

# 2008 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 2008 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. Current gardens include the bedding plant trials, daylily display gardens and iris display gardens. Two small shade beds for annuals were added this year as well as pathways in the perennial area and a wheelchair accessible garden. 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. See 'Contact Information' on page 5 for more information.

## 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. The Dickinson beds were planted May 20 and the Williston beds on May 21. In Fargo, planting took place from May 28 until June 10. Rain during the first week in June delayed the Fargo planting a bit.

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 June 16 and July 30. Liquid iron was also applied to the *Verbena* and *Calibrachoa* in Dickinson to combat yellowing foliage.

Weeding was 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.

## 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.

Two shade beds for annuals were added into some trees on the site in 2008. This area will be expanded in the future. Wheelchair accessible gardens were also added and will be planted in spring 2009 with a mix of flowers and vegetables.

There were no major insect or disease problems at the Fargo site in 2008. Some Aster Yellows showed up late in the season on marigolds, vinca and some petunias.

As seen in table 1, temperatures in Fargo were slightly below average in May and June and slightly above average in July and August. Precipitation was especially heavy in June and August.

Table 1. 2008 and 1971-2000 May-August Average Temperature and Precipitation for Fargo, ND. <sup>2</sup>

	Average Temperature (°F)		Precipitation (inches)	
	2008	1971-2000	2008	Avg. 1971-2000
May	54	57.4	2.19	2.61
June	64	66.0	6.38	3.51
July	71	70.6	1.67	2.88
August	70	69.0	4.52	2.52

### Dickinson

The Dickinson Trial garden is located at the Research Extension Center on the west side of State Street. The soil here is lighter and sandier than in Fargo and the weather tends to be drier. Shade plants are grown in raised beds under natural shade provided by trees.

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

As last year, *Calibrachoa* in Dickinson declined after July and were all dead by the September evaluation. Other than that, there were no significant insect or disease problems.

As seen in table 2, temperatures were a bit below average in May and June but a bit above average in July and August. Rainfall was below average all summer.

Table 2. 2008 and 1971-2000 May-August Average Temperature and Precipitation for Dickinson, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2008	1971-2000	2008	Avg. 1971-2000
May	53	53.4	1.70	2.24
June	61	62.4	2.04	3.57
July	72	68.1	1.70	2.20
August	71	67.3	0.74	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.

There were no major insect or disease problems in the Williston beds. The geraniums were nice but did not perform as well this year as they have in the past.

Table 3 shows temperature and precipitation data for Williston.

Table 3. 2008 and 1971-2000 May-August Average Temperature and Precipitation for Williston, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2008	1971-2000	2008	Avg. 1971-2000
May	54	57.1	1.38	2.09
June	62	65.7	2.13	2.72
July	72	71.1	0.78	2.45
August	70	70.2	1.30	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 2008.

### 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'

### 2009 Winner:

*Viola* 'Rain Blue and Purple'

## 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 29 while the second was September 8 & 9. The Dickinson evaluations were July 9 and September 4. Williston plants were evaluated July 10 and September 3.

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 17-48). 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 6-16 of the report. The following 12 cultivars got top ratings at all 3 locations for both evaluation times:

*Begonia* 'BIG Red Green Leaf'  
*Begonia* 'BIG Rose Bronze Leaf'  
*Capsicum* 'Calico'  
*Gaillardia* 'Sunburst Burgundy Picotee'  
*Lobelia* 'Techno Heat Upright Light Blue'  
*Osteospermum* 'Tradewinds Deep Purple'  
*Pelargonium* 'Americana Rose Mega Splash'  
*Pelargonium* 'Avenida Mosaic Red'  
*Pelargonium* 'Graffiti Double Salmon'  
*Verbena* 'Lanai Lavender Star'  
*Verbena* 'Lanai Royal Purple with Eye'  
*Verbena* 'Lanai Upright Magenta'

## **Field Days**

Field Days in Dickinson and Williston were held July 9 and July 10, respectively, in conjunction with field days at the research extension centers. Field day in Fargo was not held this year due to construction in the beds.

## **Acknowledgements**

Many thanks go to supporters of the 2008 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 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, extension horticulturist in the Plant Sciences Department at NDSU, and the Master Gardeners who volunteered their time in Fargo: Edna Holm, Margaret Loken, Gerri Elznic, Sandy Holbrook, Becky McCleary, Gayle Ferber, Linda Thorseth, Mary Beth Peterson and Kathy Johnson. 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.

A final thank you to Deb Tanner, publication coordinator/designer in Extension Agriculture Communication, who does a wonderful job designing the cover of the bedding plant trials cd.

## **Contacts**

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

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## Fargo Top Performers-2008

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp.17-48). Plants are listed in alphabetical order by genus.

July 29

<i>Achillea</i> 'Gypsy White'	<i>Cobaea</i> 'Royal Plum'	<i>Osteospermum</i> 'Asti White'
<i>Acroclinium</i> 'Best Mix'	<i>Coreopsis</i> 'Corey Yellow'	<i>Osteospermum</i> 'Tradewinds Deep Purple'
<i>Agastache</i> 'Golden Jubilee'	<i>Dianthus</i> 'Amazon Neon Duo'	<i>Osteospermum</i> 'Tradewinds Pearl White'
<i>Agastache rupestris</i>	<i>Dianthus</i> 'Amazon Neon Rose Magic'	<i>Osteospermum</i> 'Tradewinds Purple Bicolor'
<i>Ageratum</i> 'Patina Blue'	<i>Diascia</i> 'Darla Light Pink'	<i>Osteospermum</i> 'Tradewinds Yellow Bicolor'
<i>Alternanthera</i> 'Royal Tapestry'	<i>Diascia</i> 'Darla Rose 08'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'
<i>Angelonia</i> 'Serena White'	<i>Diascia</i> 'Diamonte Coral Rose'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cranberry Red'
<i>Antirrhinum</i> (Snapdragon) 'Frosted Sunset'	<i>Dorotheanthus</i> 'Mezoo Trailing Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Pink'
<i>Antirrhinum</i> (Snapdragon) 'Rocket Mix'	<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Red'
<i>Antirrhinum</i> (Snapdragon) 'Speedy Sonnet Rose'	<i>Gaillardia</i> 'Sunburst Scarlet Halo'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'
<i>Antirrhinum</i> (Snapdragon) 'Speedy Sonnet White'	<i>Ipomoea</i> (Sweet Potato Vine) 'Blackie'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Salmon 09'
<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Ipomoea</i> (Sweet Potato Vine) 'Margarita'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Trailing Dark Red'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Violet'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White 09'
<i>Bidens</i> 'Mexican Gold'	<i>Ipomoea</i> (Sweet Potato Vine) 'Tricolor'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White Splash 09'
<i>Bracteantha</i> 'Strawburst Yellow'	<i>Ipomoea x multifida</i> (Cardinal Climber)	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'
<i>Calibrachoa</i> 'Callie Coral Pink'	<i>Ipomoea</i> 'Star of Yelta'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Appleblossom'
<i>Calibrachoa</i> 'Callie Deep Yellow'	<i>Juncus</i> 'Blue Arrows'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Calibrachoa</i> 'Callie Gold with Red Eye'	<i>Juncus</i> 'Blue Dart'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Salmon'
<i>Calibrachoa</i> 'Callie Light Blue'	<i>Lablab</i> ( <i>Dolichos lablab</i> ) (Purple Hyacinth Bean)	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Scarlet'
<i>Calibrachoa</i> 'Callie Painted Coral'	<i>Lathyrus</i> (Sweet Pea) 'Mammoth Scarlet'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Dark Red'
<i>Calibrachoa</i> 'Callie Peach'	<i>Laurentia</i> 'Avant-Garde Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Light Salmon II'
<i>Calibrachoa</i> 'Callie Purple 07'	<i>Laurentia</i> 'Avant-Garde Pink'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Rose Mega Splash'
<i>Calibrachoa</i> 'Callie Rose'	<i>Limonium</i> (Statice) 'Soiree Mix'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'
<i>Calibrachoa</i> 'Callie Scarlet Red 08'	<i>Limonium</i> (Statice) 'Supreme Extra Pastel Mix'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Red'
<i>Canna</i> 'Tropical Sunrise'	<i>Lobelia</i> 'Techno Heat Dark Blue'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Lobelia</i> 'Techno Heat Electric Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Orange Appeal'
<i>Capsicum</i> (Ornamental Pepper) 'Variegated'	<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Appleblossom'
<i>Catharanthus</i> (Vinca) 'Nirvana Red'	<i>Mirabilis</i> (Four-O-Clocks) 'Broken Colors'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Deep Salmon'
<i>Catharanthus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Mirabilis</i> (Four-O-Clocks) 'Limelight'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Pink'
<i>Catharanthus</i> (Vinca) 'Pacifica Magenta Halo XP'	<i>Nolana</i> 'Sun Belle Mix'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Red'

## Fargo Top Performers-2008

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp.17-48). Plants are listed in alphabetical order by genus.

July 29 (cont.)

<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Rose'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Blue'	<i>Rudbeckia</i> (Black-eyed Susan) 'Tiger Eye Gold'
<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Scarlet'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'	<i>Salvia farinacea</i> 'Evolution'
<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Violet'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Lavender II'	<i>Salvia farinacea</i> 'Fahrenheit Violet'
<i>Pelargonium</i> (Geranium-Zonal) 'Orbit White Improved'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Salvia farinacea</i> 'Victoria'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Coral'	<i>Petunia</i> (Spreading) 'Lavender Wave'	<i>Salvia splendens</i> 'Flare'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Petunia</i> (Grandiflora) 'Limbo Violet'	<i>Salvia splendens</i> 'Vista Rose'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	<i>Petunia</i> (Spreading) 'LoGro White'	<i>Stipa</i> 'Ponytails'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Magenta'	<i>Petunia</i> (Spreading) 'LoGro Yellow'	<i>Tagetes erecta</i> (Marigold) 'Inca Gold'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	<i>Petunia</i> (Floribunda) 'Madness Plum Crazy Improved'	<i>Tagetes erecta</i> (Marigold) 'Inca Orange'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Violet'	<i>Petunia</i> (Floribunda) 'Madness Red Improved'	<i>Tagetes erecta</i> (Marigold) 'Inca Primrose'
<i>Pelargonium</i> (Geranium-Zonal) 'Tango Coral'	<i>Petunia</i> (Floribunda) 'Madness Yellow'	<i>Tagetes erecta</i> (Marigold) 'Inca Yellow'
<i>Pelargonium</i> (Geranium-Zonal) 'Tango Red 09'	<i>Petunia</i> (Multiflora) 'Merlin Blue Morn'	<i>Tagetes erecta</i> (Marigold) 'Moonstruck Orange'
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Petunia</i> (Spreading) 'Misty Lilac Wave'	<i>Tagetes erecta</i> (Marigold) 'Parks Whopper Gold'
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	<i>Petunia</i> (Trailing grandiflora) 'Opera Supreme Lilac Ice'	<i>Tagetes erecta</i> (Marigold) 'Park's Whopper Orange'
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	<i>Petunia</i> (Spreading) 'Opera Supreme Pink Morn'	<i>Tagetes erecta</i> (Marigold) 'Park's Whopper Yellow'
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Petunia</i> (Spreading) 'Pink Wave'	<i>Tagetes erecta</i> (Marigold) 'Vanilla'
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Beach'	<i>Petunia</i> (Spreading) 'Purple Wave'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	<i>Petunia</i> (Spreading) 'Shock Wave Ivory'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Sunburst Orange'
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Compact Burgundy'	<i>Petunia</i> (Spreading) 'Shock Wave Pink Vein'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Zenith Red'
<i>Pennisetum</i> (Fountain Grass)	<i>Petunia</i> (Spreading) 'Shock Wave Purple'	<i>Talinum</i> 'Limon'
<i>Petunia</i> (Spreading) 'Baby Duck Yellow'	<i>Petunia</i> (Spreading) 'Shock Wave Rose'	<i>Thunbergia</i> (Black-eyed Susan Vine) 'Mix'
<i>Petunia</i> (Spreading) 'Blue Wave'	<i>Petunia</i> (Hedgiflora) 'Tidal Wave Silver'	<i>Thymophylla</i> (Dahlberg Daisy)
<i>Petunia</i> (Multiflora) 'Carpet Pink Improved'	<i>Petunia</i> (Grandiflora) 'Ultra Crimson Star'	<i>Tropaeolum</i> (Nasturtium) 'Alaska Gold'
<i>Petunia</i> (Floribunda) 'Celebrity Blue Improved'	<i>Petunia</i> (Supertunia) 'Vista Bubblegum'	<i>Verbena bonariensis</i>
<i>Petunia</i> (Grandiflora) 'Dreams Fuchsia'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'
<i>Petunia</i> (Grandiflora) 'Dreams DayDreams Mix'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Bright Pink'	<i>Verbena x hybrida</i> 'Escapade Pink'
<i>Petunia</i> (Grandiflora) 'Dreams Rose Morn'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	<i>Verbena x hybrida</i> 'Lanai Blush White'
<i>Petunia</i> (Spreading) 'Easy Wave Mystic Pink'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers White'	<i>Verbena x hybrida</i> 'Lanai Bright Pink'
<i>Petunia</i> (Spreading) 'Easy Wave Pink Marble Mix'	<i>Plectranthus</i> 'Silver Shield'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Petunia</i> (Spreading) 'Easy Wave Red'	<i>Rudbeckia</i> (Black-eyed Susan) 'Prairie Sun'	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Petunia</i> (Spreading) 'Easy Wave Rosy Dawn'	<i>Rudbeckia</i> (Black-eyed Susan) 'Radiance'	<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'

## Fargo Top Performers-2008

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp.17-48). Plants are listed in alphabetical order by genus.

July 29 (cont.)

<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	<i>Verbena x hybrida</i> 'Quartz XP Silver'	<i>Verbena tenuisecta</i> 'Imagination'
<i>Verbena x hybrida</i> 'Lanai Upright Violet'	<i>Verbena x hybrida</i> 'Quartz XP White'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Verbena x hybrida</i> 'Quartz XP Purple'	<i>Verbena x hybrida</i> 'Rapunzel Lilac'	<i>Zinnia elegans</i> 'Uproar Rose'
<i>Verbena x hybrida</i> 'Quartz XP Red Eye'	<i>Verbena x hybrida</i> 'Rapunzel Violet'	<i>Zinnia</i> hybrid 'Profusion Knee-High White'

## Fargo Top Performers-2008

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp.17-48). Plants are listed in alphabetical order by genus.

September 8 & 9

<i>Agastache cana</i> 'Purple Pigmy'	<i>Dianthus barbatus</i> 'Amazon Neon Rose Magic'	<i>Mirabilis</i> (Four-O-Clocks) 'Broken Colors'
<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Dianthus superbus</i> 'Kawara Pink'	<i>Mirabilis</i> (Four-O-Clocks) 'Limelight'
<i>Agastache rupestris</i>	<i>Diascia</i> 'Darla Light Pink'	<i>Osteospermum</i> 'Asti White'
<i>Ageratum</i> 'Patina Blue'	<i>Dichondra</i> 'Silver Falls'	<i>Osteospermum</i> 'Tradewinds Deep Purple'
<i>Alcea</i> (Hollyhock) 'Queenly Purple'	<i>Dorotheanthus</i> 'Mezoo Trailing Red'	<i>Osteospermum</i> 'Tradewinds Pearl White'
<i>Alternanthera</i> 'Royal Tapestry'	<i>Gaillardia</i> 'Arizona Sun'	<i>Osteospermum</i> 'Tradewinds Yellow Bicolor'
<i>Angelonia</i> 'Serena Lavender'	<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'
<i>Angelonia</i> 'Serena White'	<i>Gaillardia</i> 'Sunburst Scarlet Halo'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cranberry Red'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Gomphrena globosa</i> 'Purple Gomp'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Pink'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Gomphrena haageana</i> 'Strawberry Fields'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Red'
<i>Bracteantha</i> 'Strawburst Yellow'	<i>Helenium</i> 'Goldfield'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'
<i>Calibrachoa</i> 'Callie Peach'	<i>Ipomoea</i> (Sweet Potato Vine) 'Margarita'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Salmon 09'
<i>Calibrachoa</i> 'Callie Purple 07'	<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Violet'
<i>Calibrachoa</i> 'Callie Rose'	<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White 09'
<i>Canna</i> 'Bengal Tiger'	<i>Ipomoea</i> (Sweet Potato Vine) 'Tricolor'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White Splash 09'
<i>Canna</i> 'Lucifer'	<i>Juncus effusus</i> 'Spiralis' (Corkscrew Plant)	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'
<i>Canna</i> 'Tropical Sunrise'	<i>Juncus inflexus</i> 'Blue Arrows'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Appleblossom'
<i>Canna</i> 'Wyoming Dwarf'	<i>Juncus inflexus</i> 'Hedgehog'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Rose'
<i>Capsicum</i> (Ornamental Pepper) 'Black Pearl'	<i>Juncus pallidus</i> 'Javelin'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Salmon'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Juncus tenuis</i> 'Blue Dart'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Scarlet'
<i>Capsicum</i> (Ornamental Pepper) 'Purple Flash'	<i>Lablab</i> ( <i>Dolichos lablab</i> ) (Purple Hyacinth Bean)	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Light Salmon II'
<i>Capsicum</i> (Ornamental Pepper) 'Variegated'	<i>Lantana</i> 'Bandana Cherry'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'
<i>Catharanthus</i> (Vinca) 'Nirvana Red'	<i>Lantana</i> 'Bandana Pink 07'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'
<i>Catharanthus</i> (Vinca) 'Nirvana Violet'	<i>Lantana</i> 'Bandana Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Deep Salmon'
<i>Catharanthus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Lantana</i> 'Bandana Rose'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Red'
<i>Catharanthus</i> (Vinca) 'Pacifica Magenta Halo XP'	<i>Laurentia</i> 'Avant-Garde Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Scarlet'
<i>Catharanthus</i> (Vinca) 'Titan Pure White'	<i>Laurentia</i> 'Avant-Garde Pink'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit White Improved'
<i>Celosia plumosa</i> 'Fresh Look Gold'	<i>Laurentia</i> 'Avant-Garde White'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Coral'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Limonium</i> (Statice) 'Soiree Mix'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'
<i>Celosia plumosa</i> 'Fresh Look Yellow'	<i>Limonium</i> (Statice) 'Supreme Extra Pastel Mix'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'
<i>Celosia spicata</i> 'Flamingo Purple'	<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Magenta'



## Fargo Top Performers-2008

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp.17-48). Plants are listed in alphabetical order by genus.

September 8 & 9 (cont.)

<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	<i>Salvia farinacea</i> 'Fahrenheit Violet'	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Violet'	<i>Salvia farinacea</i> 'Victoria'	<i>Verbena x hybrida</i> 'Lanai Purple Star'
<i>Pelargonium</i> (Geranium-Zonal) 'Tango Coral'	<i>Salvia splendens</i> 'Whopper Lighthouse'	<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'
<i>Pennisetum</i> (Fountain Grass)	<i>Spilanthes</i> 'Peek-A-Boo'	<i>Verbena x hybrida</i> 'Lanai Upright Magenta'
<i>Pentas</i> 'Northern Lights Lavender'	<i>Stipa</i> 'Ponytails'	<i>Verbena x hybrida</i> 'Lanai Upright Violet'
<i>Petunia</i> (Floribunda) 'Celebrity Blue Improved'	<i>Tagetes erecta</i> (Marigold) 'Parks Whopper Gold'	<i>Verbena x hybrida</i> 'Rapunzel Lilac'
<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'	<i>Tagetes erecta</i> (Marigold) 'Park's Whopper Orange'	<i>Verbena x hybrida</i> 'Rapunzel Violet'
<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Tagetes erecta</i> (Marigold) 'Vanilla'	<i>Verbena rigida</i> 'Rigida Rose'
<i>Petunia</i> (Spreading) 'Lavender Wave'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Zenith Red'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Petunia</i> (Hedgiflora) 'Tidal Wave Silver'	<i>Talinum</i> 'Limon'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Petunia</i> (Supertunia) 'Vista Bubblegum'	<i>Thunbergia</i> (Black-eyed Susan Vine) 'Mix'	<i>Zinnia elegans</i> 'Uproar Rose'
<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'	<i>Tropaeolum</i> (Nasturtium) 'Alaska Gold'	<i>Zinnia</i> hybrid 'Profusion Knee-High Red'
<i>Plectranthus</i> 'Silver Shield'	<i>Verbena bonariensis</i>	<i>Zinnia</i> hybrid 'Profusion Knee-High White'
<i>Rudbeckia</i> (Black-eyed Susan) 'Tiger Eye Gold'	<i>Verbena x hybrida</i> 'Escapade Pink'	<i>Zinnia Marylandica</i> 'Zahara Coral Rose'
<i>Salvia farinacea</i> 'Evolution'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'	<i>Zinnia Marylandica</i> 'Zahara Yellow'

## Dickinson Top Performers-2008

Top performers received \*, \*\*, or \*\*\* during **either** evaluation time as seen in the evaluations for each site (pp. 17-48). Plants are listed in alphabetical order by genus.

July 9

<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Nicotiana</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Pelargonium</i> (Geranium-Zonal) 'Tango Magenta'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Osteospermum</i> 'Tradewinds Pearl White'	<i>Pelargonium</i> (Geranium-Zonal) 'Tango White'
<i>Bidens</i> 'Mexican Gold'	<i>Osteospermum</i> 'Tradewinds Purple Bicolor'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'
<i>Bracteantha</i> 'Strawburst Yellow'	<i>Osteospermum</i> 'Tradewinds Yellow Bicolor'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'
<i>Celosia</i> 'Fresh Look Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cranberry Red'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'
<i>Coreopsis</i> 'Corey Yellow'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'
<i>Dianthus</i> F1 'Supra Purple'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Salmon 09'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Lambada Hot Pink'
<i>Diascia barberae</i> 'Darla Light Pink'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Violet'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Lavender II'
<i>Diascia barberae</i> 'Darla Rose 08'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White Splash 09'	<i>Petunia</i> (Grandiflora) 'Limbo Violet'
<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'
<i>Gaillardia</i> 'Sunburst Scarlet Halo'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Dark Red'	<i>Verbena</i> 'Lanai Lavender Star'
<i>Juncus</i> 'Blue Dart'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Rose Mega Splash'	<i>Verbena</i> 'Lanai Royal Purple with Eye'
<i>Lobelia</i> 'Techno Heat Dark Blue'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Verbena</i> 'Lanai Upright Magenta'
<i>Lobelia</i> 'Techno Heat Electric Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Coral'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Lobelia</i> 'Techno Heat Upright Dark Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Zinnia Marylandica</i> 'Zahara Yellow'
<i>Lobelia</i> 'Techno Heat Upright Light Blue'		

## Dickinson Top Performers-2008

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September 4

<i>Ageratum</i> 'Patina Blue'	<i>Osteospermum</i> 'Tradewinds Pearl White'	<i>Petunia</i> (Spreading) 'LoGro Yellow'
<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Osteospermum</i> 'Tradewinds Purple Bicolor'	<i>Petunia</i> (Spreading) 'Opera Supreme Pink Morn'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Bidens</i> 'Mexican Gold'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Trailing Dark Red'	<i>Salvia farinacea</i> 'Evolution'
<i>Capsicum</i> (Ornamental Pepper) 'Black Pearl'	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	<i>Salvia farinacea</i> 'Fahrenheit Violet'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Dark Red'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'
<i>Catharanthus</i> (Vinca) 'First Kiss Blueberry'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'	<i>Verbena x hybrida</i> 'Escapade Pink'
<i>Catharanthus</i> (Vinca) 'Nirvana Pink Blush'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Red'	<i>Verbena x hybrida</i> 'Lanai Blush White'
<i>Catharanthus</i> (Vinca) 'Nirvana Violet'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Verbena x hybrida</i> 'Lanai Bright Pink'
<i>Catharanthus</i> (Vinca) 'Pacifica Magenta Halo XP'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Catharanthus</i> (Vinca) 'Pacifica White XP'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	<i>Verbena x hybrida</i> 'Lanai Peach'
<i>Celosia</i> 'Fresh Look Gold'	<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red 09'	<i>Verbena x hybrida</i> 'Lanai Purple Star'
<i>Celosia</i> 'Fresh Look Red'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'
<i>Celosia</i> 'Fresh Look Yellow'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	<i>Verbena x hybrida</i> 'Lanai Upright Magenta'
<i>Gaillardia</i> 'Arizona Sun'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	<i>Verbena x hybrida</i> 'Lanai Upright Violet'
<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Verbena x hybrida</i> 'Rapunzel Lilac'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Beach'	<i>Verbena x hybrida</i> 'Rapunzel Violet'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	<i>Verbena rigida</i> 'Rigida Rose'
<i>Juncus</i> 'Blue Dart'	<i>Pentas</i> 'Northern Lights Lavender'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Lantana</i> 'Bandana Rose'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Blue'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Lobelia</i> 'Techno Heat Electric Blue'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'	<i>Zinnia Marylandica</i> 'Zahara Coral Rose'
<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Lavender II'	<i>Zinnia Marylandica</i> 'Zahara Scarlet'
<i>Nicotiana</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Zinnia Marylandica</i> 'Zahara White'
<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Petunia</i> (Grandiflora) 'Limbo Violet'	<i>Zinnia Marylandica</i> 'Zahara Yellow'

## Williston Top Performers-2008

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July 10

<i>Achillea</i> 'Gypsy White'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cranberry Red'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Blue'
<i>Ageratum</i> 'Patina Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Pink'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'
<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Lavender II'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Salmon 09'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Trailing Dark Red'	<i>Petunia</i> (Grandiflora) 'Limbo Violet'
<i>Bidens</i> 'Mexican Gold'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Violet'	<i>Petunia</i> (Spreading) 'LoGro Yellow'
<i>Calibrachoa</i> 'Callie Painted Coral'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White Splash'	<i>Petunia</i> (Spreading) 'Opera Supreme Pink Morn'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Coreopsis</i> 'Corey Yellow'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Dark Red'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Bright Pink'
<i>Diascia</i> 'Darla Light Pink'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Diascia</i> 'Darla Rose 08'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Rose Mega Splash'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers White'
<i>Diascia</i> 'Diamonte Coral Rose'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'
<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Red'	<i>Verbena</i> 'Escapade Bright Eye'
<i>Gaillardia</i> 'Sunburst Scarlet Halo'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Verbena</i> 'Escapade Pink'
<i>Gypsophila</i> (Baby's Breath) 'Gypsy Deep Rose'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Coral'	<i>Verbena</i> 'Lanai Blush White'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Verbena</i> 'Lanai Bright Pink'
<i>Juncus</i> 'Blue Dart'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	<i>Verbena</i> 'Lanai Lavender Star'
<i>Lobelia</i> 'Techno Heat Dark Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Magenta'	<i>Verbena</i> 'Lanai Royal Purple with Eye'
<i>Lobelia</i> 'Techno Heat Electric Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	<i>Verbena</i> 'Lanai Upright Magenta'
<i>Lobelia</i> 'Techno Heat Upright Dark Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Violet'	<i>Verbena</i> 'Lanai Upright Violet'
<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Tango Coral'	<i>Verbena</i> 'Rapunzel Lilac'
<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Verbena</i> 'Rapunzel Violet'
<i>Osteospermum</i> 'Tradewinds Pearl White'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	<i>Viola</i> F1 'Skippy XL Plum-Gold'
<i>Osteospermum</i> 'Tradewinds Purple Bicolor'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Viola</i> F1 'Skippy XL Red-Gold'
<i>Osteospermum</i> 'Tradewinds Yellow Bicolor'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	<i>Viola</i> F1 'Rain Blue and Purple'
<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'		

## Williston Top Performers-2008

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September 3

<i>Alcea</i> (Hollyhock) 'Queeny Purple'	<i>Lantana</i> 'Bandana Rose'	<i>Petunia</i> (Spreading) 'LoGro Yellow'
<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Petunia</i> (Spreading) 'Opera Supreme Pink Morn'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Nicotiana</i> 'Perfume Deep Purple'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Bidens</i> 'Mexican Gold'	<i>Osteospermum</i> 'Tradewinds Purple Bicolor'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers White'
<i>Bracteantha</i> 'Strawburst Yellow'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	<i>Salvia farinacea</i> 'Evolution'
<i>Capsicum</i> (Ornamental Pepper) 'Black Pearl'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White 09'	<i>Salvia farinacea</i> 'Fahrenheit Violet'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'
<i>Catharanthus</i> (Vinca) 'Nirvana Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	<i>Verbena</i> 'Escapade Pink'
<i>Catharanthus</i> (Vinca) 'Nirvana Violet'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'	<i>Verbena</i> 'Lanai Blush White'
<i>Catharanthus</i> (Vinca) 'Nirvana White'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Verbena</i> 'Lanai Bright Pink'
<i>Catharanthus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	<i>Verbena</i> 'Lanai Lavender Star'
<i>Catharanthus</i> (Vinca) 'Pacifica Magenta Halo XP'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	<i>Verbena</i> 'Lanai Royal Purple with Eye'
<i>Celosia</i> 'Fresh Look Gold'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Verbena</i> 'Lanai Upright Magenta'
<i>Celosia</i> 'Fresh Look Red'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	<i>Verbena</i> 'Lanai Upright Violet'
<i>Celosia</i> 'Fresh Look Yellow'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	<i>Verbena</i> 'Rapunzel Lilac'
<i>Coreopsis</i> 'Corey Yellow'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Verbena</i> 'Rapunzel Violet'
<i>Diascia</i> 'Darla Light Pink'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Beach'	<i>Zinnia</i> 'Magellan Coral'
<i>Diascia</i> 'Darla Rose 08'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	<i>Zinnia</i> 'Zowie! Yellow Flame'
<i>Diascia</i> 'Diamonte Coral Rose'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Blue'	<i>Zinnia</i> 'Zahara Coral'
<i>Dorotheanthus</i> 'Mezoo Trailing Red'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'	<i>Zinnia</i> 'Zahara Scarlet'
<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Lavender II'	<i>Zinnia</i> 'Zahara White'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'	<i>Zinnia</i> 'Zahara Yellow'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	<i>Petunia</i> (Grandiflora) 'Limbo Violet'	

## 2008 Star Performers

Star performers received \*, \*\*, or \*\*\* during **both** evaluation times as seen on the evaluation sheets for each site (pp. 17-48). Plants are listed in alphabetical order by genus.

### Fargo

<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Mirabilis</i> (Four-O-Clocks) 'Broken Colors'	<i>Pennisetum</i> (Fountain Grass)
<i>Agastache rupestris</i>	<i>Mirabilis</i> (Four-O-Clocks) 'Limelight'	<i>Petunia</i> (Floribunda) 'Celebrity Blue Improved'
<i>Ageratum</i> 'Patina Blue'	<i>Osteospermum</i> 'Asti White'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'
<i>Alternanthera</i> 'Royal Tapestry'	<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'
<i>Angelonia</i> 'Serena White'	<i>Osteospermum</i> 'Tradewinds Pearl White'	<i>Petunia</i> (Spreading) 'Lavender Wave'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Osteospermum</i> 'Tradewinds Yellow Bicolor'	<i>Petunia</i> (Hedgiflora) 'Tidal Wave Silver'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'	<i>Petunia</i> (Supertunia) 'Vista Bubblegum'
<i>Bracteantha</i> 'Strawburst Yellow'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cranberry Red'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Calibrachoa</i> 'Callie Peach'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Pink'	<i>Plectranthus</i> 'Silver Shield'
<i>Calibrachoa</i> 'Callie Purple 07'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Red'	<i>Rudbeckia</i> (Black-eyed Susan) 'Tiger Eye Gold'
<i>Calibrachoa</i> 'Callie Rose'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	<i>Salvia</i> 'Evolution'
<i>Canna</i> 'Tropical Sunrise'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Salmon 09'	<i>Salvia</i> 'Fahrenheit Violet'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Violet'	<i>Salvia</i> 'Victoria'
<i>Capsicum</i> (Ornamental Pepper) 'Variegated'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White 09'	<i>Stipa</i> 'Ponytails'
<i>Catharanthus</i> (Vinca) 'Nirvana Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana White Splash 09'	<i>Tagetes erecta</i> (Marigold) 'Parks Whopper Gold'
<i>Catharanthus</i> (Vinca) 'Pacifica Burgundy Halo'	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	<i>Tagetes erecta</i> (Marigold) 'Park's Whopper Orange'
<i>Catharanthu</i> (Vinca) 'Pacifica Magenta Halo XP'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Appleblossom'	<i>Tagetes erecta</i> (Marigold) 'Vanilla'
<i>Dianthus</i> 'Amazon Neon Rose Magic'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Rose'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Zenith Red'
<i>Diascia</i> 'Darla Light Pink'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Salmon'	<i>Talinum</i> 'Limon'
<i>Dorotheanthus</i> 'Mezoo Trailing Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Black Velvet Scarlet'	<i>Thunbergia</i> (Black-eyed Susan Vine) 'Mix'
<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	<i>Tropaeolum</i> (Nasturtium) 'Alaska Gold'
<i>Gaillardia</i> 'Sunburst Scarlet Halo'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'	<i>Verbena bonariensis</i>
<i>Ipomoea</i> (Sweet Potato Vine) 'Margarita'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Verbena</i> 'Escapade Pink'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Deep Salmon'	<i>Verbena</i> 'Lanai Lavender Star'
<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Red'	<i>Verbena</i> 'Lanai Peach'
<i>Ipomoea</i> (Sweet Potato Vine) 'Tricolor'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit Scarlet'	<i>Verbena</i> 'Lanai Royal Purple with Eye'
<i>Juncus inflexus</i> 'Blue Arrows'	<i>Pelargonium</i> (Geranium-Zonal) 'Orbit White Improved'	<i>Verbena</i> 'Lanai Upright Magenta'
<i>Juncus tenuis</i> 'Blue Dart'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Coral'	<i>Verbena</i> 'Lanai Upright Violet'
<i>Lablab</i> ( <i>Dolichos lablab</i> ) (Purple Hyacinth Bean)	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Verbena</i> 'Rapunzel Lilac'
<i>Laurentia</i> 'Avant-Garde Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	<i>Verbena</i> 'Rapunzel Violet'
<i>Laurentia</i> 'Avant-Garde Pink'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Magenta'	<i>Zinnia elegans</i> 'Magellan Coral'
<i>Limonium</i> (Statice) 'Soiree Mix'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	<i>Zinnia elegans</i> 'Uproar Rose'
<i>Limonium</i> (Statice) 'Supreme Extra Pastel Mix'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Violet'	<i>Zinnia</i> hybrid 'Profusion Knee-High White'
<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Pelargonium</i> (Geranium-Zonal) 'Tango Coral'	

## 2008 Star Performers

Star performers received \*, \*\*, or \*\*\* during **both** evaluation times as seen on the evaluation sheets for each site (pp.17-48). Plants are listed in alphabetical order by genus.

Dickinson	Williston	
<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Begonia</i> 'BIG Red Bronze Leaf'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Blue'
<i>Begonia</i> 'BIG Red Green Leaf'	<i>Begonia</i> 'BIG Red Green Leaf'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers Rose Vein'
<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Begonia</i> 'BIG Rose Bronze Leaf'	<i>Petunia</i> (Mini-flowered Trailing) 'Whispers White'
<i>Bidens</i> 'Mexican Gold'	<i>Bidens</i> 'Mexican Gold'	<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'
<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Capsicum</i> (Ornamental Pepper) 'Calico'	<i>Verbena</i> 'Escapade Pink'
<i>Celosia</i> 'Fresh Look Red'	<i>Coreopsis</i> 'Corey Yellow'	<i>Verbena</i> 'Lanai Blush White'
<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Diascia</i> 'Darla Light Pink'	<i>Verbena</i> 'Lanai Bright Pink'
<i>Juncus</i> 'Blue Dart'	<i>Diascia</i> 'Darla Rose 08'	<i>Verbena</i> 'Lanai Lavender Star'
<i>Lobelia</i> 'Techno Heat Electric Blue'	<i>Diascia</i> 'Diamonte Coral Rose'	<i>Verbena</i> 'Lanai Royal Purple with Eye'
<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Gaillardia</i> 'Sunburst Burgundy Picotee'	<i>Verbena</i> 'Lanai Upright Magenta'
<i>Nicotiana</i> (Flowering Tobacco) 'Perfume Deep Purple'	<i>Ipomoea</i> (Sweet Potato Vine) 'Sidekick Black Heart'	<i>Verbena</i> 'Lanai Upright Violet'
<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Lobelia</i> 'Techno Heat Upright Light Blue'	<i>Verbena</i> 'Rapunzel Lilac'
<i>Osteospermum</i> 'Tradewinds Pearl White'	<i>Osteospermum</i> 'Tradewinds Deep Purple'	<i>Verbena</i> 'Rapunzel Violet'
<i>Osteospermu</i> 'Tradewinds Purple Bicolor'	<i>Osteospermum</i> 'Tradewinds Purple Bicolor'	
<i>Pelargonium</i> (Geranium-Zonal) 'Americana Cherry Rose'	<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	
<i>Pelargonium</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	
<i>Pelargonium</i> (Geranium-Zonal) 'Avenida Mosaic Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	
<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Dark Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Eclipse Velvet Red'	
<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	<i>Pelargonium</i> (Geranium-Exotic) 'Graffiti Double Salmon'	
<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	<i>Pelargonium</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	
<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Lavender II'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Blue'	
<i>Petunia</i> (Grandiflora) 'Limbo Violet'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Burgundy'	
<i>Verbena</i> 'Lanai Lavender Star'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Lavender II'	
<i>Verbena</i> 'Lanai Royal Purple with Eye'	<i>Petunia</i> (Large-flowered Trailing) 'Jamboree Light Blue'	
<i>Verbena</i> 'Lanai Upright Magenta'	<i>Petunia</i> (Grandiflora) 'Limbo Violet'	
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	<i>Petunia</i> (Spreading) 'LoGro Yellow'	
<i>Zinnia Marylandica</i> 'Zahara Yellow'	<i>Petunia</i> (Spreading) 'Opera Supreme Pink Morn'	

## 2008 Site Evaluations and Measurements-Fargo, 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.

### Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	Syn	***9-10	***14-17	Very, very nice!	7-8	16-19	Some are dying but some are nice.
<i>Acroclinium</i> 'Best Mix'	Pk	*12-19	*10-15	Good bloom but not uniform in size.	10-18	10-14	Plants are dying and flowers are faded.
<i>Agastache cana</i> 'Purple Pigmy'	Pk	16-20	9-12	Just starting to bloom but good vigor.	**20-26	**22-24	Nice!
<i>Agastache foeniculum</i> 'Golden Jubilee'	Pk, AAS '03	*13-15	*10-14	Good vigor but just starting to bloom.	**25-27	**22-25	Good vigor and nice bloom.
<i>Agastache rupestris</i>	Pk	**17-22	**14-16	Good bloom and vigor.	**27-32	**28-30	Good bloom and vigor.
<i>Ageratum houstonianum</i> 'Leilani Blue'	Pk	9-13	8-17	Not uniform in size but good bloom.	15-19	22-24	Dead heads detract from appearance.
<i>Ageratum houstonianum</i> 'Patina Blue'	Syn	*5-7	*5-9	Nice little plants with good bloom but spread isn't uniform.	**7-9	**12-15	Nice bloom!
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	15-20	13-16	Good vigor but blooms hidden under foliage.	**25-31	**17-24	Lots of bloom and good vigor.
<i>Alternanthera dentata</i> 'Purple Knight'	Pk	3-5	10-14	Doing alright but not as vigorous as <i>Alternanthera</i> 'Royal Tapestry'.	3-5	8-12	No vigor and some are dying.
<i>Alternanthera dentata</i> 'Royal Tapestry'	PAS	***4-6	***20-24	Nice ground cover.	**7-9	**20-25	Good vigor; nice ground cover.
<i>Angelonia angustifolia</i> 'Serena Lavender'	Pk	7-10	4-12	Not uniform in size or bloom.	**13-15	**18-20	Very nice!
<i>Angelonia angustifolia</i> 'Serena Lavender Pink'	Pk	5-9	2-10	Not uniform in size or bloom.	11-13	13-15	Only 3 plants out of 6 left; not as floriferous as the others.
<i>Angelonia angustifolia</i> 'Serena White'	Pk	**8-9	**9-11	Nicest of the three <i>Angelonia</i> right now.	**11-14	**15-18	Best of the <i>Angelonia</i> right now.
<i>Antirrhinum majus</i> (Snapdragon) 'Frosted Sunset'	Pk	**10-12	**9-11	Good bloom and nice color.	11-13	10-12	Past peak bloom but healthy and vigorous.
<i>Antirrhinum majus</i> (Snapdragon) 'Rocket Mix'	Pk	**18-25	**10-15	Really good bloom right now.	25-31	13-16	Past peak bloom but healthy and vigorous.
<i>Antirrhinum majus</i> (Snapdragon) 'Speedy Sonnet Rose'	Ball	**14-16	**15-16	Really good bloom and size uniformity right now.	18-20	16-20	Past peak bloom but healthy and vigorous.
<i>Antirrhinum majus</i> (Snapdragon) 'Speedy Sonnet White'	Ball	*11-15	*8-10	Not as floriferous as <i>Antirrhinum</i> 'Speedy Sonnet Rose'.	18-20	15-18	Past peak bloom but healthy and vigorous.
<i>Begonia benariensis</i> 'BIG Red Bronze Leaf'	Ben	**7-10	**9-13	Good vigor and bloom.	9-11	10-20	Nice but not as full as the other two 'BIG' begonias.
<i>Begonia benariensis</i> 'BIG Red Green Leaf'	Ben	**6-9	**9-12	Good vigor and bloom.	**9-11	**16-18	Good vigor and bloom.



Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Begonia benariensis</i> 'BIG Rose Bronze Leaf'	Ben	**8-10	**10-15	Good vigor and bloom.	**12-14	**16-18	Good vigor and bloom.
<i>Bidens pelfi</i> 'Mexican Gold'	Syn	***9-11	***18-20	Nice show of yellow.	12-15	18-20	Good vigor but lull in bloom right now.
<i>Bracteantha bracteata</i> 'Strawburst Yellow'	Syn	*7-10	*8-12	Really good bloom but not uniform in size.	*9-13	*8-12	Getting crowded by static; not uniform in size but good bloom.
<i>Calibrachoa x hybrida</i> 'Callie Coral Pink'	Syn	**3-5	**12-13	Good vigor and bloom.	5-8	18-20	Some disease showing up.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	Syn	**5-7	**11-13	Good vigor and bloom.	8-10	18-20	Some disease-possibly Aster Yellows.
<i>Calibrachoa x hybrida</i> 'Callie Gold with Red Eye'	Syn	**5-7	**12-14	Good vigor and bloom.	7-9	16-18	A bit crowded by neighboring <i>Calibrachoa</i> .
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	Syn	**5-6	**13-15	Looks good.	5-7	12-14	Chlorotic.
<i>Calibrachoa x hybrida</i> 'Callie Orange 08'	Syn	3-6	8-14	Not uniform in size or bloom.	4-6	14-18	Disease present.
<i>Calibrachoa x hybrida</i> 'Callie Painted Coral'	Syn	**7-8	**12-13	Good vigor and bloom.	10-11	14-16	Doing alright.
<i>Calibrachoa x hybrida</i> 'Callie Peach'	Syn	**3-4	**10-12	Good vigor and bloom.	*4-7	*18-20	Doing alright but a bit of chlorosis.
<i>Calibrachoa x hybrida</i> 'Callie Purple 07'	Syn	**3-5	**12-14	Looks good.	**4-6	**18-20	One of the better <i>Calibrachoa</i> right now.
<i>Calibrachoa x hybrida</i> 'Callie Rose'	Syn	**3-5	**10-12	Good vigor and bloom.	**4-6	**18-20	One of the better <i>Calibrachoa</i> right now.
<i>Calibrachoa x hybrida</i> 'Callie Scarlet Red 08'	Syn	**5-6	**10-13	Good vigor and bloom.	4-7	18-20	Some disease showing up.
<i>Canna x generalis</i> 'Australia'	Pk	13-30	10-18	A few blooms but not uniform in height.	40-42	36-40	Good vigor but flowers a bit weather beaten.
<i>Canna x generalis</i> 'Bengal Tiger'	Pk	18-22	15-18	No bloom right now.	**38-40	**24-27	Nice show!
<i>Canna x generalis</i> 'Lucifer'	Pk	22-24	25-26	Just starting to bloom but good vigor.	**40-42	**24-26	Nice!
<i>Canna x generalis</i> 'Tropical Red'	Pk	10-14	19-20	Just starting to bloom but good vigor.	21-24	21-23	Doing alright.
<i>Canna x generalis</i> 'Tropical Sunrise'	Pk	*20-22	*20-25	Just starting to bloom but good vigor and fairly uniform in size.	**42-45	**36-38	Good bloom and vigor.
<i>Canna x generalis</i> 'Tropical White'	Pk	12-16	13-17	Best bloom right now of the <i>Cannas</i> .	24-26	17-19	Needs dead heading.
<i>Canna x generalis</i> 'Tropical Yellow'	Pk	12-18	11-14	Just starting to bloom.	24-29	17-20	Needs dead heading.
<i>Canna x generalis</i> 'Wyoming Dwarf'	Pk	30-33	30-33	No bloom but vigorous.	**52-60	**to 36	Not very dwarf!

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	5-12	6-12	Not uniform in size.	**9-12	**10-13	Good vigor and pepper production.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Calico'	PAS	**9-11	**9-11	Good vigor and variegated foliage is unique.	**9-12	**12-14	Red peppers contrast nicely with variegated foliage.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Purple Flash'	PAS	6-8	4-9	Not uniform in spread.	*7-11	*7-12	Good vigor but not uniform in size.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Variegated'	Pk	**12-13	**12-14	Looks good.	**13-15	**18-22	Looks good!
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	6	8	Only one plant; not too vigorous yet.	10	15	Only one plant there-it's doing alright.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Pink Blush'	Syn	3-8	3-10	Not uniform in size, vigor or bloom.	9-11	6-12	Not uniform in size and a bit smaller than other 'Nirvana' vinca.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Red'	Syn	**6-9	**6-10	Good vigor and bloom.	**11-13	**13-15	Nice!
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Violet'	Syn	4-10	5-11	Lost 7 of 12; good bloom on remaining plants.	**11-14	**13-15	Good bloom and vigor.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana White'	Syn	2-8	2-10	Lost 4 of 12; not uniform in size.	8-13	6-14	Not uniform in size but bloom alright.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	*6-9	*5-9	Not uniform in size but bloom good.	**11-13	**13-15	Good vigor and bloom.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Magenta Halo XP'	PAS	*5-9	*5-11	Good bloom but not uniform in spread.	*9-11	*10-12	Good vigor but not as many blooms as some other vinca.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Mix Halo'	PAS	6-9	4-9	Not uniform in size.	9-11	11-13	Not uniform in bloom but good vigor.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica White XP'	PAS	4-9	3-8	Not uniform in size.	7-11	12-15	Not uniform in size but bloom alright.
<i>Catharanthus roseus</i> (Vinca) 'Titan Pure White'	Ball	5-8	6-10	Not uniform in size but bloom alright.	**11-13	**13-16	Good vigor and show.
<i>Celosia cristata</i> 'Amigo Mix'	Pk	3-4	4-5	Not too vigorous.	3-4	3-4	Poor; no vigor.
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	8-10	2-10	Not uniform in size or bloom and not much vigor.	**14-18	**14-16	Good vigor and bloom.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	8-10	5-12	Not uniform in size or bloom and not much vigor, yet.	**15-19	**13-16	Good vigor and bloom.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	4-10	2-12	Not uniform in size or bloom and not much vigor, yet.	**13-19	**14-16	Good vigor and bloom.
<i>Celosia plumosa</i> 'Rainbow Sherbet'	Pk	4-8	3-7	Not uniform in size or bloom and not much vigor, yet.	6-8	3-12	Poor-not uniform in size, vigor or bloom.
<i>Celosia spicata</i> 'China Town'	Pk	11-12	3-10	Not uniform in size or vigor.	19-20	13-15	Nice show of red.
<i>Celosia spicata</i> 'Flamingo Purple'	Pk	11-21	2-12	Four really nice plants but two are small with no vigor.	**31-38	**33-36	Nice!

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Cobaea scandens</i> 'Royal Plum'	Pk	**Vining to 4'		Good vigor but no flowers, yet.		vining 3-4'	Being over-run by Purple Hyacinth Bean and Black-eyed Susan vine.
<i>Coreopsis grandiflora</i> 'Corey Yellow'	Syn	***16-18	***14-16	Great bloom and vigor; nice show.	19-20	11-14	Past peak bloom and <i>Gaillardia</i> 'Sundance Bicolor' crowding it.
<i>Coreopsis tinctoria</i> 'Sunfire'	Pk	9-12	7-11	Small but good bloom.	10-12	11-13	Past peak bloom but healthy.
<i>Craspedia chrysantha</i> 'Drumstick'	Pk	5-7	5-8	Not too vigorous and no flowers yet.	12-15	8-10	Just starting to bloom and statice is crowding it.
<i>Dahlia variabilis</i> 'Cactus Hybrids Mix'	TM	28-32	33-36	Good vigor; lots of buds but few flowers, yet.	up to 48	36-40	Very vigorous but some plants splitting apart.
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	7-9	9-11	Alright but not uniform in bloom.	8-9	13-15	Needs deadheading.
<i>Dianthus barbatus</i> 'Amazon Neon Duo'	Pk	**11-14	**8-10	Huge flowers!	12-17	13-16	Good bloom but not as vigorous as <i>Dianthus</i> 'Amazon Neon Rose Magic'.
<i>Dianthus barbatus</i> 'Amazon Neon Rose Magic'	Pk	**11-13	**8-10	Huge flowers!	**11-14	**10-15	Good bloom and fuller than <i>Dianthus</i> 'Amazon Neon Duo'.
<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	AAS '03	11-13	11-14	Just starting to bloom.	12-13	12-16	Not uniform in bloom and needs deadheading.
<i>Dianthus chinensis</i> 'Baby Doll'	Pk	7-9	9-12	Pretty flowers but not uniform in size or bloom.	8-10	15-17	Not uniform in size.
<i>Dianthus chinensis</i> 'Ideal Violet'	AAS '92	5-6	6-9	Very good bloom but plants are very small.	6-8	6-9	Not uniform in bloom and needs deadheading.
<i>Dianthus superbus</i> 'Kawara Pink'	Pk	15-18	9-11	Not very full.	**15-17	**17-19	Good bloom, vigor and uniformity.
<i>Diascia barberae</i> 'Darla Light Pink'	Syn	**8-10	**9-13	Good bloom and vigor.	**13-15	**18-22	Most floriferous of the <i>Diascia</i> right now.
<i>Diascia barberae</i> 'Darla Rose 08'	Syn	**9-13	**9-13	Good bloom and vigor.	13-15	18-22	Lull in bloom right now but vigor is good.
<i>Diascia barberae</i> 'Diamonte Coral Rose'	AAS '06	**9-11	**13-15	Looks good.	13-15	18-22	Good vigor but lull in bloom right now.
<i>Dichondra argentea</i> 'Silver Falls'	Pk	1-2	12-14	Just starting to spread.	*1	*20-22	Nice ground cover but not as vigorous as in the past.
<i>Dorotheanthus bellidiformis</i> 'Mezoo Trailing Red'	Syn	**1-2	**14-17	Good vigor but few flowers.	**5-6	**22-24	Very vigorous but few flowers; nice ground cover.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Cinderella Blue'	Pk	10-17	6-8	Nice bloom but one plant of six died.	12-16	6-8	Lull in bloom right now.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Cinderella Pink'	Pk	9-13	4-6	Not uniform in bloom.	7-14	7-9	Not too vigorous or floriferous.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Cinderella Yellow'	Pk	11-13	6-8	Not uniform in bloom and 2 of 6 plants died.	9-14	7-9	Falling over and sickly.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Echo Mix'	Pk	11-13	6-8	Lots of pink and white; not uniform in bloom.	12-14	7-9	Sickly; only light pink and white colors.

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Eustoma grandiflorum</i> (Lisianthus) 'Florida Mix'	Pk	4-6	4-6	Only 3 of 7 plants still there.	10	8-9	Only 2 plants left; good bloom.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	7-10	7-14	Not uniform in size or bloom.	**10-12	**13-17	Past peak bloom but seed heads attractive.
<i>Gaillardia aristata</i> 'Sunburst Burgundy Picotee'	Syn	**11-13	**12-14	Good bloom and vigor.	**13-15	**18-20	Good bloom and vigor but a few dying plants.
<i>Gaillardia aristata</i> 'Sunburst Scarlet Halo'	Syn	**8-10	**8-13	Not uniform in spread but good bloom.	**10-12	**15-20	Nice; looks very similar to <i>Gaillardia</i> 'Arizona Sun'.
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	AAS '03	10-17	12-19	Not uniform in size but bloom and vigor good.	20-24	20-25	Past peak bloom but healthy and vigorous.
<i>Gazania rigens</i> 'Daybreak Mix'	Pk	3-6	5-9	Not uniform in size but bloom good.	7-9	8-13	Not uniform in size; flowers not open right now.
<i>Gazania rigens</i> 'Dynastar Vanilla Ice'	Pk	6-10	8-13	Not uniform in size or bloom.	6-11	12-18	One dying plant; flowers not open right now.
<i>Gomphrena globosa</i> 'All Around Purple'	Pk	10-12	7-9	Only 3 plants of 6 there; small but uniform with good bloom.	11-13	15-17	Good bloom but one plant dying.
<i>Gomphrena globosa</i> 'Purple Gomp'	Gri	6-12	4-10	Only 3 plants there of 6 planted; not uniform in size.	**11-13	**15-18	Looks good!
<i>Gomphrena haageana</i> 'Strawberry Fields'	Pk	8-10	3-12	Not too vigorous and not uniform in size.	**12-18	**20-28	Nice bloom!
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose'	AAS '04	3-4	4-6	Not much vigor.	2-3	4-6	Poor, no vigor.
<i>Helenium amarum</i> 'Goldfield'	Pk	6-11	7-12	Good bloom but not uniform in size.	*9-14	*11-16	Good bloom but not uniform in size.
<i>Helichrysum petiolare</i> 'Silver Mist'	Pk	5-7	10-14	Just starting to grow well.	7-9	15-17	Doing alright.
<i>Hibiscus moscheutos</i> 'Luna Rose'	PAS	12-16	6-12	Nice little plants but no flowers.	20-23	20-24	Huge flowers!
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Deep Red 08'	Syn	3-4	5-6	Small; not a lot of bloom.	4-6	5-9	Not uniform in size or bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Lilac'	Syn	3-4	5-6	Small; not a lot of bloom.	4-6	5-9	Not uniform in size or bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Mango'	Syn	3-4	6-7	Small; not a lot of bloom.	4-5	6-8	Not uniform in bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Orange 08'	Syn	4-5	6-7	Small; not a lot of bloom.	5-7	5-10	Not uniform in size or bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Scarlet 09'	Syn	3-4	5-6	Small; not a lot of bloom.	4-5	6-7	Not uniform in bloom but size uniformity alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Sweet Orange 09'	Syn	3-4	5-7	Small; not a lot of bloom.	3-4	5-6	Small; not much bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Lavender 08'	Syn	3-4	6-7	Small; not a lot of bloom.	4-5	6-9	Not uniform in size or bloom.

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Lilac 09'	Syn	3-5	5-8	Small; not a lot of bloom.	4-6	4-11	Not uniform in size or bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Magenta 08'	Syn	4-5	5-8	Small; not a lot of bloom.	6-8	10-13	Best of the New Guinea impatiens here; it has the most bloom and vigor.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Pastel Pink'	Syn	3-4	5-6	Small; not a lot of bloom.	4-5	4-6	Small and not much bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Red 08'	Syn	3-4	5-6	Small; not a lot of bloom.	4-5	6-8	Small and not much bloom.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Cherry Cream'	Syn	3-4	4-7	Small; not a lot of bloom.	5-6	5-9	Small; not much bloom.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Cherry Red 09'	Syn	3-4	7-12	Bloom alright but plants small.	3-4	9-16	Bloom alright but plants not as vigorous as they should be.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'	Syn	3-5	8-10	Bloom alright but plants small.	4-6	11-15	Bloom alright but plants not as vigorous as they should be.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Purple'	Syn	3-4	7-10	Bloom alright but plants small.	3-5	11-13	Bloom alright but plants not as vigorous as they should be.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Salmon 09'	Syn	3-4	8-10	Bloom alright but plants small.	3-4	11-15	Bloom alright but plants not as vigorous as they should be.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette White'	Syn	2-3	7-10	Bloom alright but plants small.	3-4	9-11	Bloom alright but plants not as vigorous as they should be.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Blackie'	Unk	***6-8	***28-32	Very nice!	7-9	12-15	Least vigorous and most liked by bugs.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Margarita'	Shot	***7-8	***to 36	Very nice!	***to 11	***to 4'	Very, very vigorous.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Sidekick Black Heart'	Syn	***11-12	***30-33	Very vigorous and uniform in size.	***to 16	***to 40	Very nice and vigorous.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	Syn	***11-12	***20-22	Very vigorous and uniform in size.	***to 14	***to 40	Very nice and vigorous.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Tricolor'	Shot	***7-8	***to 40	Very nice!	**7-9	**to 36	Nice!
<i>Ipomoea imperialis</i> 'Tie Dye Blue'	Pk	8-10	to 24	Good vigor and some flowers.	Vining 4-5'		Vigorous but not many blooms right now.
<i>Ipomoea imperialis</i> 'Tie Dye Pink'	Pk	8-10	to 24	No flowers but vigor good.	Vining 4-5'		Vigorous but not many blooms right now.
<i>Ipomoea x multifida</i> (Cardinal Climber)	Pk	**Vining to 4'		Good vigor and bloom.	Vining to 6'		Very vigorous but few blooms.
<i>Ipomoea purpurea</i> 'Scarlet O'Hara'	TM	Vining to 3'		Not as vigorous as <i>Ipomoea</i> 'Star of Yelta' and few flowers.	Vining to 6'		Very vigorous but few blooms.
<i>Ipomoea purpurea</i> 'Star of Yelta'	Pk	**Vining to 4'		Good vigor but few flowers.	Vining to 6'		Trellis fell over; very vigorous.
<i>Isolepis cernua</i> 'Live Wire'	Pk	2-3	4-5	Small, no vigor.	2-3	3-4	Poor-no vigor.

Fargo-2008

Genus species 'Cultivar' (Corkscrew Plant)	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Juncus effusus</i> 'Spiralis'	Pk	10-12	12-15	Interesting but foliage yellowing.	**10-13	**14-16	A bit overshadowed by Fountain Grass next to it.
<i>Juncus inflexus</i> 'Blue Arrows'	PAS	**14-16	**15-17	Good vigor and unique look.	**20-22	**22-24	Nice!
<i>Juncus inflexus</i> 'Hedgehog'	Pk	8-9	8-9	Doing alright.	**10-11	**11-13	Interesting but pokey!
<i>Juncus pallidus</i> 'Javelin'	PAS	20-24	19-30	Looks good.	**36-38	**38-40	Looks nice!
<i>Juncus tenuis</i> 'Blue Dart'	PAS	**10-12	**8-10	Nice.	**13-15	**11-14	Looks good!
<i>Koeleria glauca</i> 'Blue Sprite'	PAS	4-6	4-8	Small.	4-5	7-9	Small; one plant with a flower head.
<i>Lablab purpureus</i> ( <i>Dolichos lablab</i> ) (Purple Hyacinth Bean)	Pk	**Vining to 4-5'		Good vigor but no flowers, yet.	***Vining 5-6'		Great bloom and vigor.
<i>Lantana camara</i> 'Bandana Cherry'	Syn	5-8	5-10	Doing alright.	**9-11	**15-17	Good vigor and bloom.
<i>Lantana camara</i> 'Bandana Pink 07'	Syn	2-7	3-9	Not uniform in size or bloom.	*6-11	*10-15	Not as uniform in size as other <i>Lantana</i> .
<i>Lantana camara</i> 'Bandana Red'	Syn	4-7	6-9	Doing alright.	**7-10	**11-15	Good bloom and vigor.
<i>Lantana camara</i> 'Bandana Rose'	Syn	7-8	7-10	Nice little plants; most vigorous of the <i>Lantana</i> .	**10-13	**10-14	Nicest of <i>Lantana</i> right now; good vigor and bloom.
<i>Lathyrus odoratus</i> (Sweet Pea) 'Mammoth Scarlet'	SGS	**Vining to 3-4'		Good bloom and vigor.	Vining 2-3'		Decline in bloom.
<i>Laurentia hybrida</i> 'Avant-Garde Blue'	Pk	*6-9	*6-15	A few smaller plants.	**10-11	**16-20	Nice, little plants with lots of flowers.
<i>Laurentia hybrida</i> 'Avant-Garde Pink'	Pk	**7-9	**10-13	Nice little plants.	**9-10	**19-20	Nice, little plants with lots of flowers.
<i>Laurentia hybrida</i> 'Avant-Garde White'	Pk	6-9	6-15	2 of 6 died; not uniform in size.	**9-10	**16-25	Nice, little plants with lots of flowers.
<i>Lavandula angustifolia</i> 'Potpourri Dark Purple'	Ball	10-15	6-9	Doing alright.	11-18	10-14	Doing alright.
<i>Limonium sinuatum</i> (Statice) 'Soiree Mix'	Pk	*19-30	*16-20	Good vigor but just starting to bloom.	**26-33	**26-28	Great bloom and vigor.
<i>Limonium sinuatum</i> (Statice) 'Supreme Extra Pastel Mix'	Pk	**25-29	**15-20	Good vigor and bloom.	**24-30	**to 28	Great bloom and vigor.
<i>Lobelia erinus</i> 'Fountain Blue'	Pk	3-4	6-8	No vigor; 3 of 6 died.	3-7	8-12	Not very vigorous.
<i>Lobelia erinus</i> 'Fountain Crimson'	Pk	3-4	5-7	No vigor; 3 of 6 died.	3-7	8-11	No vigor.
<i>Lobelia erinus</i> 'Fountain White'	Pk	2-3	6-8	No vigor; 2 of 6 died.	4-6	8-12	Not very vigorous or uniform in size.

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Lobelia erinus</i> 'Techno Heat Dark Blue'	Syn	*6-8	*9-12	Good bloom but not uniform in spread.	6-8	14-18	Not as floriferous as earlier but doing alright.
<i>Lobelia erinus</i> 'Techno Heat Electric Blue'	Syn	*5-7	*9-12	Good bloom but not uniform in spread.	6-8	18-20	Not as floriferous as earlier but doing alright.
<i>Lobelia erinus</i> 'Techno Heat Upright Dark Blue'	Syn	4-6	5-9	Lost 4 of 12; not much vigor right now.	5-7	7-16	Not as vigorous as other <i>Lobelia</i> and not uniform in size.
<i>Lobelia erinus</i> 'Techno Heat Upright Light Blue'	Syn	**7-8	**9-11	Best bloom and vigor of the <i>Lobelia</i> right now.	**8-10	**12-14	Has done great all season!
<i>Lobularia maritima</i> (Sweet Alyssum) 'Pastel Carpet'	Pk	3-10	2-5	Not uniform in size or bloom.	2-6	6-17	Not uniform in size or bloom.
<i>Lobularia maritima</i> (Sweet Alyssum) 'Snow Crystals'	Pk	3-5	4-12	Not uniform in size or bloom.	5-6	10-17	Not uniform in size or bloom.
<i>Melampodium paludosum</i> 'Derby'	Pk	6-9	5-10	Good bloom but not uniform in size.	10-18	9-15	Not uniform in size but great bloom.
<i>Melampodium paludosum</i> 'Melanie'	Pk	5-12	5-12	Good bloom but not uniform in size.	12-18	12-23	Not uniform in size but great bloom.
<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Broken Colors'	Pk	*18-21	*23-26	Just starting to bloom but very good vigor.	**23-30	**29-30	Good vigor and bloom.
<i>Mirabilis jalapa</i> (Four-O-Clocks) 'Limelight'	Pk	**12-15	**20-24	Good vigor; nice bright color.	**20-24	**28-30	Good vigor and bloom.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	11-15	8-13	Not uniform in spread but bloom good.	6-18	6-16	Not as vigorous as normal and not uniform in size.
<i>Nolana paradoxa</i> 'Sun Belle Mix'	TM	**7-8	**22-24	Nice ground cover.	3-4	11-13	Dying.
<i>Osteospermum ecklonis</i> 'Asti White'	AAS '08	**13-15	**14-16	Good bloom and size uniformity.	*20-22	*18-20	Good vigor-huge plants!
<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	Syn	**10-11	**14-15	Good bloom, vigor and size uniformity.	**16-18	**15-17	Very nice!
<i>Osteospermum ecklonis</i> 'Tradewinds Pearl White'	Syn	**11-13	**13-14	Good bloom, vigor and size uniformity.	**16-18	**15-17	Nice!
<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	Syn	**10-12	**13-14	Good bloom, vigor and size uniformity.	13-16	15-17	Getting crowded by <i>Osteospermum</i> 'Tradewinds Pearl White' and 'Tradewinds Yellow Bicolor'.
<i>Osteospermum ecklonis</i> 'Tradewinds Yellow Bicolor'	Syn	**10-11	**11-13	Good bloom, vigor and size uniformity.	*20-21	*17-20	Good vigor but not uniform in bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose'	Syn	***13-14	***13-15	Nice show!	**15-16	**16-18	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cranberry Red'	Syn	**10-12	**12-13	Good bloom and vigor.	*13-15	*13-15	Nice but not as vigorous as some other geraniums right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink'	Syn	**9-12	**10-13	Good bloom and vigor.	**14-15	**13-15	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	Syn	**13-15	**12-15	Good bloom and vigor.	**17-20	**16-18	Good bloom and vigor.

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	Syn	**9-11	**9-11	Good bloom and vigor.	*14-16	*14-16	Not as bright as earlier but good vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Salmon 09'	Syn	**10-12	**13-15	Good bloom and vigor.	**13-15	**16-18	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Trailing Dark Red'	Syn	**11-12	**14-16	Good bloom and vigor.	12-13	18-22	Slightly chlorotic but bloom alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Violet'	Syn	***11-13	***12-14	A nice show of color!	**16-17	**13-15	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana White 09'	Syn	**11-13	**13-15	Good bloom and vigor.	*18-22	*16-18	Good vigor but browning heads detract from appearance.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana White Splash 09'	Syn	**8-10	**9-11	Good bloom and vigor.	*9-11	*10-12	Much smaller than other 'Americana' geraniums; good bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Red'	Syn	**13-15	**13-15	Good bloom and vigor.	**18-20	**18-22	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Appleblossom'	Pk	**12-13	**14-17	Good bloom and vigor.	*14-18	*19-26	Nice but not as showy as some other 'Black Velvet' geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Rose'	Pk	**11-14	**12-15	Good bloom and vigor.	**14-16	**19-24	Vigorous and floriferous.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Salmon'	Pk	**13-15	**13-15	Good bloom and vigor.	**16-19	**22-25	Vigorous and floriferous.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Black Velvet Scarlet'	Pk	**13-14	**12-14	Good bloom and vigor.	**13-14	**18-22	Vigorous and floriferous.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Dark Red'	Syn	**9-11	**9-12	Good bloom and vigor.	9-11	11-13	Not as vigorous as <i>Pelargonium</i> 'Eclipse Velvet Red' or 'Eclipse Light Salmon II'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	Syn	**12-14	**12-15	Good bloom and vigor.	**16-18	**15-17	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Rose Mega Splash'	Syn	***8-10	***8-12	Very, very showy!	6-10	11-13	Lull in bloom but good vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Velvet Red'	Syn	**10-12	**12-14	Good bloom and vigor.	**12-15	**14-16	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Red'	Syn	**9-11	**10-12	Neat 'balls' of flowers.	12-14	11-13	Good vigor but not as floriferous as earlier this summer.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'	Syn	**10-11	**9-10	Unique flowers and very uniform in size.	*15-17	*13-16	Nice but not as floriferous as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orange Appeal'	Pk	**8-10	**10-12	Looks good!	9-11	9-13	Not quite as nice as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Appleblossom'	Pk	**10-11	**10-14	Good bloom and vigor.	13-14	20-21	Good bloom but a bit chlorotic.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Deep Salmon'	Pk	**10-12	**10-12	Good bloom and vigor.	*13-15	*18-20	Not quite as full or floriferous as <i>Pelargonium</i> 'Orbit Red'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Pink'	Pk	**10-12	**10-12	Good bloom and vigor.	12-14	16-18	Looks good.



Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Red'	Pk	**11-12	**12-14	Very uniform in size.	**17-18	**29-30	Very vigorous and floriferous.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Rose'	Pk	**10-12	**10-12	Good bloom and vigor.	13-15	18-20	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Scarlet'	Pk	**11-13	**14-16	Good bloom and vigor.	*15-17	*20-22	Nice but not quite as floriferous or full as <i>Pelargonium</i> 'Orbit Red'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit Violet'	Pk	**12-13	**12-14	Good bloom and vigor.	13-16	12-17	Not as nice as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Orbit White Improved'	Pk	**12-13	**12-14	Good bloom and vigor.	*16-17	*20-22	Nice but not as floriferous as <i>Pelargonium</i> 'Orbit Red'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Coral'	Syn	**11-13	**11-13	Looks good.	**14-16	**11-13	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	Syn	**10-12	**12-15	Good vigor and bloom.	**12-14	**13-15	Looks good!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	Syn	**12-15	**12-14	Good vigor and bloom.	*18-19	*16-18	Good vigor but not quite as floriferous as some others.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Magenta'	Syn	**10-12	**10-15	Good vigor and bloom.	**13-15	**13-15	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	Syn	**12-14	**12-14	Good bloom and vigor.	**17-19	**16-18	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Violet'	Syn	**11-13	**12-14	Good bloom and vigor.	**13-17	**15-17	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	Syn	**11-14	**11-14	Good bloom and vigor.	**14-17	**15-17	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Magenta'	Syn	9-13	8-12	Not quite as vigorous or showy as many other geraniums.	9-13	11-14	Nice but not as vigorous or floriferous as some other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red 09'	Syn	**9-12	**12-14	Good bloom and vigor.	12-15	10-14	Not as floriferous as others right now.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango White'	Syn	9-11	8-12	Not quite as vigorous or showy as many other geraniums.	8-11	7-11	Not uniform in size and not as vigorous as other 'Tango' geraniums.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	Syn	***10-11	***13-15	Great!	17-18	18-20	Good vigor but lull in bloom right now.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	Syn	***10-11	***13-15	Great!	13-15	14-16	Not as floriferous as earlier this summer.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	Syn	***10-11	***13-15	Great!	12-14	14-16	Not as floriferous as earlier this summer.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	Syn	**7-9	**14-16	Nice!	9-11	13-15	Good vigor but not many blooms.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Beach'	Syn	**11-13	**12-15	Good bloom and vigor.	11-17	18-22	Good vigor but not many blooms.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	Syn	**8-10	**12-15	Good bloom and vigor.	7-9	12-14	Not as floriferous as earlier.

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Compact Burgundy'	Syn	**8-10	**14-16	Good bloom and vigor.	7-9	12-15	Hardly any flowers right now.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Lambada Hot Pink'	Syn	7-9	9-12	Not quite as full or vigorous as the other ivy geraniums.	6-7	11-13	Least vigorous of the ivy geraniums right now.
<i>Pennisetum glaucum</i> 'Jester'	Pk	18-24	8-13	Not looking very nice right now.	18-26	8-16	Poor; no vigor.
<i>Pennisetum setaceum</i> (Fountain Grass)	Pk	***28-30	***28-30	Very nice!	***to 46	***36-38	Nice, as usual.
<i>Pentas lanceolata</i> 'Graffiti Bright Red'	Ben	3-4	4-5	Small, not very nice.	5-6	7-9	Small but good bloom.
<i>Pentas lanceolata</i> 'Northern Lights Lavender'	Ben	6-9	4-9	Not uniform in bloom or size but some plants really nice.	**11-13	**11-15	Looks good!
<i>Petunia hybrida</i> (Spreading) 'Baby Duck Yellow'	PAS	**to 12	**to 40	Very nice!	11-13+	42+	Over-took <i>Petunia</i> 'LoGro White'.
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	AAS '03	**9-10	**to 40	Good bloom and vigor.	8-10	24-30	Good vigor.
<i>Petunia hybrida</i> (Multiflora) 'Carpet Pink Improved'	PAS	**12-14	**22-24	Good bloom and vigor.	14-15	18-20	Being crowded by <i>Petunia</i> 'Tidal Wave Silver'.
<i>Petunia hybrida</i> (Floribunda) 'Celebrity Blue Improved'	Pk	**13-15	**18-20	Good bloom and vigor.	**11-13	**24-26	Good vigor and bloom.
<i>Petunia hybrida</i> (Grandiflora) 'Dreams Fuchsia'	PAS	**12-14	**20-22	Good bloom and vigor.	13-15	22-24	Not blooming all that great right now.
<i>Petunia hybrida</i> (Grandiflora) 'Dreams DayDreams Mix'	PAS	**12-14	**15-18	Good bloom and vigor.	13-14	20-22	Not blooming all that great right now.
<i>Petunia hybrida</i> (Grandiflora) 'Dreams Rose Morn'	PAS	**13-15	**20-22	Good bloom and vigor.	13-15	22-24	Not that great right now.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Mystic Pink'	PAS	**9-12	**30-36	Nice!	14-16	to 36	Not as nice as earlier.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Pink Marble Mix'	PAS	**12-15	**18-24	Good bloom and vigor.	10-13	20-24	Not as nice as earlier.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Red'	Pk	**11-12	**33-36	Good bloom and vigor.	13-15	24-30	Doing alright.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Rosy Dawn'	Pk	**6-8	**26-30	Good bloom and vigor.	10-13	24-38	Being over-run by <i>Petunia</i> 'Easy Wave Red' and 'Easy Wave Misty Pink'.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Blue'	Syn	***12-14	***to 36	Great!	13-15	22-24	Crowded by <i>Petunia</i> 'Lavender Wave' and 'Jamboree Light Blue'.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Burgundy'	Syn	***12-15	***to 40	Great!	**14-16	**to 36	Very vigorous.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Lavender II'	Syn	***11-13	***to 40	Great!	15-17	to 24	Crowded by <i>Petunia</i> 'Jamboree Burgundy' and 'Jamboree Light Blue'.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	Syn	***11-13	***to 40	Great!	**14-16	**22-24	Nice!

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	AAS '02	***6-8	***to 40	Very, very nice!	**6-8	**to 36	Good vigor and bloom.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	**8-10	**15-17	Good bloom and vigor.	8-9	22-24	Not as nice as earlier.
<i>Petunia hybrida</i> (Spreading) 'LoGro White'	Gri	**6-7	**10-12	Good bloom and vigor.	( )	( )	<i>Petunia</i> 'Baby Duck Yellow' over-ran this one.
<i>Petunia hybrida</i> (Spreading) 'LoGro Yellow'	Gri	***to 10	***to 38	Tons of flowers!	15-17	33-36	Good vigor but not as floriferous as before.
<i>Petunia hybrida</i> (Floribunda) 'Madness Plum Crazy Improved'	Ball	**( )	**( )	Good bloom and vigor.	12-16	28-30	Doing alright.
<i>Petunia hybrida</i> (Floribunda) 'Madness Red Improved'	Ball	**10-11	**14-16	Good bloom and vigor.	11-13	24-26	Doing alright.
<i>Petunia hybrida</i> (Floribunda) 'Madness Yellow'	Ball	**9-11	**12-22	Good bloom and vigor.	13-15	22-25	Doing alright.
<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	AAS '03	**12-14	**20-22	Good bloom and vigor.	9-10	18-20	Not as showy as earlier.
<i>Petunia hybrida</i> (Spreading) 'Misty Lilac Wave'	Pk	***10-12	***to 42	Nice!	9-11	36+	Good vigor but blossoms look sick.
<i>Petunia hybrida</i> (Trailing grandiflora) 'Opera Supreme Lilac Ice'	Pk	**8-10	**to 36	Nice!	5-7	to 24	Decline in bloom from earlier this summer.
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	AAS '07	**7-9	**33-36	Nice!	10-12	24-30	Being crowded by <i>Petunia</i> 'Vista Bubblegum'.
<i>Petunia hybrida</i> (Spreading) 'Pink Wave'	Pk	***5-6	***to 36	Very nice!	5-7	18-20	Looks like some Aster Yellows.
<i>Petunia hybrida</i> (Spreading) 'Purple Wave'	AAS '95	**8-10	**to 36	Good bloom and vigor.	5-7	to 36	Alright but not as nice as earlier this summer.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Ivory'	PAS	***9-10	***28-30	Tons of flowers!	15-17	28-36	Nice but a bit of yellowing foliage.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Pink Vein'	PAS	**8-9	**12-16	Nice but being over-run by <i>Petunia</i> 'Tidal Wave Silver'.	( )	( )	Totally swallowed up by <i>Petunia</i> 'Tidal Wave Silver'.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Purple'	PAS	**to 16	**to 36	Good bloom and vigor.	11-13	28-26	A bit of disease present.
<i>Petunia hybrida</i> (Spreading) 'Shock Wave Rose'	PAS	***4-6	***28-30	Solid mass of pink.	11-13	28-30	A bit of disease present.
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	AAS '02	***to 13	***to 48	Very, very vigorous and showy!	**13-16	**to 48	Very vigorous!
<i>Petunia hybrida</i> (Grandiflora) 'Ultra Crimson Star'	AAS '88	**10-11	**18-20	Good bloom and vigor.	13-15	24-26	Not as nice as earlier.
<i>Petunia hybrida</i> (Supertunia) 'Vista Bubblegum'	Unk	***to 18	***to 38	Great!	**14-17	**36+	Very nice and vigorous.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	Syn	***12-14	***to 40	Nice!	**12-14	**to 36	Nice!

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Solenostemon scutellarioides</i> (Coleus) 'Dark Chocolate'	PAS	3	3	Only 1 of 6 left; something ate the rest.	4	5	Small; no vigor.
<i>Solenostemon scutellarioides</i> (Coleus) 'Aureole'	Pk	5-6	6-7	Only 3 plants there.	10-14	5-10	Not much vigor.
<i>Solenostemon scutellarioides</i> (Coleus) 'Limelight'	Pk	6-9	6-10	Doing alright.	15-18	8-20	Not uniform in size.
<i>Solenostemon scutellarioides</i> (Coleus) 'Palisandra'	Pk	6-10	5	Only 2 of 6 plants still there.	13-14	8-9	Not much vigor.
<i>Spilanthes oleracea</i> 'Peek-A-Boo'	Pk	4-5	9-18	Not uniform in spread and just starting to bloom.	**7-9	**18-20	Good bloom and vigor.
<i>Stipa tenuissima</i> 'Ponytails'	Pk	**18-20	**14-16	Good vigor.	**24-26	**30-36	Nice!
<i>Sutera cordata</i> (Bacopa) 'Calypso Jumbo White'	Syn	3-4	8-10	Lost 4 of 12; not very healthy-foliage looks burned.	1-3	10-16	About half died; survivors look alright.
<i>Tagetes erecta</i> (Marigold) 'Inca Gold'	Pk	**12-15	**16-19	Very nice!	18-20	22-25	Doing alright.
<i>Tagetes erecta</i> (Marigold) 'Inca Orange'	Pk	**11-13	**15-18	Nice!	19-22	22-25	Some Aster Yellows, otherwise alright.
<i>Tagetes erecta</i> (Marigold) 'Inca Primrose'	Pk	**14-15	**17-19	Looks good.	18-20	20-24	Dead heads detract from appearance and some Aster Yellows present.
<i>Tagetes erecta</i> (Marigold) 'Inca Yellow'	Pk	*11-16	*12-17	Not uniform in height but good bloom.	15-17	20-22	Doing alright but dead heads detract a bit.
<i>Tagetes erecta</i> (Marigold) 'Mumsy Mix'	Pk	8-18	8-16	Good bloom but not uniform in height.	13-18	18-22	A bit past peak bloom and some Aster Yellows present.
<i>Tagetes erecta</i> (Marigold) 'Moonstruck Orange'	Pk	*9-11	*11-14	Nice but not uniform in size.	16-18	13-15	Alright.
<i>Tagetes erecta</i> (Marigold) 'Parks Whopper Gold'	Pk	*13-17	*15-19	Looks good.	**22-26	**20-22	Good bloom and vigor.
<i>Tagetes erecta</i> (Marigold) 'Park's Whopper Orange'	Pk	*13-16	*14-17	Good bloom.	**18-22	**20-23	Nice and bright.
<i>Tagetes erecta</i> (Marigold) 'Park's Whopper Yellow'	Pk	**15-18	**15-17	Good bloom and size uniformity.	20-22	20-24	One plant split apart.
<i>Tagetes erecta</i> (Marigold) 'Vanilla'	PAS	*18-20	*16-20	Doing alright.	**20-25	**25-30	Falling over into <i>Tagetes</i> 'Moonstruck Orange'; but good bloom and vigor.
<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'	Gri	*14-23	*17-20	One plant that is taller than the rest; otherwise good bloom and vigor.	16-20	18-22	Some Aster Yellows but good bloom and vigor.
<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Sunburst Orange'	Pk	**11-17	**19-20	Good vigor, bloom, and size uniformity.	18-20	20-22	Doing alright.
<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Zenith Red'	Pk	**14-16	**18-20	Good bloom and vigor.	**15-17	**22-24	Good bloom!
<i>Talinum paniculata</i> 'Limon'	PAS	**17-20	**20-23	Good vigor.	**36-38	**38-40	Good vigor-nice!

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
		Height	Spread	Comments	Height	Spread	Comments
<i>Thunbergia alata</i> (Black-eyed Susan Vine) 'Mix'	Pk	**Vining 3-4'		Good bloom and vigor.	**vining 5-6 feet		Very nice!
<i>Thymophylla tenuiloba</i> (Dahlberg Daisy)	Pk	**7-8	**12-14	Nice show of yellow.	6-7	15-17	Dahlia crowding it; two plants dying.
<i>Tropaeolum majus</i> (Nasturtium) 'Alaska Gold'	Pk	*8-12	*10-15	Not uniform in size but good vigor and lots of flowers.	*12-15	*24-28	Very vigorous but few flowers.
<i>Verbena bonariensis</i>	Pk	**38-40	**36-38	Neat!	**38-40	**38-40	There is some powdery mildew but otherwise vigorous and floriferous.
<i>Verbena x hybrida</i> 'Escapade Bright Eye'	Syn	***10-11	***18-24	Most vigorous of the <i>Verbena</i> right now; nice!	9-10	24-26	Very vigorous but few flowers right now.
<i>Verbena x hybrida</i> 'Escapade Pink'	Syn	***6-8	***18-20	Nice carpet of pink!	**9-10	**24-26	Vigorous and floriferous.
<i>Verbena x hybrida</i> 'Lanai Blush White'	Syn	**6-9	**15-20	Good bloom and vigor.	7-9	24-26	Very vigorous but few flowers.
<i>Verbena x hybrida</i> 'Lanai Bright Pink'	Syn	**4-5	**18-22	Good bloom and vigor.	4-6	24-26	Good vigor but not many blooms right now.
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	Syn	***8-9	***18-20	Solid mass of purple.	**11-12	**17-18	Good bloom and vigor.
<i>Verbena x hybrida</i> 'Lanai Peach'	Syn	**4-7	**16-20	Good bloom and vigor.	*4-7	*16-18	Good vigor but not as floriferous as <i>Verbena</i> 'Lanai Lavender Star'.
<i>Verbena x hybrida</i> 'Lanai Purple Star'	Syn	3-4	10-15	Not as floriferous, full or vigorous as other <i>Verbena</i> .	*6-8	*16-18	Nice but not quite as floriferous as some other <i>Verbena</i> right now.
<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'	Syn	***7-8	***18-20	Great bloom!	*11-12	*18-20	Very good vigor but only about half the plants are blooming.
<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	Syn	**11-13	**12-15	Nice!	**12-13	**16-18	Very good vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Upright Violet'	Syn	**6-7	**10-12	One plant without any blooms; otherwise very nice and vigorous.	**7-8	**12-14	Very good vigor and bloom.
<i>Verbena x hybrida</i> 'Quartz XP Purple'	PAS	**6-7	**12-15	Good bloom and vigor.	6-7	15-18	Some powdery mildew and spider mites.
<i>Verbena x hybrida</i> 'Quartz XP Red Eye'	PAS	**6-8	**12-15	Good bloom and vigor.	5-7	15-18	Dying; powdery mildew and spider mites.
<i>Verbena x hybrida</i> 'Quartz XP Scarlet'	PAS	5-8	8-17	Not uniform in spread.	7-10	12-19	Some powdery mildew and spider mites.
<i>Verbena x hybrida</i> 'Quartz XP Silver'	PAS	**7-9	**12-15	Good bloom and vigor.	6-8	24-25	Decline in bloom.
<i>Verbena x hybrida</i> 'Quartz XP White'	PAS	**6-8	**10-14	Good bloom and vigor.	8-10	17-19	Doing alright.
<i>Verbena x hybrida</i> 'Rapunzel Lilac'	Syn	**6-7	**14-16	Nice!	**6-7	**16-20	Very good vigor and bloom.
<i>Verbena x hybrida</i> 'Rapunzel Violet'	Syn	**5-6	**12-16	Nice!	**6-7	**16-18	Very good vigor and bloom.

Fargo-2008

Genus species 'Cultivar'	Seed/Plant Source	July 29			September 8 and 9		
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<i>Verbena rigida</i> 'Rigida Rose'	Gri	10-12	14-16	Just starting to bloom.	**15-17	**13-16	Nice!
<i>Verbena tenuisecta</i> 'Imagination'	Pk	**12-16	**30-36	Good bloom but size uniformity could be better.	13-15	36-40	Good vigor but flowers on outside edges only.
<i>Viola</i> F1 'Skippy XL Plum-Gold'	AAS '08	4-5	8-10	Doing alright; not being eaten by rabbits.	3-5	7-10	Not too vigorous and some powdery mildew.
<i>Viola</i> F1 'Skippy XL Red-Gold'	AAS '06	5-6	8-10	Doing alright; not being eaten by rabbits.	3-5	7-10	Not too vigorous and some powdery mildew.
<i>Viola</i> F1 'Rain Blue and Purple'	AAS '09	4-5	8-9	Doing alright; not being eaten by rabbits.	3-5	7-10	Not too vigorous and some powdery mildew.
<i>Zinnia angustifolia</i> 'Crystal Orange'	Pk	6-9	6-12	Good bloom but size not uniform.	14-16	10-20	Not uniform in size but good bloom.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	**7-8	**8-10	Nice; uniform in size and bloom.	**12-16	**15-18	Nice!
<i>Zinnia elegans</i> 'Magellan Mix'	Pk	4-11	7-13	Lost 6 of 12 plants; size not uniform.	8-18	13-18	Not uniform in height but bloom good.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	10-12	6-12	Spread not uniform.	**23-26	**18-20	Good bloom and vigor.
<i>Zinnia elegans</i> 'Uproar Rose'	Pk	**20-22	**20-26	Nice; bright color!	*24-26	*33-36	Good bloom but some stems falling over.
<i>Zinnia</i> hybrid 'Profusion Knee-High Red'	Ball	8-11	9-15	Small but bloom good.	**18-20	**26-28	Very vigorous and nice.
<i>Zinnia</i> hybrid 'Profusion Knee-High White'	Ball	*10-12	*8-16	One plant really small; bloom good.	**18-20	**28-30	Very vigorous and nice.
<i>Zinnia Marylandica</i> 'Zahara Coral Rose'	PAS	8-12	8-14	Most vigorous of the 'Zahara' zinnias; fairly good bloom.	**16-18	**18-20	Best of the 'Zahara' zinnias right now.
<i>Zinnia Marylandica</i> 'Zahara Scarlet'	PAS	6-11	4-9	Not uniform in size but fairly good bloom.	11-13	18-20	Good bloom but not uniform in vigor; one plant splitting apart.
<i>Zinnia Marylandica</i> 'Zahara White'	PAS	8-10	8-10	Better size uniformity but flowers not as showy as <i>Zinnia</i> 'Zahara Scarlet' or 'Zahara Yellow'.	9-16	8-25	One really small plant; others doing alright.
<i>Zinnia Marylandica</i> 'Zahara Yellow'	PAS	5-10	6-9	Doing alright but not uniform in size.	*11-13	*15-18	Lost two plants; nice, clear yellow color.

## 2008 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-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	Syn	1-2	2-3	No vigor or blooms; looks like it's being eaten by bunnies or gophers.	7-10	12-16	Not uniform in bloom.
<i>Ageratum houstonianum</i> 'Patina Blue'	Syn	3-5	3-7	Not uniform in bloom or vigor.	**6-7	**11-13	Very good bloom.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	3-8	3-10	Not uniform in size and no blooms; critters eating?	9-28	11-18	Good but looks heat stressed; one really small plant.
<i>Begonia benariensis</i> 'BIG Red Bronze Leaf'	Ben	*5-9	*5-9	Nice but not uniform in size.	*10-18	*10-17	Not uniform in height but good bloom.
<i>Begonia benariensis</i> 'BIG Red Green Leaf'	Ben	**5-9	**7-9	Nice with good bloom and vigor.	**11-14	**12-13	Good bloom, vigor and uniformity.
<i>Begonia benariensis</i> 'BIG Rose Bronze Leaf'	Ben	**8-10	**7-10	Nice with good bloom and vigor.	**14-17	**13-14	Nice!
<i>Bidens pelti</i> 'Mexican Gold'	Syn	**6-8	**13-14	Good bloom and vigor.	**9-12	**25-27	Nice show of yellow.
<i>Bracteantha bracteata</i> 'Strawburst Yellow'	Syn	**7-10	**8-11	Good bloom and vigor.	12-16	15-17	Outer petals are dark brown-why? Plants look healthy.
<i>Calibrachoa x hybrida</i> 'Callie Coral Pink'	Syn	2-3	7-9	Yellowing foliage; no vigor.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	Syn	2-4	6-8	Poor; foliage very yellow.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Gold with Red Eye'	Syn	2-4	6-8	Yellowing foliage; no vigor.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	Syn	2-3	8-10	Foliage is also yellowing but not as bad as on some others.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Orange 08'	Syn	2-4	6-8	Poor; foliage very yellow.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Painted Coral'	Syn	4-6	7-10	Most vigorous <i>Calibrachoa</i> but there is some yellowing foliage.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Peach'	Syn	2-4	6-8	Very poor with very yellow foliage.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Purple 07'	Syn	2-3	10-12	Best of the group; no yellowing foliage and bloom alright.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Rose'	Syn	2-3	6-8	Not as much yellowing on this foliage.	---	---	Poor; most dead or dying.
<i>Calibrachoa x hybrida</i> 'Callie Scarlet Red 08'	Syn	2-4	6-8	Very poor with very yellow foliage.	---	---	Poor; most dead or dying.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	3-7	3-7	Only 3 plants here; not uniform in size and few blooms.	**17-21	**17-20	Good vigor and show.

## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Capsicum annuum</i> (Ornamental Pepper) 'Calico'	PAS	**7-8	**7-8	Most vigor of the group; unique, variegated foliage.	*10-17	*15-20	Neat variegated foliage; not uniform in size but better than <i>Capsicum</i> 'Purple Flash'.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Purple Flash'	PAS	3-6	3-4	Uniform in size but no vigor and few blooms.	4-12	6-17	Interesting foliage; not uniform in size.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3	3-4	Poor with no vigor.	**9-11	**12-13	Good bloom, vigor and uniformity.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Pink Blush'	Syn	2-3	3-4	Poor with no vigor.	**9-11	**11-13	Good bloom and vigor.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Red'	Syn	3-4	3-4	Poor with no vigor.	9-11	11-17	Not uniform in size.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Violet'	Syn	3-4	4-5	Poor with no vigor.	**9-11	**13-14	Nice!
<i>Catharanthus roseus</i> (Vinca) 'Nirvana White'	Syn	1-2	1-2	Poor with no vigor.	7-9	11-13	Only 2 plants here; those are doing alright.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	3	3-4	Poor with no vigor.	9-13	12-15	Some Aster Yellows present.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Magenta Halo XP'	PAS	4-5	4-5	Best of the vinca but still not much vigor.	**9-11	**12-14	Nice!
<i>Catharanthus roseus</i> (Vinca) 'Pacifica White XP'	PAS	4-5	3-4	Poor with no vigor.	**7-9	**11-13	Nice!
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	3-4	4-5	Really small plants.	**10-15	**8-12	Very good bloom but not uniform in size.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	*6-7	*5-6	Small but good bloom and vigor.	***17-20	***12-14	Very, very nice!
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	4-6	4-5	Small plants.	*11-20	*9-16	Good bloom but not uniform in size.
<i>Coreopsis grandiflora</i> 'Corey Yellow'	Syn	**8-9	**7-10	Good bloom; very nice.	11-20	11-23	Not uniform in size but nice, bright color.
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	*7-8	*6-8	Not uniform in bloom but flowers are nice and vigor is good.	9-12	9-11	Lull in bloom right now.
<i>Diascia barberae</i> 'Darla Light Pink'	Syn	*7-8	*6-12	Good bloom but not uniform in spread.	9-14	18-20	Good vigor but lull in bloom.
<i>Diascia barberae</i> 'Darla Rose 08'	Syn	*7-8	*8-12	Good bloom but not uniform in spread.	10-14	18-20	Good vigor but lull in bloom.
<i>Diascia barberae</i> 'Diamonte Coral Rose'	AAS '06	4-8	4-11	Not uniform in size.	12-15	18-23	Good vigor but lull in bloom.
<i>Dorotheanthus bellidiformis</i> 'Mezoo Trailing Red'	Syn	1	6-12	Not uniform in size and no blooms.	1-5	6-28	Neat foliage but not uniform in size.
<i>Gaillardia aristata</i> 'Arizona Sun'	AAS '05	6-7	10-11	Good vigor and uniformity but not much bloom, yet.	*6-16	*6-22	One really small plant; others are nice with good bloom.
<i>Gaillardia aristata</i> 'Sunburst Burgundy Picotee'	Syn	**9-11	**12-13	Older blossoms a bit faded but otherwise good bloom and vigor.	**14-16	**18-22	Nice!



## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Gaillardia aristata</i> 'Sunburst Scarlet Halo'	Syn	**6-9	**9-10	Good vigor and bloom.	8-14	8-18	One with Aster Yellows, others are alright.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose'	AAS '04	1-3	4-6	Nice little plants but not too vigorous, yet.	3-4	4-5	Poor; dying.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Deep Red 08'	Syn	3-4	4-5	No vigor and few blooms.	3-5	7-9	Small but doing alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Lilac'	Syn	3-4	4-5	No vigor and few blooms.	3-5	6-8	Small but vigorous.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Mango'	Syn	3-4	4-5	No vigor and few blooms.	3-4	8-9	Small but vigorous.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Orange 08'	Syn	3-4	4-5	Not many blooms.	4-6	8-9	One of the better bloomers here.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Scarlet 09'	Syn	3-4	3-4	Good bloom on small plants.	3-5	6-8	Few blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Sweet Orange 09'	Syn	3-4	4-5	No vigor and few blooms.	3-5	6-8	Doing alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Lavender 08'	Syn	3-4	4-5	No vigor and few blooms.	4-6	7-9	Small but vigorous.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Lilac 09'	Syn	3-4	4-5	No vigor and few blooms.	4-5	6-9	Small-similar to others.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Magenta 08'	Syn	3-4	4-5	No vigor and few blooms.	5-6	7-10	A bit more vigorous than some others.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Pastel Pink'	Syn	3-4	4-5	No vigor and few blooms.	3-5	5-9	Doing alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Red 08'	Syn	3-4	4-5	No vigor and few blooms.	3-4	6-8	Small but vigor is alright.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Super Sonic Cherry Cream'	Syn	3-4	4-5	No vigor and few blooms.	3-5	7-9	Small but vigorous.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Cherry Red 09'	Syn	1-2	3-6	Poor; no blooms.	3-5	6-10	Only 2 plants and few blooms.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Orange Star'	Syn	1	2-3	Poor; no blooms.	1-2	3-5	Only two plants; small with few blooms.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Purple'	Syn	1-3	2-5	Best of the group but still poor.	2-4	6-8	Small with few blooms.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette Salmon 09'	Syn	2-3	3-4	No vigor and few blooms.	1-2	3-5	Poor; no blooms.
<i>Impatiens walleriana</i> (Double Impatiens) 'Silhouette White'	Syn	---	---	Gone.	---	---	Gone.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Sidekick Black Heart'	Syn	5-6	6-9	Not too vigorous, yet.	**15-17	**to 3'	Very vigorous and nice.
<i>Ipomoea batata</i> (Sweet Potato Vine) 'Sidekick Black Palmate'	Syn	5-6	6-10	Not too vigorous, yet.	**14-18	**28-30	Very vigorous and nice.

## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Juncus tenuis</i> 'Blue Dart'	PAS	**10-12	**7-9	Nice form and color; unique.	*10-16	*8-16	Not uniform in size but neat texture.
<i>Lantana camara</i> 'Bandana Cherry'	Syn	2-3	3-5	Small and not much bloom.	9-12	9-19	Not uniform in size but good vigor.
<i>Lantana camara</i> 'Bandana Pink 07'	Syn	2-3	3-5	Small and not much bloom.	5-9	8-11	Least vigorous of the <i>Lantana</i> .
<i>Lantana camara</i> 'Bandana Red'	Syn	2-3	3-5	Small and not much bloom.	7-9	9-12	Small but uniform.
<i>Lantana camara</i> 'Bandana Rose'	Syn	2-3	3-5	Small and not much bloom.	**11-14	**12-14	Best of the <i>Lantana</i> here with good vigor and bloom.
<i>Lobelia erinus</i> 'Techno Heat Dark Blue'	Syn	**7-8	**11-12	Good bloom, size uniformity and vigor.	9-11	11-20	Not uniform in vigor.
<i>Lobelia erinus</i> 'Techno Heat Electric Blue'	Syn	**6-7	**12-13	Good bloom, size uniformity and vigor.	*9-11	*13-17	Not too bad.
<i>Lobelia erinus</i> 'Techno Heat Upright Dark Blue'	Syn	**7-8	**9-10	Good bloom, size uniformity and vigor.	9-11	10-15	Not as vigorous as <i>Lobelia</i> 'Techno Heat Upright Light Blue'.
<i>Lobelia erinus</i> 'Techno Heat Upright Light Blue'	Syn	**7-8	**11-12	Most vigorous of the <i>Lobelia</i> with good bloom, size uniformity and vigor.	**12-14	**20-22	Best <i>Lobelia</i> here right now.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	*10-13	*8-12	Just starting to look good.	**19-22	**24-26	Good vigor and bloom.
<i>Osteospermum ecklonis</i> 'Asti White'	AAS '08	8-11	7-10	Not uniform in bloom or height; not blooming as good as some other <i>Osteospermum</i> .	12-16	28-30	Good vigor but bloom not great.
<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	Syn	**9	**10-11	Good bloom, uniformity and vigor.	**15-16	**30-33	Good bloom, vigor and uniformity.
<i>Osteospermum ecklonis</i> 'Tradewinds Pearl White'	Syn	**9-11	**10-12	Good bloom, uniformity and vigor.	**14-17	**18-21	Nice!
<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	Syn	***8	***11	Very nice!	**14-15	**28-30	Nice!
<i>Osteospermum ecklonis</i> 'Tradewinds Yellow Bicolor'	Syn	**10-12	**10-12	Nice!	12-15	20-24	Good vigor but bloom not great.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose'	Syn	**7-9	**9-11	Good bloom and bright color.	**11-13	**12-14	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cranberry Red'	Syn	*6-8	*8-10	Good bloom and fairly uniform in size.	9-13	11-14	Not as uniform or floriferous as <i>Pelargonium</i> 'Americana Trailing Dark Red' or 'Americana Cherry Rose'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink'	Syn	4-9	4-10	One really small plant; otherwise looks alright.	9-12	10-17	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	Syn	7-9	7-11	Not uniform in spread but bloom alright.	6-16	12-20	Not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	Syn	*6-7	*8-11	Similar to <i>Pelargonium</i> 'Americana White Splash'.	**10-13	**16-18	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Salmon 09'	Syn	**7-9	**7-9	Looks great with good bloom.	8-12	12-16	Good vigor.

## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Trailing Dark Red'	Syn	7-9	8-11	Not uniform in bloom; other geraniums much better.	**11-13	**20-22	Very good vigor and fairly uniform in size and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Violet'	Syn	**7-9	**8-10	Good vigor and bloom.	8-12	9-14	Not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana White 09'	Syn	6-8	7-9	Doing alright but others have more flowers and vigor.	5-10	9-13	One really small plant; otherwise they are doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana White Splash 09'	Syn	*6-7	*8-11	Pretty flowers.	7-10	13-15	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Red'	Syn	**7-10	**8-12	Good vigor and bloom.	*9-16	*13-20	Good vigor and bloom but not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Dark Red'	Syn	*7-9	*7-10	Good bloom.	*9-14	*10-19	Good bloom but not uniform in size.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	Syn	5-8	6-10	Not uniform in size but bloom alright.	9-13	10-13	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Rose Mega Splash'	Syn	*5-6	*7-9	Showy flowers and bloom good.	7-10	8-12	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Velvet Red'	Syn	5-8	7-9	Bloom not as uniform or good as <i>Pelargonium</i> 'Eclipse Rose Mega Splash'.	**12-14	**14-16	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Red'	Syn	7-9	5-10	Not uniform in size or bloom.	**11-12	**14-16	Nice!
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'	Syn	*8-10	*7-10	More bloom and vigor than <i>Pelargonium</i> 'Graffiti Double Red'.	**13-15	**18-20	A bit more vigorous than <i>Pelargonium</i> 'Graffiti Double Red'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Coral'	Syn	*6-8	*9-12	Vigor good; bloom good compared to some other geraniums.	9-13	13-18	Good vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	Syn	*7-8	*10-12	Good vigor.	**9-13	**12-15	Good vigor and better bloom than <i>Pelargonium</i> 'Rocky Mt. Coral'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	Syn	**6-8	**7-9	Uniform in size and good bloom.	10-12	12-15	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Magenta'	Syn	6-9	5-9	Not uniform in size but bloom alright.	9-11	11-13	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	Syn	5-9	7-10	Not uniform in size or bloom time.	**13-15	**18-20	Good vigor and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Violet'	Syn	6-9	5-9	Not uniform in size but bloom alright.	9-13	8-13	Doing alright but one really small plant.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	Syn	6-9	5-9	Not as uniform in size as <i>Pelargonium</i> 'Tango Magenta' or 'Tango White'.	9-13	10-12	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Magenta'	Syn	**6-8	**6-8	Good bloom on small plants; uniform in size and bloom.	8-10	8-10	Small but uniform in size and bloom.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red 09'	Syn	5-8	7-9	Not as uniform in bloom as <i>Pelargonium</i> 'Tango Magenta' or 'Tango White'.	**9-11	**10-12	Most vigorous and floriferous 'Tango' geranium here.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango White'	Syn	**5-7	**6-8	Good bloom on small plants; uniform in size and bloom.	7-10	9-12	Doing alright.

## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	Syn	*6-8	*9-12	Good vigor but bloom could be better.	**13-15	**28-30	Looks good.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	Syn	*7-9	*10-12	Good vigor but bloom could be better.	**13-15	**26-28	Good bloom, vigor and uniformity.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	Syn	*6-8	*9-12	Good vigor but bloom could be better.	**13-15	**26-28	Nice!
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	Syn	**5-6	**11-13	Good bloom and vigor-nice.	**9-11	**20-22	Nice!
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Beach'	Syn	6-8	10-12	Good vigor but bloom not as nice as some others.	**9-11	**22-24	Vigorous and floriferous.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	Syn	*6-7	*7-12	Not uniform in spread but bloom nice and pink flowers are showy.	**7-11	**22-24	Nice!
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Compact Burgundy'	Syn	6-7	5-14	Color unique but not showy; not uniform in spread.	9-11	18-20	Not as floriferous or vigorous as <i>Pelargonium</i> 'Blizzard Pink'.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Lambada Hot Pink'	Syn	*6-7	*7-9	Nice, bright color.	7-10	14-16	A bit crowded by <i>Pelargonium</i> 'Caliente Lavender'.
<i>Pentas lanceolata</i> 'Northern Lights Lavender'	Ben	6-8	5-6	Not much vigor or many blooms, yet.	*10-13	*11-18	Good vigor and bloom but not uniform in size.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Blue'	Syn	2-4	7-14	Not uniform in spread or bloom.	**7-9	**18-20	Good bloom and vigor.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Burgundy'	Syn	3-5	10-14	Not uniform in bloom.	***9-11	***to 36	Very, very nice and vigorous.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Lavender II'	Syn	*4-6	*12-14	One of the best petunias here.	**9-11	**to 20	Nice!
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	Syn	3-5	8-15	Not uniform in spread or bloom.	***9-11	***to 24	Very, very vigorous and nice.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	**5-6	**9-10	Good vigor and bloom.	**7-8	**10-12	Good bloom and vigor.
<i>Petunia hybrida</i> (Spreading) 'LoGro Yellow'	Gri	2-4	6-12	Doing alright.	**8-14	**18-20	Nice!
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	AAS '07	1-3	5-14	Not uniform in spread.	**9-10	**18-20	Nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	Syn	2-3	12-14	Doing better than <i>Petunia</i> 'Whispers Bright Pink'.	***9-10	***20-22	Good show of blue.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Bright Pink'	Syn	1	2	Poor.	1	2-3	Small with no vigor.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	Syn	2-3	5-14	Not uniform in spread or bloom.	***12-14	***20-22	Very nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'	Syn	2-3	3-9	Not uniform in spread or bloom.	2-5	5-18	No vigor compared to other two 'Whispers' petunias.
<i>Salvia farinacea</i> 'Evolution'	AAS '06	8-12	7-8	More vigor than <i>Salvia</i> 'Fahrenheit Violet' but not uniform in height or bloom.	**17-22	**20-24	Nice!

## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Salvia farinacea</i> 'Fahrenheit Violet'	Gri	3-7	3-7	Not uniform in size or bloom.	**16-22	**16-19	Looks good.
<i>Scaveola</i> 'Bombay Blue'	Syn	2-4	12-15	Not uniform in spread or vigor.	6-8	20-26	Looks good.
<i>Scaveola</i> 'Bombay Pink'	Syn	1-2	10-14	Not uniform in spread or vigor.	---	---	Poor; most dead or dying.
<i>Solenostemon scutellarioides</i> (Coleus) 'Dark Chocolate'	PAS	4	4	No vigor.	13-16	9-11	Only two plants here.
<i>Sutera cordata</i> (Bacopa) 'Calypso Jumbo White'	Syn	1	6-12	No vigor and few blooms; one plant yellowing.	2-3	6-14	Not uniform in vigor.
<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'	Gri	*9-13	*11-15	One plant not blooming; otherwise they look good.	13-18	18-25	Not uniform in size but good bloom.
<i>Verbena x hybrida</i> 'Escapade Bright Eye'	Syn	1-2	14-16	Good vigor but not much bloom, yet.	*7-8	*36-38	Most vigorous <i>Verbena</i> but bloom the worst.
<i>Verbena x hybrida</i> 'Escapade Pink'	Syn	1-2	10-13	Nice, bright color.	**4-6	**28-30	Nice!
<i>Verbena x hybrida</i> 'Lanai Blush White'	Syn	2-5	10-13	Good vigor but not much bloom, yet.	**4-5	**28-30	Good vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Bright Pink'	Syn	1-2	12-14	Not much bloom, yet.	**4-5	**26-28	A bit crowded by <i>Verbena</i> 'Lanai Lavender Star' and 'Lanai Blush White'; otherwise good bloom and vigor.
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	Syn	**5-7	**11-13	Good vigor and bloom.	**5-7	**28-30	Nice!
<i>Verbena x hybrida</i> 'Lanai Peach'	Syn	1	8-10	Not much bloom, yet.	**5-6	**28-30	Nice!
<i>Verbena x hybrida</i> 'Lanai Purple Star'	Syn	1	8-10	Not much bloom, yet.	*5-6	*20-23	Doing alright but not as vigorous as some others.
<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'	Syn	**3-4	**12-14	Good bloom and vigor.	*6-7	*28-30	Good vigor but lull in bloom.
<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	Syn	**5-8	**5-9	Nice, bright color; uniform in size and bloom.	**11-13	**18-20	Very nice!
<i>Verbena x hybrida</i> 'Lanai Upright Violet'	Syn	4-5	6-8	Small but ok.	**9-10	**15-18	Nice!
<i>Verbena x hybrida</i> 'Rapunzel Lilac'	Syn	1-2	8-10	Good bloom.	**3-4	**28-30	Good vigor and bloom.
<i>Verbena x hybrida</i> 'Rapunzel Violet'	Syn	1-2	8-12	Alright.	*3-5	*22-24	Lull in bloom but good vigor.
<i>Verbena rigida</i> 'Rigida Rose'	Gri	7-9	5-6	Not much bloom or vigor, yet.	**11-13	**22-24	Looks good.
<i>Viola</i> F1 'Skippy XL Plum-Gold'	AAS '08	1	2-3	Poor; being eaten by bunnies?	---	---	Died.
<i>Viola</i> F1 'Rain Blue and Purple'	AAS '09	1	2-3	Poor; being eaten by bunnies?	---	---	Died.

## Dickinson-2008

Genus species 'Cultivar'	Seed/Plant Source	July 9			September 4		
		Height	Spread	Comments	Height	Spread	Comments
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	7-8	7-8	Good vigor and size uniformity but just starting to bloom.	**11-13	**12-15	Looks good.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	*11-12	*8-9	Good vigor and size uniformity; just starting to bloom.	**18-22	**18-24	Nice!
<i>Zinnia Marylandica</i> 'Zahara Coral Rose'	PAS	7-8	6-9	Fairly uniform in size but just starting to bloom.	**14-16	**17-22	Size a little less uniform here than in other 'Zahara' zinnias.
<i>Zinnia Marylandica</i> 'Zahara Scarlet'	PAS	6-7	5-7	Good size uniformity; bloom alright.	**11-13	**17-18	Very nice!
<i>Zinnia Marylandica</i> 'Zahara White'	PAS	7-8	7-9	Not much bloom yet but vigor good.	**14-15	**18-20	Nice!
<i>Zinnia Marylandica</i> 'Zahara Yellow'	PAS	*6-8	*6-10	Nice, clear, yellow color; most bloom and vigor of the 'Zahara' zinnias.	**14-15	**20-22	Good vigor and bloom.

## 2008 Site Evaluations and Measurements-Williston, 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.

### Williston-2008

Genus species 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Achillea ptarmica</i> 'Gypsy White'	Syn	**9	**12-14	Good bloom and vigor.	8-10	16-20	Needs deadheading; past peak bloom but good vigor.
<i>Ageratum houstonianum</i> 'Patina Blue'	Syn	*5-7	*6-9	Good bloom on small plants.	6-8	9-14	Good bloom but not uniform in spread.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	9-10	12-14	No blooms but plants vigorous.	**30-33	**16-18	Good bloom and vigor.
<i>Begonia benariensis</i> 'BIG Red Bronze Leaf'	Ben	**4-9	**5-8	Only 2 with bronze leaves; bloom and vigor good.	**10-12	**11-13	See July comment.
<i>Begonia benariensis</i> 'BIG Red Green Leaf'	Ben	**6-7	**7-9	Looks nice!	**9-11	**11-13	Nice!
<i>Begonia benariensis</i> 'BIG Rose Bronze Leaf'	Ben	**7-8	**7-9	Good bloom and vigor.	**10-12	**12-14	Nice!
<i>Bidens pelti</i> 'Mexican Gold'	Syn	**6-7	**12-14	Good bloom.	**10-11	**12-18	Nice show of yellow.
<i>Bracteantha bracteata</i> 'Strawburst Yellow'	Syn	5-8	6-11	Not uniform in spread or bloom.	**13-15	**13-17	Nice!
<i>Calibrachoa x hybrida</i> 'Callie Coral Pink'	Syn	2-3	6-8	Doing alright.	2-3	8-10	Doing alright.
<i>Calibrachoa x hybrida</i> 'Callie Deep Yellow'	Syn	2-3	6-8	Doing alright.	3-4	16-18	Brightest of the <i>Calibrachoa</i> right now.
<i>Calibrachoa x hybrida</i> 'Callie Gold with Red Eye'	Syn	2-3	8-11	Looks good.	3-4	15-18	Good vigor.
<i>Calibrachoa x hybrida</i> 'Callie Light Blue'	Syn	2-3	8-10	Alright.	3-4	9-12	Doing alright.
<i>Calibrachoa x hybrida</i> 'Callie Orange 08'	Syn	2-3	8-12	Not uniform in spread.	3-4	15-18	Doing alright.
<i>Calibrachoa x hybrida</i> 'Callie Painted Coral'	Syn	**3-4	**11-12	Good size uniformity and bloom.	6-8	18-20	Looks good.
<i>Calibrachoa x hybrida</i> 'Callie Peach'	Syn	2-3	8-12	Not uniform in spread.	2-3	16-18	Doing alright.
<i>Calibrachoa x hybrida</i> 'Callie Purple 07'	Syn	2-3	6-10	One of the smallest <i>Calibrachoa</i> here.	2-3	20-22	Looks good.
<i>Calibrachoa x hybrida</i> 'Callie Rose'	Syn	2-3	8-12	Good bloom.	3-4	14-24	Bright color but not uniform in spread.
<i>Calibrachoa x hybrida</i> 'Callie Scarlet Red 08'	Syn	2-3	6-12	Not uniform in size-one really small plant; good bloom.	6-7	15-18	Good vigor.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	5-7	4-6	Not much vigor, yet.	**13-15	**12-14	Nice show!

## Williston-2008

Genus species 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Capsicum annuum</i> (Ornamental Pepper) 'Calico'	PAS	*5-6	*4-5	Good size uniformity but vigor could be better.	**5-8	**9-12	Vigorous and variegated foliage is neat.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Purple Flash'	PAS	2-5	2-5	Not much vigor, yet.	4-9	5-13	Not uniform in size.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	3	3	Only 2 small plants here.	8-9	10-12	Only two plants there; they are doing alright.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Pink Blush'	Syn	3-4	3-5	Only 3 plants here.	9-11	12-14	Only 3 plants here; look alright.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Red'	Syn	3-5	2-5	Doing alright.	*7-11	*8-12	Bloom good but not uniform in height.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana Violet'	Syn	3-5	3-6	Bloom alright; only 4 plants.	**9-10	**12-13	Good bloom and vigor.
<i>Catharanthus roseus</i> (Vinca) 'Nirvana White'	Syn	3-5	3-5	Bloom alright.	*8-10	*10-14	Not as uniform in size as other vinca.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Burgundy Halo'	AAS '07	4-5	2-4	Not uniform in bloom and small plants.	**9-11	**12-14	Good bloom and vigor.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica Magenta Halo XP'	PAS	4-5	3-5	Doing alright.	**10-11	**13-14	Good bloom and vigor.
<i>Catharanthus roseus</i> (Vinca) 'Pacifica White XP'	PAS	2-4	2-4	Small plants.	5-8	9-12	Not as vigorous or floriferous as <i>Catharanthus</i> 'Pacifica Magenta Halo XP'.
<i>Celosia plumosa</i> 'Fresh Look Gold'	AAS '07	5-6	3-4	Not too vigorous, yet.	**11-14	**10-12	Good vigor and bloom.
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	6-7	4-5	Not too vigorous, yet.	**14-16	**12-14	Nice!
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	6-7	3-4	Not too vigorous, yet.	*11-15	*9-13	Not uniform in size and blooms a bit 'dirty' looking.
<i>Coreopsis grandiflora</i> 'Corey Yellow'	Syn	***12-14	***10-12	Very, very nice.	***15-17	***16-22	Great!
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	6-8	5-9	Not uniform in bloom.	8-12	7-9	Vigor good but needs deadheading.
<i>Diascia barberae</i> 'Darla Light Pink'	Syn	**8-10	**10-12	Really good bloom.	**12-14	**26-28	Nice!
<i>Diascia barberae</i> 'Darla Rose 08'	Syn	**10-11	**10-12	Nice!	**13-15	**28-36	Nice!
<i>Diascia barberae</i> 'Diamonte Coral Rose'	AAS '06	**8-9	**10-12	Good bloom and vigor.	**13-15	**24-27	Good bloom and vigor.
<i>Dorotheanthus bellidiformis</i> 'Mezoo Trailing Red'	Syn	1	12-15	Not too full and few flowers.	**2-3	**18-20	Good vigor but not many blooms.
<i>Gaillardia aristata</i> 'Sunburst Burgundy Picotee'	Syn	**10-11	**8-10	Good bloom and vigor.	**11-13	**13-15	Good bloom and vigor.
<i>Gaillardia aristata</i> 'Sunburst Scarlet Halo'	Syn	*8-9	*6-9	Not as vigorous as <i>Gaillardia</i> 'Sunburst Burgundy Picotee'.	10-12	11-13	Some plants falling over.



## Williston-2008

<i>Genus species</i> 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Lantana camara</i> 'Bandana Cherry'	Syn	2-3	3-4	Not too vigorous, yet.	6-7	9-11	Doing alright.
<i>Lantana camara</i> 'Bandana Pink 07'	Syn	2-3	3-4	Not too vigorous, yet.	5-7	8-10	Doing alright.
<i>Lantana camara</i> 'Bandana Red'	Syn	3-5	3-5	Not too vigorous, yet.	7-8	9-11	Doing alright.
<i>Lantana camara</i> 'Bandana Rose'	Syn	4-5	4-6	Not too vigorous, yet.	**11-12	**13-15	Nicest of the <i>Lantana</i> ; good vigor and bloom.
<i>Lobelia erinus</i> 'Techno Heat Dark Blue'	Syn	**6-7	**10-12	Great bloom!	9-12	11-15	Doing alright.
<i>Lobelia erinus</i> 'Techno Heat Electric Blue'	Syn	**6-7	**10-12	Great bloom!	8-12	14-16	Decline in bloom.
<i>Lobelia erinus</i> 'Techno Heat Upright Dark Blue'	Syn	**7	**8-10	Nice!	9-12	11-14	Decline in bloom.
<i>Lobelia erinus</i> 'Techno Heat Upright Light Blue'	Syn	***7	***10-11	Nicest <i>Lobelia</i> .	**11-13	**18-22	Best of the <i>Lobelia</i> right now.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple'	AAS '06	7-11	5-8	Not uniform in size or bloom.	*13-18	*12-18	Not uniform in size but good bloom.
<i>Osteospermum ecklonis</i> 'Asti White'	AAS '08	10-12	6-8	Not as floriferous as some other <i>Osteospermum</i> .	12-16	15-20	Not uniform in bloom.
<i>Osteospermum ecklonis</i> 'Tradewinds Deep Purple'	Syn	*8-9	*8-10	Nice but bloom not uniform.	**12-13	**17-20	Good vigor; fairly uniform in bloom.
<i>Osteospermum ecklonis</i> 'Tradewinds Pearl White'	Syn	**9	**8-10	Good uniformity in size and bloom.	11-13	15-18	Not as floriferous as <i>Osteospermum</i> 'Tradewinds Deep Purple' or 'Tradewinds Purple Bicolor'.
<i>Osteospermum ecklonis</i> 'Tradewinds Purple Bicolor'	Syn	**8	**8-10	Good bloom.	**10-11	**16-18	Good vigor and fairly uniform in bloom.
<i>Osteospermum ecklonis</i> 'Tradewinds Yellow Bicolor'	Syn	*6-8	*10-12	Not as uniform in size or bloom as other <i>Osteospermum</i> but still nice.	11-13	15-17	Least bloom of all the <i>Osteospermum</i> .
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cherry Rose'	Syn	**7-9	**8-12	Nice!	9-11	10-15	Not quite as floriferous as earlier.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Cranberry Red'	Syn	*7-9	*7-11	Bloom not quite as uniform as others.	10-12	14-16	Nice, deep red.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Pink'	Syn	*8-10	*8-11	Similar to other 'Americana' geraniums.	10-14	10-15	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Red'	Syn	7-9	6-12	Not uniform in size.	11-13	14-15	Not as floriferous as some other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Rose Mega Splash'	Syn	**6-8	**8-10	A bit short but good size uniformity and bloom.	**11-13	**12-15	Nice and bright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Salmon 09'	Syn	*8-9	*9-12	Not as many blooms as some others.	11-13	13-15	Not as floriferous as some other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Trailing Dark Red'	Syn	*8-9	*9-12	Not as floriferous as some other geraniums.	10-12	18-20	Not as floriferous as some other geraniums.

## Williston-2008

Genus species 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana Violet'	Syn	**8-9	**9-11	Nice, bright color.	11-14	14-16	Alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana White 09'	Syn	7-10	8-12	Not as uniform in size or as showy as some other geraniums.	*12-14	*20-22	More vigor than others but browning on petals detracts.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Americana White Splash 09'	Syn	**6-8	**8-12	Looks good.	9-11	10-12	Bright!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Avenida Mosaic Red'	Syn	**7-9	**8-12	Good vigor and big blooms.	**13-15	**15-17	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Dark Red'	Syn	*6-7	*6-9	Similar to <i>Pelargonium</i> 'Eclipse Velvet Red'.	7-9	9-11	Not as vigorous as other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Light Salmon II'	Syn	**7-8	**8-11	Good bloom and vigor.	**13-15	**14-16	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Rose Mega Splash'	Syn	*5-6	*6-8	Small plants but good bloom.	6-8	9-11	Not as floriferous as other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Eclipse Velvet Red'	Syn	*7-8	*6-10	Smaller plants but bloom held high above foliage.	**12-14	**14-16	Looks great!
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Red'	Syn	**7-8	**8-11	Nice!	11-12	13-15	Not as full or floriferous as <i>Pelargonium</i> 'Graffiti Double Salmon'.
<i>Pelargonium x hortorum</i> (Geranium-Exotic) 'Graffiti Double Salmon'	Syn	**8-9	**11-13	Good vigor and bloom.	**12-13	**15-17	Neat flowers.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Coral'	Syn	**7-9	**9-12	Nice!	10-13	14-17	Looks good.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Dark Red'	Syn	**7-9	**8-12	Good bloom and vigor.	9-11	14-16	Not as floriferous as <i>Pelargonium</i> 'Rocky Mountain Deep Rose' or 'Rocky Mountain Salmon 08'.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Deep Rose 09'	Syn	**7-8	**7-9	Good bloom and vigor.	**13-15	**15-17	Good bloom and vigor.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Magenta'	Syn	**7-8	**7-9	Really big blooms on some plants.	9-11	12-14	Not as floriferous as some other geraniums.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Salmon 08'	Syn	*7-9	*9-11	Bloom not quite as good as on some others.	**14-16	**22-24	Bright!
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Rocky Mountain Violet'	Syn	**7-9	**10-12	Looks good.	11-14	17-19	Doing alright.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Coral'	Syn	*7-9	*8-12	Most vigorous 'Tango' geranium.	9-15	13-15	Not uniform in size or bloom time.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Magenta'	Syn	6-7	7-9	Big blooms on smaller plants.	6-7	8-9	Small plants.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango Red 09'	Syn	6-7	6-11	Not uniform in size.	7-11	7-12	Small plants.
<i>Pelargonium x hortorum</i> (Geranium-Zonal) 'Tango White'	Syn	6-7	7-11	Similar to the other 'Tango' geraniums.	7-10	5-10	Small plants.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Coral'	Syn	*6-7	*11-13	Doing alright.	***11-12	***20-24	Nicest 'Caliente' geranium.

## Williston-2008

Genus species 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Lavender'	Syn	*6-8	*9-12	Looks good.	**12-13	**15-20	Very good bloom and vigor.
<i>Pelargonium</i> interspecific (Geranium-Hybrid) 'Caliente Rose'	Syn	6-8	8-12	Not uniform in spread.	**9-11	**17-20	Very good bloom and vigor.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Acapulco Compact Cascade'	Syn	**6-8	**11-13	Good bloom and vigor.	**7-8	**18-20	Nice!
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Beach'	Syn	6-9	8-13	Not uniform in size.	**9-13	**17-20	Nice!
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Blizzard Pink'	Syn	*7-10	*8-12	Nice show of pink but not uniform in spread.	**7-9	**16-18	Good bloom and vigor.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Compact Burgundy'	Syn	6-8	11-13	Not uniform in bloom but good vigor.	7-10	14-16	Not as showy or full as <i>Pelargonium</i> 'Beach'.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Lambada Hot Pink'	Syn	6-7	8-9	Only 4 plants; not too vigorous, yet.	7-8	10-12	Plants small.
<i>Pentas lanceolata</i> 'Northern Lights Lavender'	Ben	5-7	3-6	Small but uniform and good bloom.	9-11	9-11	Small but bloom is good.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Blue'	Syn	**4-5	**14-16	Good bloom and vigor.	**8-10	**30-36	Good bloom and vigor.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Burgundy'	Syn	**4-5	**12-16	Looks nice!	***10-11	***to 42	Nice!
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Lavender II'	Syn	**4-5	**12-14	Good bloom and vigor.	**8-9	**to 36	Good bloom and vigor.
<i>Petunia hybrida</i> (Large-flowered Trailing) 'Jamboree Light Blue'	Syn	**5-7	**14-16	A bit more vigorous than the other 'Jamboree' petunias.	***10-11	***to 36	Nice!
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	**6-7	**11-12	Nice!	**6-8	**18-20	Nice but being crowded by <i>Petunia</i> 'Opera Supreme Pink Morn'.
<i>Petunia hybrida</i> (Spreading) 'LoGro Yellow'	Gri	**5-6	**12-14	Nice!	**10-13	**20-30	Good bloom and vigor.
<i>Petunia hybrida</i> (Spreading) 'Opera Supreme Pink Morn'	AAS '07	**3-4	**14-16	Good bloom and vigor.	***8-10	***to 42	Nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Blue'	Syn	**4-5	**12-14	Nice!	**9-10	**to 36	Good bloom and vigor.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Bright Pink'	Syn	**4-5	**10-11	Good bloom and vigor.	5	8	Very crowded by <i>Petunia</i> 'Whispers Rose Vein'.
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers Rose Vein'	Syn	**4-5	**14-16	Looks nice!	***9-10	***33-36	Nice!
<i>Petunia hybrida</i> (Mini-flowered Trailing) 'Whispers White'	Syn	**4-5	**11-12	Very uniform in spread.	**7-9	**18-22	Nice but being crowded by <i>Petunia</i> 'Whispers Rose Vein'.
<i>Salvia farinacea</i> 'Evolution'	AAS '06	4-8	6-10	Not uniform in size.	**17-20	**14-19	Good bloom and vigor.
<i>Salvia farinacea</i> 'Fahrenheit Violet'	Gri	6-12	6-8	Not uniform in size.	**15-18	**14-18	Nice!

## Williston-2008

<i>Genus species</i> 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Scaveola</i> 'Bombay Blue'	Syn	2-3	8-12	Not too vigorous, yet.	5-7	13-15	Good bloom; nicer here than in Dickinson.
<i>Scaveola</i> 'Bombay Pink'	Syn	2-3	8-12	Not too vigorous, yet.	6-8	14-16	Good bloom; nicer here than in Dickinson.
<i>Sutera cordata</i> (Bacopa) 'Calypso Jumbo White'	Syn	1	7-12	Not uniform in size or bloom.	1-2	12-14	Not too vigorous but better than Fargo or Dickinson.
<i>Tagetes patula x erecta</i> (Hybrid Marigold) 'Daisy Orange-Red'	Gri	**8-9	**12-14	Good vigor and bloom.	*12-14	*16-18	Good bloom but dead heads detract.
<i>Verbena x hybrida</i> 'Escapade Bright Eye'	Syn	**3-5	**12-14	Good vigor and bloom.	5-7	33-36	Vigorous but not a lot of flowers.
<i>Verbena x hybrida</i> 'Escapade Pink'	Syn	**2-3	**12-14	Good vigor and bloom.	*5-7	*22-24	Nice but a bit crowded by <i>Verbena</i> 'Escapade Bright Eye'.
<i>Verbena x hybrida</i> 'Lanai Blush White'	Syn	*3-4	*12-14	Alright.	**7-8	**28-30	Good vigor and bloom.
<i>Verbena x hybrida</i> 'Lanai Bright Pink'	Syn	**1-2	**12-14	Looks good.	*4-5	*28-30	Bright but not as floriferous as <i>Verbena</i> 'Lanai Lavender Star'.
<i>Verbena x hybrida</i> 'Lanai Lavender Star'	Syn	**4-5	**12-14	Nice!	**7-8	**28-30	Nice!
<i>Verbena x hybrida</i> 'Lanai Peach'	Syn	1-2	12-14	Not as much bloom as other <i>Verbena</i> .	4-8	24-28	Not as floriferous as <i>Verbena</i> 'Lanai Blush White'.
<i>Verbena x hybrida</i> 'Lanai Purple Star'	Syn	1-2	6-10	Not as vigorous as other <i>Verbena</i> .	4-5	22-24	Not as vigorous as other <i>Verbena</i> .
<i>Verbena x hybrida</i> 'Lanai Royal Purple with Eye'	Syn	*2-3	*12-14	Bloom not as good as on some other <i>Verbena</i> .	*7-8	*33-36	Good vigor but not as floriferous as other <i>Verbena</i> .
<i>Verbena x hybrida</i> 'Lanai Upright Magenta'	Syn	*3-7	*4-8	Nice, bright color but not uniform in size.	**9-11	**15-18	Bright!
<i>Verbena x hybrida</i> 'Lanai Upright Violet'	Syn	*4-6	*6-10	Nice, bright color but not uniform in size.	**10-11	**15-18	Nice!
<i>Verbena x hybrida</i> 'Rapunzel Lilac'	Syn	**2-3	**10-12	Good bloom.	*5-6	*24-36	Nice but not as floriferous as some other <i>Verbena</i> .
<i>Verbena x hybrida</i> 'Rapunzel Violet'	Syn	**2-3	**12-14	Good bloom and vigor.	*6-7	*20-22	Nice but not as floriferous as some other <i>Verbena</i> .
<i>Verbena rigida</i> 'Rigida Rose'	Gri	6-11	6-8	Not much bloom yet.	11-13	18-20	Doing alright.
<i>Viola</i> F1 'Skippy XL Plum-Gold'	AAS '08	**4-6	**6-8	Good bloom and vigor.	4-8	9-11	Looks alright but some spider mite damage.
<i>Viola</i> F1 'Skippy XL Red-Gold'	AAS '06	**4-6	**6-8	Good bloom and vigor.	6-8	10-12	Looks alright but some spider mite damage.
<i>Viola</i> F1 'Rain Blue and Purple'	AAS '09	**4-6	**6-8	Good bloom and vigor.	4-8	9-12	Looks alright but some spider mite damage.
<i>Zinnia elegans</i> 'Magellan Coral'	AAS '05	7-8	6-7	Doing alright.	***9-13	***11-15	Very good bloom and vigor.

## Williston-2008

<i>Genus species</i> 'Cultivar'	Seed/Plant Source	July 10			September 3		
		Height	Spread	Comments	Height	Spread	Comments
<i>Zinnia elegans</i> 'Zowie! Yellow Flame'	AAS '06	6-10	6-8	Not uniform in height and just starting to bloom.	***16-24	***17-23	Very good bloom and vigor.
<i>Zinnia Marylandica</i> 'Zahara Coral Rose'	PAS	5-9	6-9	Good vigor.	**9-13	**14-17	Nice!
<i>Zinnia Marylandica</i> 'Zahara Scarlet'	PAS	6-8	5-9	Doing alright.	**9-11	**13-16	Good bloom and vigor.
<i>Zinnia Marylandica</i> 'Zahara White'	PAS	7-9	6-8	Good size uniformity.	**10-12	**14-16	Brown spots and brown heads detract a bit from appearance.
<i>Zinnia Marylandica</i> 'Zahara Yellow'	PAS	7-9	6-8	Doing alright.	**7-12	**12-17	One smaller plant; otherwise looks nice.

### Seed Source List - 2008

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-americanselections.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	PAS (W)	PanAmerican Seed 622 Town Road West Chicago, IL 60185-2698 www.panamseed.com	Syn (W)	Syngenta Flowers 6899 Winchester Circle, Suite 102 Boulder, CO 80301
Ben (W)	Ernst Benary of America, Inc. 1444 Larson Street Sycamore, IL 60178 www.benary.com	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
				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.