

2015

University of Florida Ft. Lauderdale Trial Garden



Table 1. List of cultivars planted in the Ft. Lauderdale Trial Garden on February 10, 2015.

<b>Plant</b>	<b>Series</b>	<b>Variety</b>
<b>Bidens</b>		Campfire Embers
<b>Browallia</b>	Endless	Flirtation Illumination
<b>Calibrachoa</b>	Superbells	Evening Star Holy Moly!
<b>Cleome</b>	Senorita	Blanca Imp Mi Amor
<b>Coleus</b>	CB	Apple Brandy Velveteen
<b>Dahlia</b>	Dahlightful	Lively Lavender
<b>Diascia</b>	Flirtation	Glacier White
<b>Gerbera</b>	Hello!	Magentman Miss Scarlet Sunshine
<b>Impatiens</b>	Rockapulco	Wisteria
<b>Ipomea</b>	Sweet Caroline	Sweetheart Lime
<b>Isotoma</b>		Beth's Blue
<b>Lantana</b>	Luscious	Pinkberry Blend
<b>Lobelia</b>	Lucia	Ultraviolet
<b>Nemesia</b>	Sunsatia	Blood Orange
<b>Pansiola</b>	Anytime	Iris Plum Good
<b>Petunia</b>	Cascadias	Indian Summer
<b>Petunia</b>	Supertunia	Indigo Charm Latte Morning Glory Charm Orchid Charm Picasso in Blue

		Picasso in Burgundy Pink Star Charm Purple Star Charm Rose Blast Charm Sangria Charm Vista Bubblegum Vista Fuchsia Vista Silverberry Watermelon Charm
<b>Phlox</b>	Intensia	White Imp
<b>Portulaca</b>	Mojave	Fuchsia Pink Red Tangerine Yellow
<b>Verbena</b>	MS	Violet
<b>Verbena</b>	Superbena	Sparkling Ruby Sparkling Amethyst

Table 2. Consumer preference survey was conducted from March to May 2015. Results are based on the percentage of respondents who chose that cultivar as one that they liked. A total of 53 surveys were completed.

<b>Plant</b>	<b>Series</b>	<b>Variety</b>	<b>Survey (%)</b>
<b>Bidens</b>		Campfire Embers	50
<b>Browallia</b>	Endless	Flirtation	13
		Illumination	22
<b>Calibrachoa</b>	Superbells	Evening Star	*
		Holy Moly!	*
<b>Cleome</b>	Senorita	Blanca Imp	18
		Mi Amor	17
<b>Coleus</b>	CB	Apple Brandy	60
		Velveteen	36
<b>Dahlia</b>	Dahlightful	Lively Lavender	34
<b>Diascia</b>	Flirtation	Glacier White	24
<b>Gerbera</b>	Hello!	Magentman	11
		Miss Scarlet	32
		Sunshine	36
<b>Impatiens</b>	Rockapulco	Wisteria	32
<b>Ipomea</b>	Sweet Caroline	Sweetheart Lime	*
<b>Isotoma</b>		Beth's Blue	25
<b>Lantana</b>	Luscious	Pinkberry Blend	21
<b>Lobelia</b>	Lucia	Ultraviolet	30
<b>Nemesia</b>	Sunsatia	Blood Orange	47
<b>Pansiola</b>	Anytime	Iris	47
		Plum Good	28
<b>Petunia</b>	Cascadias	Indian Summer	38
<b>Petunia</b>	Supertunia	Indigo Charm	24
		Latte	25
		Morning Glory Charm	26

		Orchid Charm	24
		Picasso in Blue	32
		Picasso in Burgundy	40
		Pink Star Charm	26
		Purple Star Charm	26
		Rose Blast Charm	34
		Sangria Charm	24
		Vista Bubblegum	34
		Vista Fuchsia	28
		Vista Silverberry	25
		Watermelon Charm	32
<b>Phlox</b>	Intensia	White Imp	32
<b>Portulaca</b>	Mojave	Fuchsia	28
		Pink	22
		Red	21
		Tangerine	34
		Yellow	30
<b>Verbena</b>	MS	Violet	34
<b>Verbena</b>	Superbena	Sparkling Ruby	28
		Sparkling Amethyst	45

Cultivars denoted by a \* were not part of the consumer survey.

Table 3. Plant quality rating (0 = dead, 1 = poor performance, and 5 = top performance) for cultivars planted on February 10, 2015.

<b>Plant</b>	<b>Series</b>	<b>Variety</b>	<b>Rating Feb. 2015</b>	<b>Rating Mar. 2015</b>	<b>Rating Apr. 2015</b>
<b>Bidens</b>		Campfire Embers	4	4	2.5
<b>Browallia</b>	Endless	Flirtation	5	2	1.5
		Illumination	5	3	3
<b>Calibrachoa</b>	Superbells	Evening Star	5	2	1.5
		Holy Moly!	5	3	1.5
<b>Cleome</b>	Senorita	Blanca Imp	5	3	1.5
		Mi Amor	5	3	1.5
<b>Coleus</b>	CB	Apple Brandy	5	5	5
		Velveteen	5	4	4
<b>Dahlia</b>	Dahlightful	Lively Lavender	5	4	2.5
<b>Diascia</b>	Flirtation	Glacier White	5	4.5	4.5
<b>Gerbera</b>	Hello!	Magentman	3	2	1.5
		Miss Scarlet	4.5	4	3
		Sunshine	4.5	4	4
<b>Impatiens</b>	Rockapulco	Wisteria	5	4	4
<b>Ipomea</b>	Sweet Caroline	Sweetheart Lime	5	3	1.5
<b>Isotoma</b>		Beth's Blue	5	2	2
<b>Lantana</b>	Luscious	Pinkberry Blend	5	3	2
<b>Lobelia</b>	Lucia	Ultraviolet	5	5	5
<b>Nemesia</b>	Sunsatia	Blood Orange	5	4	4
<b>Pansiola</b>	Anytime	Iris	4.5	3.5	3
		Plum Good	4.5	2.5	2
<b>Petunia</b>	Cascadias	Indian Summer	5	4.5	3.5
<b>Petunia</b>	Supertunia	Indigo Charm	3	2	2
		Latte	5	3.5	2.5

		Morning Glory Charm	4.5	5	5
		Orchid Charm	5	4	5
		Picasso in Blue	5	5	5
		Picasso in Burgundy	5	5	5
		Pink Star Charm	5	5	5
		Purple Star Charm	5	5	5
		Rose Blast Charm	5	5	5
		Sangria Charm	5	2	2
		Vista Bubblegum	5	5	5
		Vista Fuchsia	5	3.5	4
		Vista Silverberry	5	5	5
		Watermelon Charm	5	4	4
<b>Phlox</b>	Intensia	White Imp	4	3.5	4
<b>Portulaca</b>	Mojave	Fuchsia	5	5	4
		Pink	5	4.5	3.5
		Red	5	4	4
		Tangerine	5	5	5
		Yellow	5	5	5
<b>Verbena</b>	MS	Violet	5	4	5
<b>Verbena</b>	Superbena	Sparkling Ruby	5	4	2
		Sparkling Amethyst	4.5	5	1.5

Table 4. Average mean air temperature, solar radiation, and rainfall measured at the University of Florida’s Fort Lauderdale Research and Education Center during spring 2015. The Florida Automated Weather Network (FAWN) collected the weather data.

<b>Month/Year</b>	<b>Avg. mean air temperature (°C)</b>	<b>Avg. Humidity</b>	<b>Avg. mean solar radiation (<math>W\bullet m^{-2}</math>)</b>	<b>Monthly rainfall (inches)</b>
<b>January 2015</b>	19.93	78	142.66	1.92
<b>February 2015</b>	18.84	74	186.42	2.28
<b>March 2015</b>	23.37	76	228.86	0.7
<b>April 2015</b>	25.33	77	231.00	5.33
<b>May 2015</b>	25.62	75	274.25	2.12