

2005 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 2005 growing season. The main research garden is located in Fargo, on the corner of 18th street and 12th avenue north. Two other sites are located at the Research Extension Centers in Dickinson and Williston, ND. Official entries (usually 150-200) are grown at all three sites while an additional 150-200 cultivars are also grown at the Fargo site.

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

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

Culture

The majority of the plants for the bedding plant trials are seeded in the horticulture and forestry greenhouse on the NDSU campus from January through April. When at the proper stage, seedlings are

transplanted into cell packs containing a peat-based growing medium. Exceptions to this were 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 and mixed cultivars, and 8 of the unofficial cultivars planted. Dickinson was planted on May 24th, Williston on May 25th, and Fargo was planted June 1 through June 15. The new annual beds in Fargo were still under construction during planting time which delayed getting the plants in by about a week.

In Dickinson and Williston plants were watered in with Sterns Miracle-Gro® (15-30-15)¹ while Preen® (9-17-9) was put down at the Fargo site.

The Dickinson site has overhead irrigation set up on a timer, Williston has drip irrigation applied as needed while the Fargo site had drip tape installed but did not need to use it over the course of the summer.

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

No insecticides were used at any of the locations.

¹ 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 18th street and 12th avenue north on the west side of campus. The beds were relocated this year to a spot just south of the original site. Many of the annual beds are now raised with a nice loam-compost mix of soil. Drip irrigation using t-tape was built into the beds but was not needed due to timely rainfall.

We finished planting the annuals in Fargo about a week late this year as the beds were still being constructed. The beds are in full sunlight and the shade area is not yet completed so we continued to use shade cloth for begonias, impatiens, coleus and other shade plants.

Rabbits were not as much of a problem this year as they have been in the old area. Hopefully, that will continue to be the case. Plant growth was exceptional, especially with the impatiens, coleus, and pentas. They seemed to prefer the new, light, soil mix over the heavy clay in the old beds.

As seen in table 1, June and August were wet in Fargo while July was drier than normal. The humidity was higher as well which led to powdery mildew on the pansies, rudbeckia, and zinnias. Table 1 shows weather data for Fargo.

Table 1. 2005 and 1971-2000 June-August Average Temperature and Precipitation for Fargo, ND. ²

	Average Temperature (°F)		Precipitation (inches)	
	2005	1971-2000	2005	Avg. 1971-2000
June	68.7	66	7.40	3.5
July	71.8	70.6	1.60	2.88
August	68	69	7.38	2.52

² Temperature and precipitation data are from NDAWN and the National Climatic Data Center.

Dickinson

The Dickinson Trial garden is located at the Research Extension Center on the west side of State Street. The soil here is lighter and sandier than in Fargo and the weather tends to be drier, although May and June were quite wet as seen in table 2. Shade plants are grown in raised beds under natural shade provided by trees.

The *Osteospermum* did better in Dickinson this summer, especially for the first evaluation. The *Argyranthemum* was also a top performer in July but declined in bloom for the August evaluation. The second evaluation saw many top performers including most petunias, verbena, *Diascia* and the 'Fresh Look' celosia series.

Weather in Dickinson was very wet early, with over 11 inches of rain falling in the months of May and June. July was very dry with less than an inch of moisture while August was closer to normal but still below average. Table 2 shows weather data for Dickinson.

Table 2. 2005 and 1971-2000 May-August Average Temperature and Precipitation for Dickinson, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2005	1971-2000	2005	Avg. 1971-2000
May	51	53.4	4.76	2.24
June	64.3	62.4	6.88	3.57
July	70.7	68.1	.73	2.20
August	66.8	67.3	1.06	1.65

Williston

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

As usual, geraniums performed the best here out of all three sites. The petunia and verbena also performed well, with especially good ratings for the second (August) evaluation.

As with the rest of the state, May and June were above average with moisture while July and August were much drier. Table 3 shows weather data for Williston.

Table 3. 2005 and 1971-2000 May-August Average Temperature and Precipitation for Williston, ND.

	Average Temperature (°F)		Precipitation (inches)	
	2005	1971-2000	2005	Avg. 1971-2000
May	52.3	57.1	2.71	2.09
June	64.8	65.7	4.47	2.72
July	71.2	71.1	1.50	2.45
August	68.0	70.2	.20	1.63

All-America Selections

The NDSU trial gardens are 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 2005.

2001 Winners:

Eustoma ‘Forever Blue’
Nicotiana ‘Avalon Bright Pink’
Portulaca ‘Margarita Rosita’
 Sunflower ‘Ring of Fire’
Zinnia ‘Profusion White’

2002 Winners:

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

2003 Winners:

Agastache ‘Golden Jubilee’
 Carnation ‘Can Can Scarlet’
Dianthus ‘Corona Cherry Magic’
Eustoma ‘Forever White’
Gaillardia ‘Sundance Bicolor’
 Ornamental Millet ‘Purple Majesty’
Petunia ‘Blue Wave’
Petunia ‘Merlin Blue Morn’
Rudbeckia ‘Prairie Sun’
 Vinca ‘Jaio Dark Red’

2004 Winners:

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

2005 Winners:

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

2006 Winners:

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

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 26th and 27th while the second was September 8th and 9th. The Dickinson evaluations were July 13

and August 30th. Williston plants were evaluated July 14th and August 31st.

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 12-43). 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 (a *, **, or *** for **either** evaluation time) and star performers (a *, ** or *** for **both** evaluation times) for each location are on pages 6-11 of the report. The following cultivars got top ratings at each location for each evaluation time:

Nicotiana 'Avalon Bright Pink'
Nicotiana 'Perfume Deep Purple'
Petunia 'Tidal Wave Silver'
Petunia 'Whispers Blue Rose'
Petunia 'Jamboree Hot Pink'
Petunia 'Jamboree Light Blue'
Petunia 'Jamboree White'
Verbena 'Lanai Cherry Red'
Verbena 'Lanai Deep Purple'
Verbena 'Lanai Lavender Star'

Field Days

Field Days in Dickinson and Williston were held July 13th and July 14th, respectively, in conjunction with field days at the stations. Field days in Fargo have been put on hold until more of the new beds are done. Hopefully, we will be able to continue with Fargo field days starting in 2006.

Acknowledgements

Thanks go to supporters of the 2005 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 Lorna Bradbury and the staff at the Williston Research Extension Center. The bedding plant trial evaluation program would not be possible without the help of these talented and dedicated people.

Contacts

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2005 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

	Seed/Plant Source	July 13			August 30		
		Height	Spread	Comments	Height	Spread	Comments
<i>Agastache foeniculum</i> 'Golden Jubilee'	AAS '03	4-12	4-8	Not as vigorous as it should be and not much bloom.	**20-24	**12-18	Good bloom and nice show but could be a bit more uniform in size; lots of bees on it.
<i>Ageratum houstonianum</i> 'High Tide Blue'	PAS	**10-14	**12-16	Looks good.	12-17	15-20	Not uniform in size or bloom; dead blooms detract.
<i>Alcea rosea</i> (Hollyhock) 'Queeny Purple'	AAS '04	14-18	16-18	Flowers hiding under foliage; one dead plant otherwise good vigor.	**28-30	**17-20	Only 3 of 6 plants left but these are very nice-lots of flowers.
<i>Antirrhinum majus</i> (Snapdragon) 'Snapshot Mix'	Ball	*6-12	*5-10	Good bloom and vigor but not uniform in size right now.	*8-10	*12-14	Good vigor and size uniformity but plants not blooming uniformly.
<i>Argyranthemum</i> (Marguerite Daisy) 'Sassy White'	FG	***12-14	***20	Beautiful!	11-13	19-24	Good vigor but it looks like some aster yellows present; not nearly as floriferous as in July.
<i>Begonia semperflorens</i> 'Lotto Appleblossom'	Ben	2-5	2-4	Small, no vigor, not much bloom.	4-6	4-6	Poor with no vigor.
<i>Browallia speciosa major</i> 'Garden Leader Wine'	Gri	4-6	3-6	One dead plant-others ok but not much vigor.	6-8	6-8	Poor and no vigor.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Black Pearl'	AAS '06	3-10	3-12	Poor; size uniformity lacking and not many blooms.	18-24	7-12	Not uniform in vigor, unique purple foliage but only a few small dark purple peppers.
<i>Capsicum annuum</i> (Ornamental Pepper) 'Chilly Chili'	AAS '02	4-8	4-10	Not uniform in size and not many flowers or peppers yet.	*6-9	*6-10	Lots of peppers turning from yellow to red; nice but not uniform in size.
<i>Catharanthus roseus</i> (Vinca) 'First Kiss Blueberry'	AAS '05	6-8	5-6	Fairly uniform in size but not much bloom.	**10-12	**12-14	Very nice with good vigor and bloom.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Dark Red'	AAS '03	7-9	3-7	Not much bloom; one really small plant.	**10-15	**14-16	Good bloom and uniformity.
<i>Catharanthus roseus</i> (Vinca) 'Jaio Scarlet Eye'	AAS '02	6-9	6-8	Best of the three vinca; bloom nice and bright flowers.	**11-13	**14-15	Nice with good bloom and size uniformity.
<i>Celosia plumosa</i> 'Fresh Look Orange'	Ben	*7-10	*6-8	Vigor and bloom good but lacking size uniformity.	***14-16	***15-18	Beautiful!
<i>Celosia plumosa</i> 'Fresh Look Red'	AAS '04	*8-12	*8-12	Vigor a bit better than 'Fresh Look Orange'; size uniformity could be a bit better.	***19-22	***18-20	Very, very showy and nice right now.
<i>Celosia plumosa</i> 'Fresh Look Yellow'	AAS '04	*9-12	*8-12	Most vigorous of the three 'Fresh Look' celosia but bloom uniformity could be better.	***18-20	***18-20	Very nice and showy.
<i>Coleus x blumei</i> 'Wizard Mosaic'	PAS	0	0	Gone	0	0	Gone
<i>Dahlia x hybridus</i> 'Caruso Purple'	Gri	10-16	10-12	Not much bloom; good vigor but not uniform in size.	24-27	20-24	Ok but past peak bloom?
<i>Dianthus</i> F1 'Supra Purple'	AAS '06	8-12	8-10	Not uniform in bloom or size but flowers pretty.	**11-13	**10-12	Neat fringed flowers; a bit past peak bloom right now.
<i>Dianthus barbatus</i> 'Dynasty Orchid'	Ball	**13-16	**10-12	Good bloom and fairly uniform in size.	**12-16	**12-16	Good show of bloom.
<i>Dianthus barbatus x chinensis</i> 'Award Salmon'	Gri	**10-12	**6-10	Good bloom and size uniformity.	**12-14	**12-14	Very good show.

Dickinson

Seed/Plant Source	July 13			August 30		
	Height	Spread	Comments	Height	Spread	Comments
<i>Dianthus caryophyllus</i> 'Can Can Scarlet' AAS '03	12-15	5-7	Lots of buds but just starting to bloom.	*15-18	*14-16	One plant dying but others healthy with lots of buds and blooms.
<i>Dianthus chinensis</i> 'Corona Cherry Magic' AAS '03	4-6	4-7	Not uniform in bloom or size but plants are healthy.	7-9	6-10	Way past peak bloom and not uniform in size.
<i>Diascia</i> 'Darla Deep Salmon' FG	6-8	9-11	One of the smaller groups of <i>Diascia</i> but bloom a bit better than others.	**10-12	**13-15	Very nice and showy.
<i>Diascia</i> 'Darla Light Pink' FG	***9-10	***13-14	Best of the <i>Diascia</i> right now-healthy, uniform and lots of light pink flowers.	**15-18	**22-24	Most floriferous one here right now.
<i>Diascia</i> 'Darla Pink' FG	7-9	11-14	Lull in bloom right now but good vigor and fairly uniform.	*10-12	*18-20	Doing alright but not as floriferous or showy as some other <i>Diascia</i> here.
<i>Diascia</i> 'Darla Red' FG	6-8	8-12	One of the smaller groups of <i>Diascia</i> but healthy and bloom alright.	12-14	12-15	Not much bloom.
<i>Diascia</i> 'Darla Rose' FG	9-10	11-14	Similar to 'Darla Red'; not uniform in size but bloom is alright.	13-15	20-24	Healthy but not much bloom.
<i>Diascia</i> 'Darla White' FG	8-12	10-12	Fairly uniform in size; bloom alright but not great.	**18-20	**22-24	Good bloom, uniformity and vigor right now.
<i>Diascia integerimma</i> 'Diamonte Coral Rose' AAS '06	8-11	9-14	Good vigor but not uniform in size; bloom alright.	13-16	20-22	Past peak bloom.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Forever Blue' AAS '01	*6-8	*5-7	Better bloom and uniformity than 'Forever White'.	10-12	10-12	Looks good but being overrun by <i>Gaillardia</i> 'Sundance Bicolor'.
<i>Eustoma grandiflorum</i> (Lisianthus) 'Forever White' AAS '03	5-9	4-8	Not uniform in size or bloom.	6-8	4-8	Not as vigorous or floriferous as 'Forever Blue'.
<i>Gaillardia aristata</i> 'Arizona Sun' AAS '05	6-8	6-8	No blooms yet; smaller than 'Sundance Bicolor' but good health and vigor.	**10-14	**11-13	Really good bloom and vigor but a little lacking in height uniformity.
<i>Gaillardia pulchella</i> 'Sundance Bicolor' AAS '03	*8-10	*8-12	Good vigor and size uniformity but few blooms.	**16-19	**19-20	Very nice with good bloom and vigor.
<i>Gazania rigens</i> 'Talent Red Shades' Ben	4-8	3-8	Not uniform in size or vigor; not many blooms yet but orange-red flower color contrasts nicely against gray foliage.	7-9	5-8	Three of the six plants wilted but others nice with good bloom.
<i>Gypsophila muralis</i> (Baby's Breath) 'Gypsy Deep Rose' AAS '04	2-4	4-8	Good bloom but size could be more uniform.	4-6	7-9	Of six planted in May-1 is dead; 1 is gone; other four with really good bloom but not uniform in size.
<i>Helianthus annuus</i> (Annual Sunflower) 'Ring of Fire' AAS '01	24-30	8-12	No bloom yet but fairly healthy still.	36-48	18-22	Acceptable; somewhat buggy-normal for these.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Cherry' FG	4-5	6-7	Only 1 bloom on six plants but fairly uniform in size.	3-5	4-6	Some plants too dry, others similar to other New Guineas here.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Deep Salmon' FG	4-5	5-7	Similar to others with little bloom on small plants.	3-5	5-7	Plants a bit dry right now; fairly uniform in size but few blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Fire' FG	3-4	5-7	One of the nicer groups here.	3-5	5-7	One of the more vigorous groups here but no blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Lavender' FG	4-6	4-7	Similar to others with few flowers.	2-4	3-5	Not too vigorous and few flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Light Orchid' FG	4-5	5-7	Small but healthy.	3-5	3-6	Not uniform in size or vigor and few blooms.

Dickinson

Seed/Plant Source	July 13			August 30		
	Height	Spread	Comments	Height	Spread	Comments
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Light Pink' FG	2-4	4-7	Only 2 blooms showing on six plants and not uniform in size.	3-5	4-6	Some of the plants in a dry area-not too vigorous and no flowers.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Red' FG	2-4	3-4	Vigor ok but small plants.	2-4	3-6	Similar to others-not much vigor or many blooms.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic Sweet Red' FG	2-4	4-6	Only 1 bloom showing on six plants; similar to others.	3-5	3-6	Few blooms and not too vigorous.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Compact Sonic White' FG	3-4	5-7	Not uniform in size but health and vigor ok.	3-5	5-8	Growth is similar to other New Guineas here.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Magic Pink' FG	4-5	5-8	Only 2 blooms total but plants are more vigorous than other cultivars.	5-7	5-8	Not much bloom but one of the more vigorous groups right now.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Purple' FG	4	6	Only 3 plants left of 6 planted in May; 2 in a dry spot and not too vigorous.	1-5	2-6	One really small one, otherwise similar to how others are growing.
<i>Impatiens hawkerii</i> (New Guinea Impatiens) 'Sonic Salmon Ice' FG	2-4	3-5	Only 1 bloom visible on six plants; small and not too vigorous.	2-4	3-5	Not too vigorous.
<i>Impatiens walleriana</i> 'Logro Pink' Gri	1-3	3-7	Similar to 'Stardust Cherry'-only a few blooms and not much vigor.	2-5	5-8	Poor and no vigor.
<i>Impatiens walleriana</i> 'Stardust Cherry' PAS	2-3	2-5	Not too vigorous yet and only a few blooms on each plant.	2-4	5-7	Poor and no vigor.
<i>Lobelia erinus</i> 'Coat of Arms Light Blue' Gri	6-8	6-12	Not uniform in bloom or size but good vigor.	6-7	12-15	Of the six plants put in, 4 had great bloom, 1 died, and 1 with poor bloom.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Avalon Bright Pink' AAS '01	**10-12	**9-11	Nice plants-uniform and good bloom.	**13-15	**11-13	Good bloom, vigor and uniformity.
<i>Nicotiana x sanderae</i> (Flowering Tobacco) 'Perfume Deep Purple' AAS '06	**14-16	**11-12	Good bloom, uniformity and vigor.	*24-30	*22-24	Vigorous and fairly uniform but blooms are not open right now.
<i>Osteospermum</i> 'Tradewinds Deep Purple' FG	**8-10	**8-12	Best of the three here; good bloom and size uniformity.	14-16	20-22	Good vigor but bloom could be better.
<i>Osteospermum</i> 'Tradewinds Light Purple' FG	*8-10	*8-12	Good bloom and vigor.	12-14	12-15	Not as vigorous as 'Tradewinds Deep Purple' but bloom about the same.
<i>Osteospermum</i> 'Tradewinds Pink' FG	5-7	9-10	Least floriferous of the three but nice little plants.	10-12	10-12	Not as vigorous as other 2 but bloom about the same.
<i>Pelargonium x hortorum</i> (Geranium) 'Americana Deep Red' FG	5-10	5-10	Not much bloom and plants a bit smaller than others.	7-10	7-12	Not as floriferous or vigorous as 'Eclipse Dark Red'.
<i>Pelargonium x hortorum</i> (Geranium) 'Avenida Mosaic Purple' FG	4-8	4-8	Small but good vigor.	9-11	8-10	Not as vigorous or floriferous as 'Avenida Mosaic Red'.
<i>Pelargonium x hortorum</i> (Geranium) 'Avenida Mosaic Red' FG	6-8	6-8	Size uniformity and vigor good.	10-12	12-15	Good vigor and neat flower color; larger than 'Avenida Mosaic Purple'.
<i>Pelargonium x hortorum</i> (Geranium) 'Black Velvet Rose' AAS '02	4-12	5-8	Not uniform in size or bloom, should be doing better.	*12-14	*10-13	Not uniform in size but bloom alright.
<i>Pelargonium x hortorum</i> (Geranium) 'Eclipse Dark Red' FG	*6-10	*8-12	One of the nicer groups and flowers have a nice, bright color.	8-10	11-13	Nice, bright red color.
<i>Pelargonium x hortorum</i> (Geranium) 'Gloria 06' FG	5-10	8-12	Not too bad but small plants.	8-13	12-15	Not uniform in size, otherwise alright.

Dickinson

Seed/Plant Source	July 13			August 30			
	Height	Spread	Comments	Height	Spread	Comments	
<i>Pelargonium x hortorum</i> (Geranium) 'Rocky Mountain Coral'	FG	*8-10	*8-10	One of the nicer groups right now.	**12-14	**13-15	One of the more vigorous groups right now.
<i>Pelargonium x hortorum</i> (Geranium) 'Rocky Mountain White'	FG	5-8	6-10	Not uniform in size and dead heads detract from appearance.	6-8	5-8	Not as vigorous or floriferous as others.
<i>Pelargonium x hortorum</i> (Geranium) 'Schoene Helena'	FG	4-10	5-8	Not uniform in size or bloom but good vigor.	8-10	10-12	Similar to others in growth and bloom.
<i>Pelargonium x hortorum</i> (Geranium) 'Tango Orange'	FG	5-7	5-10	Not too bad-health good but not uniform in size or bloom.	8-10	10-12	Looks good.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Holiday Purple Blizzard'	FG	5-10	5-10	Not too vigorous yet and not much bloom.	6-8	11-13	Few blooms and not too vigorous.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Holiday Purple Dream'	FG	4-8	5-12	Not too vigorous yet and not much bloom.	7-9	8-14	Not too vigorous but more bloom than 'Holiday Purple Blizzard'.
<i>Pelargonium peltatum</i> (Ivy Geranium) 'Maxime'	FG	4-8	8-12	Vigor good but plants are small.	9-12	15-18	More vigor than 'Holiday Purple Blizzard' or 'Holiday Purple Dream'.
<i>Pennisetum glaucum</i> 'Purple Majesty'	AAS '03	12-15	4-6	Not too vigorous yet.	30-48	5-24	Not too bad; probably the best it's looked out here since we've been planting it.
<i>Pennisetum setaceum</i> (Fountain Grass)	Pk	12-14	15-18	Just starting to look good.	***36-40	***36-40	Very, very nice.
<i>Pentas lanceolata</i> 'Kaleidoscope Appleblossom'	Ben	2-4	2-6	Only 2 plants blooming and not much vigor yet.	11-12	9-11	Most uniform of the group in size and bloom.
<i>Pentas lanceolata</i> 'Kaleidoscope Carmine'	Ben	4-5	5-6	Not blooming yet but size is uniform.	9-11	6-8	Doing very well this year compared to how they've done in the past.
<i>Pentas lanceolata</i> 'Kaleidoscope Deep Red'	Ben	3-4	4-6	Only 2 plants blooming and not uniform in size.	5-11	6-9	Bloom and size not uniform.
<i>Pentas lanceolata</i> 'Kaleidoscope Lilac'	Ben	3-4	3-5	Fairly uniform in size but few blooms.	8-12	7-9	Most vigorous and floriferous of the group but one plant with no blooms.
<i>Petunia hybrida</i> (Floribunda) 'Madness Lavender Glow'	Ball	*8-12	*6-14	Not uniform in bloom but still looks nice with good bloom.	***12-16	***to 24	Very, very nice and showy.
<i>Petunia hybrida</i> (Floribunda) 'Madness Rose Morn'	Ball	**6-10	**10-12	Good bloom and uniform in size; nice show of color.	*9-16	*to 30	Good bloom but not uniform in size.
<i>Petunia hybrida</i> (Floribunda) 'Madness Salmon Morn'	Ball	8-10	8-12	Not as floriferous as 'Madness Rose Morn' but vigor good.	**12-14	**to 36	Very vigorous but plants falling apart in middle.
<i>Petunia hybrida</i> (Grandiflora) 'Candypops Blue Picotee'	Gri	5-10	5-14	Not uniform in size or bloom but flowers pretty.	*12-16	*24-26	Good bloom but falling over from the middle.
<i>Petunia hybrida</i> (Grandiflora) 'Garden Leader Logro Mix'	Gri	6-8	6-12	Not uniform in size but bloom good.	***7-9	***22-25	Very, very nice right now.
<i>Petunia hybrida</i> (Grandiflora) 'Limbo Violet'	AAS '04	*4-6	*7-12	Small but uniform and bloom just starting to look good.	***6-8	***22-24	Very nice and showy right now.
<i>Petunia hybrida</i> (Hedgiflora) 'Tidal Wave Silver'	AAS '02	***8-14	***to 36	Nice show as usual and good vigor.	***to 24	***>48	Very, very showy and floriferous.
<i>Petunia hybrida</i> (Minipetunia) 'Whispers Appleblossom'	FG	**4-10	**12-18	Good bloom, vigor and uniformity.	***14-16	***to 36	Very, very nice right now.

Dickinson

Seed/Plant Source	July 13			August 30			
	Height	Spread	Comments	Height	Spread	Comments	
<i>Petunia hybrida</i> (Minipetunia) 'Whispers Blue Rose'	FG	**4-8	**12-24	Good bloom and nice show.	***14-16	***to 36	Very, very nice right now.
<i>Petunia hybrida</i> (Minipetunia) 'Whispers Light Yellow'	FG	4-6	6-9	Least vigorous of the 'Whisper' petunias here and bloom not as good either.	**14-16	**15-18	Being overrun by 'Whispers Blue Rose' but good bloom and vigor.
<i>Petunia hybrida</i> (Minipetunia) 'Whispers Red'	FG	**6-8	**12-18	Bloom and vigor very good.	**14-16	**to 30	Being overrun by 'Lavender Wave' but bloom and vigor good.
<i>Petunia hybrida</i> (Minipetunia) 'Whispers Rose Vein'	FG	*4-8	*12-18	Lacking size uniformity but bloom alright.	**8-18	** to 30	Really good bloom but height not uniform.
<i>Petunia hybrida</i> (Minipetunia) 'Whispers White'	FG	**6-8	**14-20	Good uniformity and bloom.	***12-14	***to 36	Very, very nice right now.
<i>Petunia hybrida</i> (Multiflora) 'Merlin Blue Morn'	AAS '03	*8-10	*8-10	Good vigor and fairly uniform in size and bloom.	**10-12	**to 26	Being overrun by 'Tidal Wave Silver' but good bloom and vigor.
<i>Petunia hybrida</i> (Spreading) 'Blue Wave'	AAS '03	4-6	10-24	Lacking uniformity in width but bloom good.	***10-12	***to 48	Very nice and showy right now.
<i>Petunia hybrida</i> (Spreading) 'Easy Wave Shell Pink Improved'	PAS	6-10	12-24	Bloom not as uniform as other spreading petunias but still good show of color.	***12-14	***to 40	Very, very nice right now.
<i>Petunia hybrida</i> (Spreading) 'Jamboree Burgundy'	FG	6-8	12-24	Not as floriferous as other 'Jamborees' and lacking uniformity in width.	***14-16	***to 40	Very, very nice right now.
<i>Petunia hybrida</i> (Spreading) 'Jamboree Hot Pink'	FG	**6-8	**16-24	Really nice show of pink.	***14-16	***to 40	Very, very nice right now.
<i>Petunia hybrida</i> (Spreading) 'Jamboree Lavender'	FG	**6-8	**14-24	Good show of lavender.	***12-14	***to 36	Very nice and showy-all the 'Jamborees' doing very nicely right now.
<i>Petunia hybrida</i> (Spreading) 'Jamboree Light Blue'	FG	**6-8	**12-16	Little bit smaller than other 'Jamborees' but good show of color.	***14-16	***to 40	Good vigor and show of color.
<i>Petunia hybrida</i> (Spreading) 'Jamboree White'	FG	**7-8	**24	Nice show of color; good bloom and vigor.	***12-16	***to 40	Very, very nice right now.
<i>Petunia hybrida</i> (Spreading) 'Lavender Wave'	AAS '02	3-4	18-24+	Vigor good but bloom not as good as some other petunias.	***10-12	***to 48	Very good bloom, vigor and uniformity.
<i>Portulaca grandiflora</i> (Moss Rose) 'Margarita Rosita'	AAS '01	*6-7	*7-9	Size uniformity good but bloom could be better.	*8	*12-15	Good uniformity and bloom alright but dead heads detract.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Cherokee Sunset'	AAS '02	14-16	10-14	Good vigor but only one bloom.	24-32	22-30	Not as showy as 'Prairie Sun' or as vigorous and some stems falling over.
<i>Rudbeckia hirta</i> (Black-eyed Susan) 'Prairie Sun'	AAS '03	6-12	6-12	Not blooming and not uniform in size but good health.	***24-32	***22-26	Very nice and showy.
<i>Salvia farinacea</i> 'Evolution'	Ben, AAS '06	10-14	10-12	Just starting to bloom but good vigor.	***18-20	***16-18	Very uniform in bloom and size with nice show of color.
<i>Sanvitalia procumbens</i> 'Sundance Yellow'	FG	3-5	8-12	Good bloom but not uniform in size.	*4-6	*12-18	Very good bloom but not uniform in spread.
<i>Scabiosa japonica</i> var. <i>alpina</i> 'Ritz Blue'	Ben	3-5	5-8	Small but healthy plants and only one is blooming.	4-10	9-12	Not uniform in size or bloom.
<i>Trachelium caeruleum</i> 'Garden Leader Purple'	Gri	14-16	5-6	Lots of buds but not blooming; size uniformity is good.	12-16	11-13	Bloom good but dead heads detract; not uniform in height.

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Seed/Plant Source	July 13			August 30		
	Height	Spread	Comments	Height	Spread	Comments
<i>Verbena x hybrida</i> 'Escapade Bright Eye' FG	*3-5	*to 30	Good vigor but not as floriferous as 'Escapade Light Purple with Eye'.	7-9	to 36	Very vigorous but not many blooms.
<i>Verbena x hybrida</i> 'Escapade Light Purple with Eye' FG	**3-4	**to 30	Good bloom, uniformity and vigor.	***8-9	***to 32	Very, very nice right now.
<i>Verbena x hybrida</i> 'Escapade Pink' FG	*3-6	*to 30	Good bloom but not uniform in width-nice show of pink.	***8-9	***to 32	Nice show of color.
<i>Verbena x hybrida</i> 'Lanai Blue' FG	*6-8	*10-18	Growth similar to 'Lanai Bright Pink'.	**5-7	**to 24	Not quite as floriferous as a few others but still nice.
<i>Verbena x hybrida</i> 'Lanai Bright Pink' FG	*4-6	*18-24	Not as floriferous as 'Lanai Cherry Red' but good size uniformity.	***6-8	***to 32	Very, very nice and showy.
<i>Verbena x hybrida</i> 'Lanai Cherry Red' FG	***4-6	***18-24	Very nice show.	***6-8	***to 32	Very good vigor, bloom and uniformity.
<i>Verbena x hybrida</i> 'Lanai Deep Purple' FG	*3-10	*12-24	Color not as showy as others but good bloom; not uniform in size.	***6-8	***to 32	Very nice show.
<i>Verbena x hybrida</i> 'Lanai Lavender Star' FG	**6-8	**18	Good bloom and size uniformity; color not as showy as others now but still nice.	***7-8	***to 36	All grown together so hard to tell spread without wrecking plants; very good bloom and vigor.
<i>Verbena x hybrida</i> 'Lanai Peach' FG	3-4	up to 12	One of least vigorous verbena here; bloom not that great either.	5-6	15-18	Not as vigorous or floriferous as other 'Lanai' verbena.
<i>Verbena x hybrida</i> 'Lanai Royal Purple' FG	***6-8	***12-24	Good show of color.	***to 12	***to 40	Very nice and vigorous.
<i>Verbena x hybrida</i> 'Rapunzel Hot Rose' FG	*3-5	*to 12	Not as vigorous as other 'Rapunzel' verbenas but good bloom.	5-6	12-15	Nice bright color but not as vigorous or floriferous as others.
<i>Verbena x hybrida</i> 'Rapunzel Light Lavender' FG	*6-9	*12-24	Good bloom but not uniform in size.	9-11	to 30	Not as floriferous as others but vigor is good.
<i>Verbena x hybrida</i> 'Rapunzel Purple' FG	*3-5	*to 30	Lacking uniformity in spread but good bloom.	5-7	15-18	Not as vigorous or floriferous as others.
<i>Verbena x hybrida</i> 'Rapunzel Strawberry' FG	**3-6	**to 30	Good vigor and show of red.	***6-8	***to 36	Very vigorous and floriferous.
<i>Viola wittrockiana</i> 'Ultimo Morpho' AAS '02	4-6	2-4	No vigor and something (rabbits?) is eating the flowers.	2-6	4-6	Small and no vigor.
<i>Zinnia angustifolia</i> 'Cascade Beauties White' Gri	10-12	10-12	Not much bloom yet but size uniformity good.	***16-18	***20-22	Very nice.
<i>Zinnia elegans</i> 'Magellan Coral' AAS '05	8-12	9-12	Good vigor but not much bloom yet.	14-16	20-22	Dead heads detract and some stems falling over and breaking off.
<i>Zinnia elegans</i> 'Zowie! Yellow Flame' AAS '06	9-14	10-12	Pretty color but not much bloom yet; good vigor and size.	***24-27	***18-20	Very good bloom and vigor.
<i>Zinnia</i> hybrid 'Profusion White' AAS '01	6-8	6-8	Not much bloom but size uniformity good.	***13-15	***16-18	Very, very nice right now.

Seed Source List - 2005

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	FG (W)	Fischer USA, Inc. 6899 Winchester Circle, Suite 102 Boulder, CO 80301	Pk (R)	Park Seed P.O. Box 31 Greenwood, SC 29646
Ball (W)	Ball Seed Company 622 Town Road West Chicago, IL 60185-2698	Gri (W)	Grimes Seeds and Plants 11335 Concord Hambden Road Concord, OH 44077	S&G (W)	Syngenta Seeds, Inc. 5300 Katrine Avenue Downer's Grove, IL 60515
Ben (W)	Ernst Benary of America, Inc. 1444 Larson Street Sycamore, IL 60178	GS (W)	Goldsmith Seeds, Inc. P.O. Box 1349 Gilroy, CA 95021	T & M (R)	Thompson and Morgan Seedsmen P.O. Box 1308 Jackson, NJ 08527-0308
Da (W)	Daehnfeldt, Inc. P.O. Box 38 North Manchester, IN 47962	PAS (W)	PanAmerican Seed 622 Town Road West Chicago, IL 60185-2698	Unk	Unknown or used seed from an old seed source.

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

2005 Top Performers-Dickinson, ND

Top performers received *, **, or *** during **either** evaluation time as seen in the evaluations for each site (pp. 12-41). Plants are listed in alphabetical order.

July 13		August 30	
<i>Ageratum houstonianum</i> 'High Tide Blue'	<i>Verbena x hybrida</i> 'Escapade Bright Eye'	<i>Agastache foeniculum</i> 'Golden Jubilee'	<i>Petunia hybrida</i> 'Jamboree Hot Pink'
<i>Antirrhinum majus</i> 'Snapshot Mix'	<i>Verbena x hybrida</i> 'Escapade Light Purple with Eye'	<i>Alcea rosea</i> 'Queeny Purple'	<i>Petunia hybrida</i> 'Jamboree Lavender'
<i>Argyranthemum</i> 'Sassy White'	<i>Verbena x hybrida</i> 'Escapade Pink'	<i>Antirrhinum majus</i> 'Snapshot Mix'	<i>Petunia hybrida</i> 'Jamboree Light Blue'
<i>Celosia plumosa</i> 'Fresh Look Orange'	<i>Verbena x hybrida</i> 'Lanai Blue'	<i>Capsicum annuum</i> 'Chilly Chili'	<i>Petunia hybrida</i> 'Jamboree White'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Verbena x hybrida</i> 'Lanai Bright Pink'	<i>Catharanthus roseus</i> 'First Kiss Blueberry'	<i>Petunia hybrida</i> 'Madness Lavender Glow'
<i>Celosia plumosa</i> 'Fresh Look Yellow'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'	<i>Catharanthus roseus</i> 'Jaio Dark Red'	<i>Petunia hybrida</i> 'Madness Rose Morn'
<i>Dianthus barbatus</i> 'Dynasty Orchid'	<i>Verbena x hybrida</i> 'Lanai Deep Purple'	<i>Catharanthus roseus</i> 'Jaio Scarlet Eye'	<i>Petunia hybrida</i> 'Madness Salmon Morn'
<i>Dianthus barbatus x chinensis</i> 'Award Salmon'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'	<i>Celosia plumosa</i> 'Fresh Look Orange'	<i>Petunia hybrida</i> 'Merlin Blue Morn'
<i>Diascia</i> 'Darla Light Pink'	<i>Verbena x hybrida</i> 'Lanai Royal Purple'	<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Petunia hybrida</i> 'Tidal Wave Silver'
<i>Eustoma grandiflorum</i> 'Forever Blue'	<i>Verbena x hybrida</i> 'Rapunzel Hot Rose'	<i>Celosia plumosa</i> 'Fresh Look Yellow'	<i>Petunia hybrida</i> 'Whispers Appleblossom'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Verbena x hybrida</i> 'Rapunzel Light Lavender'	<i>Dianthus</i> F1 'Supra Purple'	<i>Petunia hybrida</i> 'Whispers Blue Rose'
<i>Nicotiana x sanderae</i> 'Avalon Bright Pink'	<i>Verbena x hybrida</i> 'Rapunzel Purple'	<i>Dianthus barbatus</i> 'Dynasty Orchid'	<i>Petunia hybrida</i> 'Whispers Light Yellow'
<i>Nicotiana x sanderae</i> 'Perfume Deep Purple'	<i>Verbena x hybrida</i> 'Rapunzel Strawberry'	<i>Dianthus barbatus x chinensis</i> 'Award Salmon'	<i>Petunia hybrida</i> 'Whispers Red'
<i>Osteospermum</i> 'Tradewinds Deep Purple'		<i>Dianthus caryophyllus</i> 'Can Can Scarlet'	<i>Petunia hybrida</i> 'Whispers Rose Vein'
<i>Osteospermum</i> 'Tradewinds Light Purple'		<i>Diascia</i> 'Darla Deep Salmon'	<i>Petunia hybrida</i> 'Whispers White'
<i>Pelargonium x hortorum</i> 'Eclipse Dark Red'		<i>Diascia</i> 'Darla Light Pink'	<i>Portulaca grandiflora</i> 'Margarita Rosita'
<i>Pelargonium x hortorum</i> 'Rocky Mountain Coral'		<i>Diascia</i> 'Darla Pink'	<i>Rudbeckia hirta</i> 'Prairie Sun'
<i>Petunia hybrida</i> 'Jamboree Hot Pink'		<i>Diascia</i> 'Darla White'	<i>Salvia farinacea</i> 'Evolution'
<i>Petunia hybrida</i> 'Jamboree Lavender'		<i>Gaillardia aristata</i> 'Arizona Sun'	<i>Sanvitalia procumbens</i> 'Sundance Yellow'
<i>Petunia hybrida</i> 'Jamboree Light Blue'		<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Verbena x hybrida</i> 'Escapade Light Purple with Eye'
<i>Petunia hybrida</i> 'Jamboree White'		<i>Nicotiana x sanderae</i> 'Avalon Bright Pink'	<i>Verbena x hybrida</i> 'Escapade Pink'
<i>Petunia hybrida</i> 'Limbo Violet'		<i>Nicotiana x sanderae</i> 'Perfume Deep Purple'	<i>Verbena x hybrida</i> 'Lanai Blue'
<i>Petunia hybrida</i> 'Madness Lavender Glow'		<i>Pelargonium x hortorum</i> 'Black Velvet Rose'	<i>Verbena x hybrida</i> 'Lanai Bright Pink'
<i>Petunia hybrida</i> 'Madness Rose Morn'		<i>Pelargonium x hortorum</i> 'Rocky Mountain Coral'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'
<i>Petunia hybrida</i> 'Merlin Blue Morn'		<i>Pennisetum setaceum</i>	<i>Verbena x hybrida</i> 'Lanai Deep Purple'
<i>Petunia hybrida</i> 'Tidal Wave Silver'		<i>Petunia hybrida</i> 'Blue Wave'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Petunia hybrida</i> 'Whispers Appleblossom'		<i>Petunia hybrida</i> 'Candypops Blue Picotee'	<i>Verbena x hybrida</i> 'Lanai Royal Purple'
<i>Petunia hybrida</i> 'Whispers Blue Rose'		<i>Petunia hybrida</i> 'Easy Wave Shell Pink Improved'	<i>Verbena x hybrida</i> 'Rapunzel Strawberry'
<i>Petunia hybrida</i> 'Whispers Red'		<i>Petunia hybrida</i> 'Garden Leader Logro Mix'	<i>Zinnia angustifolia</i> 'Cascade Beauties White'
<i>Petunia hybrida</i> 'Whispers Rose Vein'		<i>Petunia hybrida</i> 'Lavender Wave'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Petunia hybrida</i> 'Whispers White'		<i>Petunia hybrida</i> 'Limbo Violet'	<i>Zinnia</i> hybrid 'Profusion White'
<i>Portulaca grandiflora</i> 'Margarita Rosita'		<i>Petunia hybrida</i> 'Jamboree Burgundy'	

2005 Star Performers

Star performers received *, **, or *** during **both** evaluation times as seen on the evaluation sheets for each site (pp. 12-41). Plants are listed in alphabetical order

Fargo	Dickinson	Williston
<i>Asarina scandens</i> 'Color Mix'	<i>Petunia hybrida</i> 'Jamboree Burgundy'	<i>Dianthus barbatus</i> 'Dynasty Orchid'
<i>Begonia semperflorans</i> 'Queen Red'	<i>Petunia hybrida</i> 'Jamboree Hot Pink'	<i>Lobelia erinus</i> 'Coat of Arms Light Blue'
<i>Capsicum annuum</i> 'Black Pearl'	<i>Petunia hybrida</i> 'Jamboree Light Blue'	<i>Nicotiana x sanderae</i> 'Avalon Bright Pink'
<i>Capsicum annuum</i> 'Chilly Chili'	<i>Petunia hybrida</i> 'Jamboree White'	<i>Nicotiana x sanderae</i> 'Perfume Deep Purple'
<i>Capsicum annuum</i> 'Explosive Ember'	<i>Petunia hybrida</i> 'Ramblin' Burgundy Chrome'	<i>Pelargonium x hortorum</i> 'Black Velvet Rose'
<i>Celosia plumosa</i> 'Fresh Look Orange'	<i>Petunia hybrida</i> 'Tidal Wave Silver'	<i>Pelargonium x hortorum</i> 'Eclipse Dark Red'
<i>Celosia plumosa</i> 'Fresh Look Red'	<i>Petunia hybrida</i> 'Whispers Blue Rose'	<i>Pelargonium x hortorum</i> 'Schoene Helena'
<i>Celosia plumosa</i> 'New Look'	<i>Petunia hybrida</i> 'Whispers Red'	<i>Petunia hybrida</i> 'Blue Wave'
<i>Coleus x blumei</i> 'Limelight'	<i>Portulaca grandiflora</i> 'Margarita Rosita'	<i>Petunia hybrida</i> 'Jamboree Burgundy'
<i>Coleus x blumei</i> 'Scarlet II'	<i>Salvia farinacea</i> 'Evolution'	<i>Petunia hybrida</i> 'Jamboree Hot Pink'
<i>Coleus x blumei</i> 'Wizard Mosaic'	<i>Salvia farinacea</i> 'Victoria'	<i>Petunia hybrida</i> 'Jamboree Lavender'
<i>Dianthus barbatus</i> 'Amazon Neon Purple'	<i>Spilanthes oleracea</i> 'Peek-a-boo'	<i>Petunia hybrida</i> 'Jamboree Light Blue'
<i>Dianthus barbatus x chinensis</i> 'Award Salmon'	<i>Stipa tenuissima</i> 'Ponytails'	<i>Petunia hybrida</i> 'Jamboree White'
<i>Diascia</i> 'Darla Red'	<i>Tagetes erecta</i> 'Whopper Gold'	<i>Petunia hybrida</i> 'Lavender Wave'
<i>Eragrostis elliottii</i> 'Wind Dancer'	<i>Verbena bonariensis</i>	<i>Petunia hybrida</i> 'Tidal Wave Silver'
<i>Gaillardia pulchella</i> 'Sundance Bicolor'	<i>Verbena x hybrida</i> 'Escapade Light Purple with Eye'	<i>Petunia hybrida</i> 'Whispers Appleblossom'
<i>Gomphrena globosa</i> 'Purple Gomp'	<i>Verbena x hybrida</i> 'Escapade Pink'	<i>Petunia hybrida</i> 'Whispers Blue Rose'
<i>Gomphrena haageana</i> 'Strawberry Fields'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'	<i>Petunia hybrida</i> 'Whispers Rose Vein'
<i>Impatiens walleriana</i> 'Bruno Red'	<i>Verbena x hybrida</i> 'Lanai Deep Purple'	<i>Petunia hybrida</i> 'Whispers White'
<i>Impatiens walleriana</i> 'Bruno Rose'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'	<i>Verbena x hybrida</i> 'Lanai Bright Pink'
<i>Impatiens walleriana</i> 'Bruno Salmon'	<i>Verbena x hybrida</i> 'Lanai Royal Purple'	<i>Verbena x hybrida</i> 'Lanai Cherry Red'
<i>Impatiens walleriana</i> 'Bruno Violet'	<i>Verbena x hybrida</i> 'Rapunzel Strawberry'	<i>Verbena x hybrida</i> 'Lanai Deep Purple'
<i>Impatiens walleriana</i> 'Dazzler Blue Pearl'	<i>Viola wittrockiana</i> 'Flamenco Hybrid Mix'	<i>Verbena x hybrida</i> 'Lanai Lavender Star'
<i>Impatiens walleriana</i> 'Stardust Cherry'	<i>Viola wittrockiana</i> 'Ultimo Morpho'	<i>Zinnia elegans</i> 'Zowie! Yellow Flame'
<i>Impatiens walleriana</i> 'Swirl Raspberry'	<i>Zinnia elegans</i> 'Dreamland Rose'	
<i>Lobelia erinus</i> 'Coat of Arms Light Blue'		
<i>Lobularia maritima</i> 'Golf'		
<i>Melampodium paludosum</i> 'Showstar'		
<i>Mirabilis jalapa</i> 'Limelight'		
<i>Nicotiana x sanderae</i> 'Avalon Bright Pink'		
<i>Nicotiana x sanderae</i> 'Perfume Deep Purple'		
<i>Pelargonium x hortorum</i> 'Orbit Salmon'		
<i>Pelargonium x hortorum</i> 'Rocky Mountain Coral'		
<i>Pennisetum setaceum</i>		
	<i>Antirrhinum majus</i> 'Snapshot Mix'	
	<i>Celosia plumosa</i> 'Fresh Look Orange'	
	<i>Celosia plumosa</i> 'Fresh Look Red'	
	<i>Celosia plumosa</i> 'Fresh Look Yellow'	
	<i>Dianthus barbatus</i> 'Dynasty Orchid'	
	<i>Dianthus barbatus x chinensis</i> 'Award Salmon'	
	<i>Diascia</i> 'Darla Light Pink'	
	<i>Gaillardia pulchella</i> 'Sundance Bicolor'	
	<i>Nicotiana x sanderae</i> 'Avalon Bright Pink'	
	<i>Nicotiana x sanderae</i> 'Perfume Deep Purple'	
	<i>Pelargonium x hortorum</i> 'Rocky Mountain Coral'	
	<i>Petunia hybrida</i> 'Jamboree Hot Pink'	
	<i>Petunia hybrida</i> 'Jamboree Lavender'	
	<i>Petunia hybrida</i> 'Jamboree Light Blue'	
	<i>Petunia hybrida</i> 'Jamboree White'	
	<i>Petunia hybrida</i> 'Limbo Violet'	
	<i>Petunia hybrida</i> 'Madness Lavender Glow'	
	<i>Petunia hybrida</i> 'Madness Rose Morn'	
	<i>Petunia hybrida</i> 'Merlin Blue Morn'	
	<i>Petunia hybrida</i> 'Tidal Wave Silver'	
	<i>Petunia hybrida</i> 'Whispers Appleblossom'	
	<i>Petunia hybrida</i> 'Whispers Blue Rose'	
	<i>Petunia hybrida</i> 'Whispers Red'	
	<i>Petunia hybrida</i> 'Whispers Rose Vein'	
	<i>Petunia hybrida</i> 'Whispers White'	
	<i>Portulaca grandiflora</i> 'Margarita Rosita'	
	<i>Verbena x hybrida</i> 'Escapade Light Purple with Eye'	
	<i>Verbena x hybrida</i> 'Escapade Pink'	
	<i>Verbena x hybrida</i> 'Lanai Blue'	
	<i>Verbena x hybrida</i> 'Lanai Bright Pink'	
	<i>Verbena x hybrida</i> 'Lanai Cherry Red'	
	<i>Verbena x hybrida</i> 'Lanai Deep Purple'	
	<i>Verbena x hybrida</i> 'Lanai Lavender Star'	
	<i>Verbena x hybrida</i> 'Lanai Royal Purple'	
	<i>Verbena x hybrida</i> 'Rapunzel Strawberry'	