bloom not great.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose II'	FG	6-10	8-9	Bright color.	**9-12	**14-15	Nice here but much better in Williston.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'	FG	4-7	7-10	Big blooms on small plants.	7-10	10-15	Much nicer in Williston.



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Seed/Plant Source	July 11			August 28		
	Height	Spread	Comments	Height	Spread	Comments
<i>Genus species</i> 'Cultivar'						
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	6-9	6-9	Small but uniform.	8-10	10-13	Much nicer in Williston.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Splash'	8-9	6-10	Uniform in height.	5-8	8-12	Doing alright but better in Williston.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	6-8	5-8	Small but doing alright.	4-10	5-11	Two plants are really small-may be in a dry corner.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'	5-8	5-10	Neat, speckled flowers.	7-8	8-14	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Scarlet'	7-9	6-10	Small but bloom alright.	9-11	10-13	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	7-9	5-8	Alright.	10-15	14-16	Looks alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Dark Red'	7-8	6-12	Small but bloom alright.	8-10	10-16	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Magenta'	6-8	7-8	Fairly uniform in size.	8-10	9-12	Ok.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'	5-8	6-9	Small but bloom alright.	8-11	11-18	Ok.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Red'	7-10	6-7	Uniform in spread.	7-11	11-14	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'	6-8	5-8	Small but alright.	**9-10	**12-14	One of the nicer ones right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. White'	5-8	6-8	Small but uniform in size.	6-10	9-16	Not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	6-8	6-8	Doing alright.	**9-12	**12-14	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Hot Pink'	3-5	5-7	Not uniform in bloom-two of six plants not blooming.	5-6	8-11	Similar to the others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	6-8	7-9	Small but uniform in size.	8-9	9-13	Looks alright.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	7-9	10-12	Nice, bright color.	**9-12	**19-22	Good bloom and vigor.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	4-8	9-10	Doing alright.	**9-10	**18-19	Good bloom and vigor.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	4-8	8-10	Only 3 of 6 plants with flowers.	**10-11	**13-18	Looks good.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	3-9	5-11	Small but not too bad.	6-7	12-20	Doing alright.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'	5-6	10-12	Bloom and vigor are ok.	**8-10	**20-22	Nicest 'Freestyle' geranium here right now.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Pink II'	6-7	7-12	Bloom and vigor are ok.	6-10	12-19	Doing alright.

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Genus/species 'Cultivar' Seed/Plant Source	July 11			August 28			
	Height	Spread	Comments	Height	Spread	Comments	
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle White'	FG	6-9	9-10	Doing alright.	8-10	12-18	Doing alright.
<i>Pennisetum glaucum</i> 'Purple Majesty'	AAS '03	41-42	12	Not too bad.	36-42	10-12	Not doing that well.
<i>Pennisetum setaceum</i> (Fountain Grass)	Pk	20-25	19-20	Showing some heat damage from 102°F temp. on the previous Saturday.	**40+	**36	Very nice!
<i>Pentas lanceolata</i> 'Northern Lights'	Ben	5-8	4-5	Some bloom; vigor alright.	5-9	5-10	Small and not uniform in size or bloom.
<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	PAS	*5-6	*12-26	Good vigor and bloom.	9-11	26-36	Leaves are yellowing.
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	AAS '03	4-6	8-16	Good bloom; one really small plant.	6-8	15-22	Yellowing foliage and not uniform in size.
<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	PAS	**6-7	**7-10	Nice uniformity and bloom right now.	10-13	25-30	Plants are yellowing and one died.
<i>Petunia hybrida</i> (Large-flowered) 'Trailing' 'Jamboree Hot Pink'	FG	*4-6	*14-18	Looks good.	**8-9	**36-38	Good bloom and not as much leaf yellowing as in the other petunias.
<i>Petunia hybrida</i> (Large-flowered) 'Trailing' 'Jamboree Light Blue'	FG	**4-8	**5-20	One really small plant; otherwise good bloom and vigor on others.	8-9	36-42	The foliage is really yellowing in these plants.
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	AAS '02	3-5	7-16	Not uniform in spread and one small plant.	6-8	15-22	Yellowing foliage and not uniform in size.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	**4-7	**7-9	Nice uniformity and bloom right now.	**4-5	**18-20	Good bloom and vigor.
<i>Petunia hybrida</i> (Grandiflora) 'LoGro White'	Gri	3-4	6-8	Not uniform in bloom or size.	**6-7	**19-21	Only a bit of yellowing in the foliage.
<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'	Gri	*5-6	*8-12	Uniform in size and bloom alright.	8-12	19-24	Good bloom but foliage yellowing.
<i>Petunia hybrida</i> (Floribunda) 'Madness Red Improved'	Ball	5-6	5-10	Looks good.	7-11	12-20	Good bloom.
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	AAS '07	3-6	12-16	Not as floriferous as some other petunias.	**5-10	**36-38	Good bloom and only a bit of yellowing in the foliage.
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	AAS '95	2-3	4-16	One really small plant; otherwise doing alright.	**5-6	**36-38	Good bloom and not as much leaf yellowing as in the other petunias.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	PAS	**4-8	**18	Uniform in spread and good vigor and bloom.	9-11	20-24	Very good bloom and some yellowing of the foliage.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'	PAS	**5-8	**14-22	Nice.	9-11	30-32	Good bloom but foliage yellowing.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	PAS	*2-6	*14-27	Not uniform in spread.	**10-11	**30-36	Good bloom and only a bit of yellowing in the foliage.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'	PAS	*4-6	*10-12	Not as floriferous as some others but still nice.	7-8	21-24	Foliage really yellowing on this one.
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	AAS '88	*4-7	*9-12	'Limbo Violet' but still doing alright.	10-15	22-27	Yellowing foliage.

## Dickinson-2007

Genus/species 'Cultivar'	Seed/Plant Source	July 11			August 28		
		Height	Spread	Comments	Height	Spread	Comments
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	FG	**4-5	**11-14	Good bloom and vigor.	6-8	20-28	Foliage yellowing.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Red'	FG	*8-11	*10-14	Good bloom but not quite as vigorous as some others.	8-10	17-20	Foliage not yellowing as much as some others.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	FG	**4-5	**14-22	Very nice!	6-8	22-30	Foliage yellowing; only one plant looks really nice.
<i>Portulaca grandiflora</i> (Moss Rose)							
'LoCro White'	Gri	2-3	2-5	Small with no bloom and not much vigor.	3-6	6-14	Not uniform in size.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Prairie Sun'	AAS '03	4-8	3-7	Small and rabbits eating blossoms.	9-21	6-16	Not uniform in size or bloom.
<i>Salvia farinacea</i> 'Evolution'	AAS '06	6-12	4-7	Looks good.	*12-20	*10-14	Good bloom but size uniformity could be better.
<i>Salvia splendens</i> 'Vista Rose'	PAS	2-7	2-6	One really small plant; otherwise doing alright.	*9-11	*10-14	Good bloom; size uniformity could be better.
<i>Tagetes erecta</i> (Marigold) 'Vanilla'	PAS	7-12	4-7	Rabbits have chewed three of these.	**14-17	**15-17	Looks good.
<i>Verbena x hybrida</i> 'Escapade Bright Eye'	FG	6-8	22	Most vigorous of the verbena right now; just starting to bloom and uniform in size.	*8-9	*38-40	Very vigorous but decline in bloom.
<i>Verbena x hybrida</i> 'Lanai Blush White'	FG	2-4	8-11	Small and not much bloom yet.	5-6	19-20	Being overrun by 'Escapade Bright Eye'.
<i>Verbena x hybrida</i> 'Lanai Peach'	FG	2-4	12-16	Small and not much bloom yet.	4-5	19-28	One yellowing plant-Aster Yellows?
<i>Verbena x hybrida</i> 'Lanai Red '07'	FG	1-2	12-18	Not much bloom right now.	**6-7	**30-31	Good vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Royal Purple'	FG	2-6	14-16	Not much bloom right now.	**6-8	**25-27	Good vigor and bloom.
<i>Viola</i> F1 'Skippy XL Plum-Gold'	AAS '08	3-5	6-9	Some rabbit damage.	4-6	3-5	Small; this area a bit weedy.
<i>Viola</i> F1 'Skippy XL Red-Gold'	AAS '06	3-4	6-8	Some rabbit damage.	5-6	4-6	Small; this area a bit weedy.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	9-10	2-10	Not uniform in size.	**13-15	**13-17	Good bloom and vigor.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	9-18	6-8	Not uniform in size and just starting to bloom.	**19-22	**18-22	Good bloom and vigor.
<i>Zinnia</i> hybrid 'Profusion Knee-High Red'	Ball	7-8	5-10	Just starting to bloom.	11-18	14-20	Not uniform in vigor-some dead or dying and some very vigorous.
<i>Zinnia</i> hybrid 'Profusion Knee-High White'	Ball	10-12	6-9	Just starting to bloom.	11-17	17-27	Not uniform in vigor-some dead or dying and some very vigorous.
<i>Zinnia maritima</i> 'Solcito'	Ball	3	5	Only one plant here.	7	21	Only one plant but it's nice.

## 2007 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.

### Williston-2007

Genus species 'Cultivar'	Seed/Plant Source	July 12			August 27		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	FG	**10-11	**18-19	Nice show of white.	10-11	16-18	Past peak bloom but good size uniformity.
<i>Agastache foeniculum</i> 'Golden Jubilee'	AAS '03	6-10	7-10	Just starting to bloom and not uniform in size.	*19-26	*13-22	Not uniform in height but good bloom and vigor.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	11-12	12-14	Good vigor but no flowers yet.	*21-32	*12-25	Very good bloom but not uniform in size.
<i>Alternanthera dentata</i> 'Royal Tapestry'	PAS	1-2	9-13	Doing alright.	**2-5	**32-36	Nice ground cover.
<i>Angelonia angustifolia</i> 'Carita Cascade Deep Purple'	FG	*5-9	*8-12	Not quite as uniform as 'Carita Deep Pink' and 'Carita Lavender' but bloom good.	**12-15	**20-23	Good bloom, uniformity and vigor.
<i>Angelonia angustifolia</i> 'Carita Cascade White '07'	FG	6-8	10-12	Smallest of the four <i>Angelonia</i> but bloom is nice.	**10-11	**19-22	Very nice.
<i>Angelonia angustifolia</i> 'Carita Deep Pink'	FG	**12	**8-11	Very uniform in size and good bloom.	**18-22	**23-25	Nice bloom, uniformity and vigor.
<i>Angelonia angustifolia</i> 'Carita Lavender'	FG	**11-12	**10-13	Very nice!	**20-25	**24-26	Nice.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Red & Yellow'	FG	**8-10	**12-14	Floriferous and vigorous.	10-12	17-19	Not quite as uniform in size as other 2 'Sultan' snapdragons.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan White'	FG	**8-9	**11-14	Floriferous and vigorous.	8-12	15-18	Looks good.
<i>Antirrhinum majus</i> (Snapdragon) 'Sultan Yellow'	FG	**7-8	**12-15	Nice show of yellow.	**9-11	**16-20	Most floriferous and vigorous of the 3 'Sultan' snapdragons right now.
<i>Argyranthemum</i> 'Sassy White'	FG	***18-20	***10-11	Very, very nice!	11-13	20-28	Past peak bloom-hardly any blossoms right now.
<i>Begonia semperflorens</i> 'Nightlife Deep Rose Improved'	Ben	3-5	4-6	Only 2 plants here and they are very small.	3-4	2-4	Not much vigor.
<i>Begonia semperflorens</i> 'Nightlife Pink'	Ben	7-8	7-8	Nice little plants.	6-7	6-7	Uniform in size but not too vigorous.
<i>Calibrachoa x hybrida</i> 'Callie Bright Red'	FG	**6-7	**15-17	All the <i>Calibrachoa</i> are very nice here.	*12-14	*31-33	Least bloom of the <i>Calibrachoa</i> right now.
<i>Calibrachoa x hybrida</i> 'Callie Dark Blue'	FG	**3-4	**18-20	Nice.	**6-8	**31-35	Good bloom, uniformity and vigor.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	FG	**4-6	**15-16	Nice.	**7-8	**30-33	Very nice.
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	FG	**4-5	**18-20	Nice.	**6-8	**to 36	Nice show of blue.

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Genus species 'Cultivar'	Seed/Plant Source	July 12			August 27		
		Height	Spread	Comments	Height	Spread	Comments
<i>Calibrachoa x hybrida</i> 'Callie Rose '06'	FG	**4-5	**15-16	Good bloom, vigor and uniformity.	**6-10	**29-30	Looks good.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	9-11	5-8	Healthy but not many blooms or peppers yet.	*15-22	*13-14	Good vigor but not uniform in height.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3-5	3-5	Small and not much bloom.	*9-11	*10-12	Older flowers are washed out but otherwise, good bloom.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	AAS '03	2-4	2-5	Small and not much bloom.	10-11	7-12	One plant with Aster Yellows? Otherwise, doing alright.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	4-6	5-6	Best of the three vinca; good bloom.	**11-12	**13-15	Looks good; best of the three vinca here.
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	9-11	5-7	Doing alright but not too showy yet.	*16-20	*12-16	Nice bloom but height not too uniform.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	9-12	5-7	Doing alright but not too showy yet.	*16-22	*13-16	Nice bloom but height not too uniform.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	9-12	5-7	Doing alright but not too showy yet.	13-22	12-19	Bloom color a bit dull compared to 'Fresh Look Gold'.
<i>Delphinium grandiflorum</i> 'Summer Morning'	Ben	4-7	3-5	Poor but better here than in Dickinson.	7-9	5-9	Much better here than Fargo or Dickinson; good bloom but not uniform in size.
<i>Dianthus F1</i> 'Supra Purple'	AAS '06	*8-9	*7-9	Good vigor and size uniformity.	10-11	10-14	Past peak bloom.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	11-12	9-13	Lots of buds but no blooms.	13-15	13-17	Past peak bloom.
<i>Dianthus chinensis</i> 'Corona Cherry Magic'	AAS '03	*5-6	*6-8	Great bloom on small plants.	7-9	8-11	Past peak bloom.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	*6	*4-9	Good bloom but spread could be more uniform.	6-8	6-10	Bloom best of all the dianthus right now but not uniform in size.
<i>Diascia barberae</i> 'Darla Deep Salmon'	FG	5-8	7-9	Least uniform and floriferous of the <i>Diascia</i> here but doing better than the ones in Dickinson.	8-10	12-14	Not quite as full or vigorous as other two <i>Diascia</i> here.
<i>Diascia barberae</i> 'Darla Light Pink'	FG	**10	**12-14	Best of the 3 <i>Diascia</i> here.	**14-15	**23-26	Very nice.
<i>Diascia barberae</i> 'Diamonte Coral Rose'	AAS '06	*8-9	*9-12	A little lacking in spread uniformity but otherwise nice.	**12-14	**18-20	Nice bloom, uniformity and vigor.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Forever White'	AAS '03	4-7	5-6	Plants alright but blooms are a tad brown on the edges.	7-10	8-10	Doing alright.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	4-6	7-13	Good vigor but not uniform in size and not many blooms.	6-14	12-22	Good bloom but not uniform in size.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	7-11	10-14	Good vigor; not uniform in bloom time.	15-19	22-29	Aster Yellows on some but good bloom.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose'	AAS '04	1-3	3-5	Small; bloom is alright.	3-4	6-9	Nice little plants but being over-run by <i>Alternanthera</i> 'Royal Tapestry'.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Hot Rose on Gold'	FG	5-6	7-9	Doing alright.	6-7	8-10	Not much vigor.

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		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon on Gold'	FG	5-6	8-9	Good vigor; best of the four New Guineas here.	6-7	8-9	Not much vigor or bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Sweet Purple'	FG	5-6	7-9	Doing alright.	5-6	9-11	Only 1 flower.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Cherry Cream'	FG	5	7-9	Not too bad.	5-6	9-11	Not much vigor or bloom.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly Orange II'	FG	**4	**6-7	Uniform in size and good bloom.	5-6	5-9	Good bloom but small plants.
<i>Impatiens walleriana</i> (Mini-impatiens) 'Firefly White II'	FG	2-3	5-8	Not uniform in size or bloom.	3-4	6-10	Not uniform in size but bloom alright.
<i>Impatiens walleriana</i> 'LoGro Deep Salmon'	Gri	2-4	4-7	Not uniform in size or bloom.	3-4	7-9	Bloom alright.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'	FG	4-5	7-9	Doing alright.	3-6	7-10	Only a few blooms.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Pink '06'	FG	3-5	5-9	Not too vigorous.	3-5	7-10	Hardly any flowers right now.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Purple'	FG	4-5	7-9	Bloom not as good as 'Silhouette Rose '06'.	4-5	6-7	Not much vigor or many blooms.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Red Star'	FG	3-4	6-8	Nice flowers.	3-4	6-7	Not too much vigor.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Rose '06'	FG	3-4	7-10	Good bloom.	3-5	7-12	Best bloom of the <i>Impatiens</i> here.
<i>Juncus inflexus</i> 'Blue Arrows'	PAS	12-15	8-10	Looks good.	24-26	15-17	Being over-run by petunias next to it.
<i>Juncus pallidus</i> 'Javelin'	PAS	20-23	11-18	Looks alright.	36-38	30-32	Interesting foliage.
<i>Lantana camara</i> 'Bandana Cherry'	FG	6	7-8	Uniform in size but just starting to bloom.	10-12	15-16	Looks good.
<i>Lantana camara</i> 'Bandana Rose'	FG	*8-9	*10-12	More vigor and bloom than 'Bandana Cherry'; uniform in size.	**14-16	**18-20	A bit more vigorous and floriferous than 'Bandana Cherry'.
<i>Lobelia erinus</i> 'Techno Blue'	FG	**4-6	**9-11	Good bloom, vigor and uniformity.	5-7	8-15	Not as vigorous as 'Techno Upright Blue'.
<i>Lobelia erinus</i> 'Techno Upright Blue'	FG	**7-8	**10-11	Good bloom, vigor and uniformity.	9-13	13-22	Not uniform in size but bloom is good.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	**13-14	**12-16	Good bloom, vigor and uniformity.	**21-25	**20-24	Very nice!
<i>Osteospermum ecklonis</i> 'Asti White'	AAS '08	9-11	7-9	Only one plant blooming right now.	18-19	18-22	Good vigor but not uniform in bloom.
<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	FG	*7-9	*8-11	One plant not blooming, the rest look good.	14-15	24-25	Uniform in size; bloom alright but not great.
<i>Osteospermum ecklonis</i> 'Tradewinds Pure Yellow'	FG	9-10	7-8	Plants not as full as the others.	10-13	11-15	Smallest of the group; better bloom earlier in the season.

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<i>Genus species</i> 'Cultivar'						
<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	**6-7	**11-13	Best and most floriferous of the group right now.	10-12	19-22	Similar to 'Tradewinds Deep Purple' but bloom a bit nicer.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose II'	6-8	8-11	Doing alright.	**12-14	**17-22	Covered with flowers! Very nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink III'	8-10	9-11	Doing alright.	**12-15	**20-22	Not quite as many flowers as 'Americana Cherry Rose II' but still very nice.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	7-10	8-13	Doing alright.	**12-15	**16-20	Very nice show of red.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Splash'	*7-8	*9-11	Nice plants-uniform in size and color is bright.	**10-13	**20-22	Uniform and good bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Aquarello '07'	7-8	6-9	Doing alright.	*8-12	*10-14	Good bloom on smaller plants.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Purple'	**8-9	**9-11	Nice, big blooms.	10-13	16-20	Bloom not as good as some other geraniums but alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Scarlet'	7-9	7-9	Not as floriferous or uniform in size as some others.	*12-14	*16-24	Size uniformity not as good as some others but bloom good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Himalaya Fire'	7-9	9-13	Doing alright.	**13-17	**18-20	Nice show of red.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Dark Red'	7-9	10-14	Good vigor; not uniform in bloom but the blooms are very big.	**13-15	**15-20	Nice.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Magenta'	7-8	8-11	Not uniform in size or bloom but blooms are big and showy.	9-12	10-17	Good bloom but size not uniform and not as vigorous as some others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Pink'	6-7	8-10	Not much bloom and not as vigorous as the other 'Rocky Mtn.' geraniums.	**13-17	**17-22	Nice.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Red'	7-9	7-10	Huge blooms but not uniform in size or bloom.	*10-12	*18-21	Nice but not as floriferous as some of the others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. Violet'	5-10	7-11	Not as much vigor as some other geraniums.	**10-12	**15-18	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mtn. White'	5-8	6-10	The least vigorous 'Rocky Mtn.' geranium here.	9-11	12-18	Not as uniform in size as the others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	6-9	6-9	Doing alright.	*10-14	*14-19	Good bloom but size not as uniform as some others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Hot Pink'	5-6	7-10	Small and 1 red plant?	7-9	12-21	Less vigorous than the other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Light Salmon'	5-7	7-9	Not much bloom right now.	**8-12	**15-18	Good bloom.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	*6-7	*10-13	Good uniformity and vigor but not a whole lot of flowers yet.	**12-14	**29-30	Good vigor and bloom.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Deep Red'	*7	*10-13	Similar to 'Caliente Coral'.	*11-13	*20-22	Nice but not as vigorous or floriferous as 'Caliente Coral'.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	7-8	9-11	Not quite as full or uniform as other two 'Caliente' geraniums.	*12-13	*17-19	Not as vigorous as 'Caliente Coral' but still nice.

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Genus species 'Cultivar'	Source	Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	FG	6-8	12-14	Doing alright.	*8-13	*16-18	Nice but getting overrun by 'Freestyle White' geranium and 'Queen Purple' hollyhock.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Cherry Rose II'	FG	6-7	8-11	Looks good.	**9-10	**22-23	Good bloom and vigor.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle Pink II'	FG	6-9	9-11	Doing alright.	*9-11	*17-19	Not as floriferous or vigorous as 'Freestyle Cherry Rose II' but still nice.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Freestyle White'	FG	7	8-12	Doing alright.	**9-13	**22-23	Good bloom, vigor and size uniformity.
<i>Pennisetum glaucum</i> 'Purple Majesty'	AAS '03	*36-40	*18-20	Much nicer here than in Fargo or Dickinson.	34-58	6-26	Not uniform in size or vigor.
<i>Pennisetum setaceum</i> (Fountain Grass)	Pk	20-24	17-20	Doing alright so far.	**to 46	**40	Very nice and showy.
<i>Pentas lanceolata</i> 'Northern Lights Lavender'	Ben	7-9	6	Small but good bloom.	**13-16	**13-18	Nice little plants.
<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	PAS	*4-6	*15-20	Nice but not as full as some other petunias.	**13-15	**40+	Very vigorous and floriferous.
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	AAS '03	*4-6	*12-20	Not too uniform in size but good bloom.	**11-12	**40+	Looks good!
<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	PAS	**7-9	**13-14	Good vigor and bloom.	**18-20	**36-38+	Good vigor and bloom.
<i>Petunia hybrida</i> (Large-flowered) Trailing) 'Jamboree Hot Pink'	FG	***10-11	***27-29	Very vigorous and showy!	**10-11	**36+	Very nice!
<i>Petunia hybrida</i> (Large-flowered) Trailing) 'Jamboree Light Blue'	FG	**9-11	***22-24	Very vigorous and showy!	**10-11	**36+	Nice show of blue.
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	AAS '02	*2-3	*12-20	Good bloom but size uniformity could be better.	**9-10	**40+	Very vigorous and floriferous.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	**5-6	**11-12	Very nice with good bloom, vigor and size uniformity.	**7-9	**24-25	Nice but being crowded by 'Dreams Rose Morn'.
<i>Petunia hybrida</i> (Grandiflora) 'LoGro White'	Gri	*5-7	*8-10	Nice but not spreading too much.	*6-8	*12-20	Good bloom but being crowded by 'LoGro Yellow' and 'Jamboree Hot Pink'.
<i>Petunia hybrida</i> (Grandiflora) 'LoGro Yellow'	Gri	**5-7	**19-21	Good vigor and bloom.	**12-15	**36+	Much more vigorous than 'LoGro White'.
<i>Petunia hybrida</i> (Floribunda) 'Madness Red Improved'	Ball	**6-7	**13-14	Looks great!	**13-15	**28-30	Good vigor and bloom.
<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	AAS '03	6-8	8-12	Nice bloom but not as full as some other petunias.	**10-20	**24-30	Very vigorous and floriferous.
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	AAS '07	3-5	18-20	Not as floriferous as others but good vigor.	***10-12	***40+	Very, very nice!
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	AAS '95	**3-4	**18-20	Good bloom, vigor and uniformity.	**9-10	**40+	Nice!
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	PAS	**5-7	**18-20	Nice!	*12-14	*40+	A little overrun by 'Baby Duck Yellow'.



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<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'	PAS	**5-7	**18-20	Nice!	**to 16	**40+	Good vigor and bloom.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	PAS	**2-3	**15-17	Nice carpet of bloom.	**12-13	**36+	Floriferous and vigorous.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'	PAS	4-6	9-15	Good bloom but not uniform in spread.	**8-10	**36+	Very showy.
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	AAS '88	**8-9	**12-15	Very nice!	**14-16	**36+	Good vigor and bloom.
<i>Petunia hybrida</i> (Mini-flowered) Trailing 'Whispers Blue'	FG	5-7	13-16	Not as uniform in size as the others.	**8-10	**24-26	Floriferous and vigorous.
<i>Petunia hybrida</i> (Mini-flowered) Trailing 'Whispers Red'	FG	*7-9	*12-20	Good bloom but not uniform in spread.	**10-12	**18-24	Floriferous and vigorous.
<i>Petunia hybrida</i> (Mini-flowered) Trailing 'Whispers Rose Vein'	FG	**5-7	**13-14	Good bloom and uniformity.	**9-11	**30-36	Most vigorous of the 'Whispers' petunias.
<i>Portulaca grandiflora</i> (Moss Rose) 'LoGro White'	Gri	1-4	1-6	Not uniform in size.	2-5	3-10	Not uniform in size and some Aster Yellows?
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Prairie Sun'	AAS '03	3-11	5-9	Only one blooming; one plant is really small. Just starting to bloom; looks good but size uniformity could be better.	16-22	14-19	Good bloom but not uniform in size.
<i>Salvia farinacea</i> 'Evolution'	AAS '06	12-15	7-10		**21-24	**17-24	Very nice!
<i>Salvia splendens</i> 'Vista Rose'	PAS	**6-8	**7-10	Nice plants.	**11-15	**15-17	Good bloom and vigor.
<i>Tagetes erecta</i> (Marigold) 'Vanilla'	PAS	13-15	9-12	Looks good-nice pale yellow to cream color.	*19-20	*20-22	Good vigor but not uniform in bloom.
<i>Verbena x hybrida</i> 'Escapade Bright Eye'	FG	**5-6	**28-30	Looks great! Most vigorous of the group.	12-13	up to 40	Very vigorous but not many flowers right now.
<i>Verbena x hybrida</i> 'Lanai Blush White'	FG	3-5	11-13	Smaller plants than other verbena but nice bloom.	**8-9	**29-33	Good vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Peach'	FG	1-3	16-18	Not as vigorous or floriferous as 'Lanai Red' or 'Lanai Royal Purple'.	**4-7	**28-32	Looks good.
<i>Verbena x hybrida</i> 'Lanai Red '07'	FG	**4-6	**20-22	Nice!	**7-10	**36-40+	Very vigorous and nice.
<i>Verbena x hybrida</i> 'Lanai Royal Purple'	FG	*3-5	*14-20	Good vigor but not as floriferous as some others.	**7-11	**36-38	Very vigorous and nice.
<i>Viola</i> F1 'Skippy XL Plum-Gold'	AAS '08	**6-7	**6-7	Nice plants!	5-7	5-8	Not too vigorous.
<i>Viola</i> F1 'Skippy XL Red-Gold'	AAS '06	**6-7	**5-7	Nice plants!	5-8	5-8	Not as nice as earlier in the season.
<i>Viola wittrockiana</i> (Pansy) 'Majestic Giants Mixed'	AAS '66	5-6	3-4	Not too vigorous yet.	5-7	3-5	Still not doing that great.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	5-9	5-8	Not uniform in size or bloom.	**14-18	**17-22	Nice with good bloom, vigor and size uniformity.

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<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	8-17	10-13	Not uniform in size or bloom.	*24-34	*22-25	Not uniform in height but good bloom and vigor.
<i>Zinnia</i> hybrid 'Profusion Knee-High Red'	Ball	7-8	8-10	Nice plants but not a lot of flowers.	***16-18	***26-29	Very, very nice!
<i>Zinnia</i> hybrid 'Profusion Knee-High White'	Ball	8-10	10-12	Nice plants but not a lot of flowers.	***17-19	***32-33	Very, very nice!
<i>Zinnia maritima</i> 'Solcito'	Ball	5	10	Only 3 plants-small but uniform in size.	**10-13	**27-31	Plants are very nice and floriferous.

## Seed Source List - 2007

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 www.all-americaelections.org	Gri (W)	Grimes Seeds and Plants 11335 Concord Hambden Road Concord, OH 44077 www.grimesseeds.com	Shot (R)	Shotwell Floral Co. 4000 40 St. S Fargo, ND 58104 www.shotwellfloral.com
Ball (W)	Ball Seed Company 622 Town Road West Chicago, IL 60185-2698 www.ballseed.com	GS (W)	Goldsmith Seeds, Inc. P.O. Box 1349 Gilroy, CA 95021 www.goldsmithseeds.com	SSE (R)	Seed Savers Exchange 3074 North Winn Road Decorah IA 52101 www.seedsavers.org
Ben (W)	Ernst Benary of America, Inc. 1444 Larson Street Sycamore, IL 60178 www.benary.com	PAS (W)	PanAmerican Seed 622 Town Road West Chicago, IL 60185-2698 www.panamseed.com	TJ (R)	Thomas Jefferson Center for Historical Plants P.O. Box 316 Charlottesville, VA 22902 www.monticello.org
Da (W)	Daehnfeldt, Inc. P.O. Box 38 North Manchester, IN 47962	Pk (R)	Park Seed P.O. Box 31 Greenwood, SC 29646 www.parkseed.com	TM (R)	Thompson and Morgan Seedsmen P.O. Box 1308 Jackson, NJ 08527-0308 www.thompson-morgan.com
FG (W)	Fischer USA, Inc. 6899 Winchester Circle, Suite 102 Boulder, CO 80301 www.fischerusa.com	SC (R)	Seeds of Change P.O. Box 15700 Santa Fe NM 87592 www.seedsofchange.com	TS (R)	Territorial Seed Company P.O. Box 158 Cottage Grove, OR 97424 www.territorialseed.com
				Unk	Unknown or seed from an old source.

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