

THE LABOR DAY REPORT 2011
Summer Survivors
East Texas Ornamental Plant Evaluations

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Trial Garden Managers in Texas are always going on about how hot it is during the summer here. You have seen the presentations – you know what I am talking about! And then came the summer of 2011, a summer that amazed even the most seasoned veterans of plant evaluation programs in our part of the world. After a very pleasant spring, La Nina conquered our region with a high pressure system that was seemingly relentless. Heat and drought reigned supreme. From June 21 to September 21 at the Overton Center, 56 days had maximum temperatures at 98F or above with 34 of those days at or above 100F. We typically have less than 10 days with a maximum temperature over 100F. The maximum temperature was below 100F for only 4 days in August. We received only half our usual rainfall during the same period. It was definitely the hottest summer on record for us. Weather details can be seen at <http://etweather.tamu.edu/>. More information on how we perform the trials can be found at http://flowers.tamu.edu/files/2010/08/hortech11_3.pdf. But, the great thing about extremes is that it makes for a great trial season! A large number of plants made it to Labor Day this year, so as always there is a lot to be excited about.

Hibiscus Mahogany Splendor (PanAmerican) really showed off its regal foliage in the heat. It thrived in full sun and garnered the most votes for the People's Picks (<http://flowers.tamu.edu/peoples-picks/>) at the 2011 Overton Field Day. It even got more votes than the recent years favorite Rudbeckia Denver Daisy (Benary). But, there were many other outstanding plants in the 2011 trials.

Except for Lavender, the Serena series (PanAmerican) angelonia performed well again this year. A couple of the vegetative types also deserve mention and include Angelface Pink (Proven Winners) and Archangel Pink (Ball FloraPlant).

Full sun was too much for the begonias this year. Most were gone by July and Stara Pink and Stara White (Floranova) were the only varieties with a couple of plants still alive by September. In the shade, however, the plants did well. The Big series (Benary) repeated their outstanding performance from last year. The Whopper series (Ball Seed) didn't flower quite as early as the Big, but turned in a stellar season long performance. These begonias are vigorous which seems to translate into excellent performance for us. Another vigorous grower which has done well in my trials before, the Inferno Mix (Sakata), held its own quite well against the new kids on the block.

Bidens is not a plant that I normally plant in the field, but tried them there this year. Bidy Gonzales Trailing (Red Fox by Dummen) and Sunbeam (Ball FloraPlant) held up well until early August before succumbing to the heat. Vigor is an advantage, though containers is probably going to continue to be a better choice for this species.

I only grew coleus in the sun this year. They all looked good going into August, but ColorBlaze Alligator Tears (Proven Winners), Lancelot Velvet Mocha (Proven Winners), and Redhead (Ball) still looked good with minimal flowering for the final evaluation in September.

The field of what we like to call "Baby's Breath" euphorbia continues to expand. Breathless White (Ball) and Diamond Frost (Proven Winners) continued strong while Star Dust White Sparkle (Dummen) and Star Dust Pink Shimmer (Dummen) joined them for solid season long performance.

The world of gaillardia has exploded recently. The improvements get better each year. The best in the pack this year were Arizona Sun (Benary), Galya Corneto Flame (Danziger), Mesa Yellow (Kieft), and Mesa Bicolor Bright (PanAmerican). It is truly remarkable to see gaillardia plants still alive with a few flowers during September in Texas.

Texas is tough on geraniums even in an average summer, but this year was quite the test. Salsarita Pink (Dummen) was truly outstanding going into August, but succumbed to the heat by September. At the end of the season, Frenza Fire (Ball Seed), Pacific White 2011 (Red Fox by Dummen), and a variety found in Victoria, TX now known as Mary Helen were still standing after decent performance all summer. The plants of the Graziosa series (Dummen) did well through the heat, though flowering was low. This was a little surprising given the apparent Martha Washington blood type appearance. In fact, Graziosa Merlot Red (Dummen) and Victoria (aka Mary Helen) were the only two varieties for which all the plants survived the summer.

What a great summer for gomphrena! The heat tolerance that this species exhibits is one of the reasons that it was promoted in Spring 2012 as a Texas Superstar® (see <http://today.agrilife.org/2012/05/21/gomphrena-superstar-2012/>). The plants of all the varieties looked good going into August. The small varieties declined by September, but the vigorous series continued to look great until the end of the season. The top performing series include Las Vegas (Benary), QIS (Kieft), and Audray (Takii). Individual varieties that aren't in a series that were also top performers were Fireworks (Ball), All Around Purple (Sakata), and the Old Garden Form which has been a pass-along plant for many years. The varieties blooming heaviest during the entire season were Audray Bicolor Rose (Takaii), Las Vegas Purple (Benary), and Las Vegas White (Benary). Another reason that this species was named a Texas Superstar® is the terrific introductions that have been made recently. Some great breeding is going on with this crop and I hope it continues.

Even with plenty of shade and water, heat is always hard on impatiens! Standard impatiens looked good until about mid July when plants began going down. Through mid July, top performers were Jambalaya pink (Goldsmith) and Xtreme Pink (Goldsmith). Best season long plant survival was Super Elfin XP Pink (Ball) and Rockapulco Coral Reef (Proven Winners). Flowering was low for the New Guinea impatiens, even for past stalwarts such as Celebrette Appleblossom (Ball) and Super Sonic Magenta (Syngenta Flowers). Varieties with flowering that held up the longest through the season were SunPatiens Compact White (Sakata), SunPatiens Orange Green Leaf (Sakata), and SunPatiens Vigorous White. In the Demonstration Garden, SunPatiens Variegated Spreading White (Sakata) did very well all season long when planted in a wet location with a morning sun only exposure.

I still haven't met an Ipomea that I don't like. They all performed like troopers in the heat. Illusion Garnet Lace (Proven Winners) gets kudos for color. Desana Compact Red (Suntory) gets kudos for color and habit. Sweet Caroline Bewitched Improved (Proven Winners) gets kudos for foliage color and really nice rugose leaf texture. Desana Bronze (Suntory) gets kudos for having beautiful foliage and a few flowers! The grasshoppers appeared to prefer Sweet Caroline Sweetheart Purple (Proven Winners) and Desana Maple (Suntory), but damage was not severe and performance was minimally impacted.

Lantana had a chance to show off its heat tolerance in 2011. Top performers were Lucky Lemon Glow (Ball FloraPlant) with a great combination of yellow and white flower color, Luscious Citrus Blend (Proven Winners) with orange and yellow flower colors that us hot color lovers love, Luscious Grape (Proven Winners) which is a big improvement over the *Lantana montevidensis* that is in the trade, and Bandana White (Syngenta Flowers) which has an exceptional plant habit.

The Napier grasses were tops in the heat. Princess Caroline (University of Georgia) and Vertigo (Proven Winners) continue to impress. Princess and Princess Molly (University of Georgia) were preferred by grasshoppers, but still performed well. The experimentals from the University of Georgia are looking great. Look for more of this plant in the future!

Peppers are always good for the heat. Black Pearl (Ball) and Purple Flash (Ball) are standards for us. Cute Stuff Red and Sweet Heat (both PanAmerican) looked great all season and produced a more edible type pepper for the double duty landscape.

The palette of flower size and color continues to grow in the world of trailing petunias, the only class of petunia that truly takes the summer heat in this part of the country. Supertunia Sangria Charm (Proven Winners) stood out for the 2011 season outperforming stalwarts such as Tidal Wave Silver and Tidal Wave Cherry (both Ball) and Supertunia Vista Fuchsia (Proven Winners). Sangria Charm has smaller flowers, but lots of them and flowered all summer despite the torrid conditions. But there were many other outstanding performers. Bringing some great colors to the table are Opera Supreme Pink Morn (Takii), Surprise Blue Sky (Red Fox by Dummen), and Sweetunia Soft Pink Morning (Red Fox by Dummen). A couple with full sized flowers are Supertunia Lavender Skies (Proven Winners) and Sweetunia Bubble Gum (Red Fox by Dummen). Another with smaller but lots of flowers is Shock Wave Coral Crush (PanAmerican). Bringing a funky look to the table is Supertunia White Russian (Proven Winners). A great new class of outstanding petunias!

Portulaca was born for the heat. The Pazzaz series (Danziger) was outstanding though they all got tired by September. They compared well to Duet Rose N' Yellow (Sakata), an outstanding performer which has done well in past trials.

Scaevola Surdiva Light Blue (Suntory) performed remarkably well through the heat and looked fresh all season long. The low humidity we had last summer must have favored this species. Scala Blue (Red Fox by Dummen) and Surdiva White (Suntory) were not far behind.

There was a great selection of verbena this year and Superbena Coral Red (Proven Winners), Superbena Royale Chambray (Proven Winners), and Temari Cherry Red (Suntory) led the pack. Of note was the steady and high level of flowering seen all summer which is not always the case with verbena. Just behind this group was Temari Blue (Suntory), Temari Hot Pink (Suntory), Superbena Royale Iced Cherry (Proven Winners) – awesome color, Empress Dark Red (Red Fox by Dummen), Empress White (Red Fox by Dummen), and Princess Blue. I have seen a big improvement in heat tolerance in this crop over recent years. I hope the breeders keep up the good work!

It was hot, it was dry, we use drip irrigation. For vinca, this means low disease pressure. Cora White (Goldsmith) led an outstanding field of entries with the highest ratings for each rating date. Right behind Cora White, the Victory series (Sakata) went head to head against the Cora series (Goldsmith) with each full of outstanding performance. The only one I could even begin to pick on is Victory Purple (Sakata), but it still gave a solid performance. We are down to “Which color do you like?”.

Zinnia Profusion Double Fire and Profusion Double White (both Sakata) compared well to trial veteran Profusion Knee High Red (Sakata). The impressive aspect of their performance was the late season flowering. These plants are great for fall and we should do more with them in this part of the country, both summer and fall.

Miscellaneous crops is always fun. I have already mentioned the great bronzy purple foliage of hibiscus Mahogany Splendor (PanAmerican). There were many standards that continued to do well such as cyperus Graceful Grasses Baby Tut (Proven Winners), cleome Senorita Rosalita (Proven Winners), lobularia Snow Princess (Proven Winners), and duranta Gold Edge (GroLink). Melampodium Casino Light Yellow (Yellow) is still one of the best I've grown, but didn't last into the late season this year. One of the best new introductions was Salvia Summer Jewel Red (Takii). I love the compact form and it will take some shade. The flowers fade to a dark pink in the heat of summer, but the color is very nice none the less. Otomeria was a new species to me and I think we have a winner with the O'Premiera series (Danziger). The pink was especially nice. Nierembergia Augusta Blue Skies (Proven Winners) still amazes me with its all season bloom. I have grown mecardonia GoldDust (Proven Winners) in a container where it did well, but this year I saw it perform great in the field as well. Alternanthera Brazilian Red Hots and Snowball (both GroLink) are both terrific foliage plants, the former big and gaudy, the latter small and sophisticated. They love the heat. I also found out this year that echinacea PowWow series (Kieft) does not like full sun in our climate, but does great in shade and partial shade, especially Wild Berry.

High temperatures are rough on containers, especially in full sun. The Potunia series (Red Fox by Dummen) has done well in the past most performed well this year. But Potunia Piccola Blue Ice (Red Fox by Dummen) stood out from the group with high ratings through August and September. The petchoa Supercal

series (Sakata) also held their own with Supercal Blue and Neon Rose (Sakata) taking the lead. This hybrid is a very big step in the right direction for improving Calibrachoa in my opinion. The plug mixes (multi-species per plug) started out with a bang, but many lost their edge in the heat. Exceptions were the Confetti Trio Pismo Beach and Trio Water Colours (Red Fox by Dummen) and the Mixis Shea, Tania, and Tunder (Danziger) which all had solid season long performance. When moving to containers in partial shade, the Rio series looked much better than in full sun. This series was promoted recently as Texas Superstar® plants (see <http://today.agrilife.org/2012/06/21/mandevilla-superstar/>) and is happiest in containers with afternoon shade. And finally, I had to be impressed with heliotropiums Nebelung Nagano (Dummen) and Simply Scentsational (Proven Winners) which not only survived the summer, but gave solid performance. Talk about a great improvement in breeding!

The most impressive thing about the trials in 2011 is that so many plants managed to look so good in such terrible heat! All I can say is that the breeders are doing their job in bringing us plants that thrive in our humid subtropical climate. Keep them coming!





EAST TEXAS ORNAMENTAL PLANT EVALUATIONS
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ANGELONIA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	24-May-11		8-Jun-11		6-Jul-11		1-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Serena Lavender	Ball	5.7	2.3	8.0	1.0	7.0	1.0	7.3	1.7	7.0	1.7
Serena Purple	Ball	6.0	3.0	8.0	2.7	8.0	3.0	8.3	4.7	7.7	6.0
Serena White	Ball	6.7	4.3	8.0	3.3	8.0	2.3	8.3	5.3	8.0	6.0
Archangel Pink	Ball Flora Plant	7.0	4.0	8.0	1.0	8.0	2.7	8.7	6.3	7.0	3.0
Archangel Purple	Ball Flora Plant	6.7	4.7	8.0	1.0	7.0	1.0	7.3	2.0	7.0	1.0
Archangel Raspberry	Ball Flora Plant	5.0	1.7	7.7	1.0	7.0	1.7	7.0	1.7	6.7	2.7
Archangel White	Ball Flora Plant	7.0	5.0	8.0	1.0	7.3	2.3	8.0	5.7	6.3	2.7
Serena Blue	PanAmerican Seed	6.3	3.0	8.0	3.0	8.0	2.7	9.0	6.3	7.7	6.0
Angelface Pink	Proven Winners	6.3	1.7	8.0	1.0	8.0	2.7	8.7	6.3	7.0	4.0

ANGELONIA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	27-Apr-11	27-May-11	8-Jun-11	6-Jul-11	13-Jul-11		1-Aug-11	9-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Serena Lavender	Ball	6.0	6.0	6.0	6.0	44.0	86.0	6.0	6.0		
Serena Purple	Ball	6.0	6.0	6.0	6.0	43.7	74.3	6.0	6.0		
Serena White	Ball	6.0	6.0	6.0	6.0	45.0	82.7	6.0	6.0		
Archangel Pink	Ball Flora Plant	6.0	6.0	6.0	6.0	43.7	82.7	6.0	6.0		
Archangel Purple	Ball Flora Plant	6.0	6.0	6.0	6.0	53.3	81.7	6.0	6.0		
Archangel Raspberry	Ball Flora Plant	6.0	6.0	6.0	6.0	37.0	59.3	6.0	6.0		
Archangel White	Ball Flora Plant	6.0	6.0	6.0	5.7	56.3	74.0	5.0	5.0		
Serena Blue	PanAmerican Seed	6.0	6.0	6.0	6.0	42.3	75.0	6.0	6.0		
Angelface Pink	Proven Winners	6.0	6.0	6.0	6.0	53.0	84.7	6.0	6.0		



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BEGONIA (SHADE) PERFORMANCE SUMMARY, SUMMER 2011

Cultivar	Company	2-Jun-11		16-Jun-11		12-Jul-11		10-Aug-11		14-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Whopper Red Bronze Leaf	Ball Seed	7.0	1.3	8.3	4.0	9.3	7.3	9.0	7.0	6.3	3.7
Whopper Red Green Leaf	Ball Seed	7.3	3.0	9.0	5.3	9.3	7.3	9.7	7.7	7.0	4.0
Whopper Rose Bronze Leaf	Ball Seed	7.0	2.3	9.0	5.7	9.7	8.0	9.3	7.3	8.0	5.3
Whopper Rose Green Leaf	Ball Seed	7.3	3.0	9.3	6.7	10.0	8.0	9.7	7.7	7.3	5.0
Big Red Bronze Leaf	Benary	7.0	4.3	9.3	7.3	10.0	8.3	9.3	7.3	7.0	3.0
Big Red Green Leaf	Benary	8.0	4.3	9.0	6.7	9.7	8.0	9.0	7.0	7.7	5.7
Big Rose Bronze Leaf	Benary	7.0	4.0	9.3	7.0	10.0	8.3	9.3	7.3	6.3	4.3
Fairyland Mix	Floranova	6.7	4.0	7.7	7.0	10.0	9.3	8.0	6.7	4.5	3.5
Stara Pink	Floranova	8.0	5.3	9.7	7.7	10.0	8.7	10.0	8.7	7.3	4.3
Stara White	Floranova	7.7	4.0	10.0	8.0	10.0	9.3	9.7	8.3	7.3	5.7
Inferno Mix	Sakata	7.0	4.7	8.7	6.7	9.7	8.3	10.0	8.0	6.0	4.3

BEGONIA (SHADE) MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	12-May-11	2-Jun-11	16-Jun-11	12-Jul-11	19-Jul-11		10-Aug-11	14-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Whopper Red Bronze Leaf	Ball Seed	6.0	6.0	6.0	6.0	54.0	66.7	6.0	6.0		
Whopper Red Green Leaf	Ball Seed	6.0	6.0	6.0	6.0	58.0	68.7	6.0	6.0		
Whopper Rose Bronze Leaf	Ball Seed	6.0	6.0	6.0	6.0	55.7	67.7	6.0	6.0		
Whopper Rose Green Leaf	Ball Seed	6.0	6.0	6.0	6.0	54.3	73.7	6.0	6.0		
Big Red Bronze Leaf	Benary	6.0	6.0	6.0	6.0	53.0	68.0	6.0	6.0		
Big Red Green Leaf	Benary	6.0	6.0	6.0	6.0	52.3	69.3	6.0	6.0		
Big Rose Bronze Leaf	Benary	6.0	6.0	6.0	6.0	55.0	69.7	6.0	6.0		
Fairyland Mix	Floranova	6.0	6.0	6.0	6.0	50.7	69.0	6.0	3.0		
Stara Pink	Floranova	6.0	6.0	6.0	6.0	56.7	64.7	6.0	6.0		
Stara White	Floranova	6.0	6.0	6.0	6.0	54.7	70.0	6.0	6.0		
Inferno Mix	Sakata	6.0	6.0	6.0	6.0	56.7	69.0	6.0	6.0		



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BEGONIA (SUN) PERFORMANCE SUMMARY, SUMMER 2011

Cultivar	Company	1-Jun-11		16-Jun-11		12-Jul-11		14-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Whopper Red Bronze Leaf	Ball Seed	6.7	1.7	6.0	2.3	2.3	1.3	1.0	1.0
Whopper Red Green Leaf	Ball Seed	6.3	2.0	7.3	3.7	1.3	1.0	1.0	1.0
Whopper Rose Bronze Leaf	Ball Seed	7.0	2.0	7.3	4.0	3.3	2.0	1.0	1.0
Whopper Rose Green Leaf	Ball Seed	6.7	2.3	6.0	3.7	1.3	1.3	1.0	1.0
Big Red Bronze Leaf	Benary	5.3	1.7	5.7	4.0	4.3	3.0	1.0	1.0
Big Red Green Leaf	Benary	6.7	3.7	7.3	6.7	5.3	3.7	1.0	1.0
Big Rose Bronze Leaf	Benary	6.7	3.3	7.0	5.7	5.0	4.3	1.0	1.0
Fairyland Mix	Floranova	5.0	4.3	3.3	4.0	1.0	1.0	1.0	1.0
Stara Pink	Floranova	6.7	3.7	8.7	7.3	7.3	6.0	3.3	3.0
Stara White	Floranova	6.3	3.3	7.0	6.0	7.3	5.7	1.7	1.3
Inferno Mix	Sakata	6.7	4.3	6.3	4.0	3.7	2.7	1.0	1.0

BEGONIA (SUN) MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	4-May-11	1-Jun-11	16-Jun-11	12-Jul-11	18-Jul-11		10-Aug-11	14-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Whopper Red Bronze Leaf	Ball Seed	6.0	5.7	5.0	1.0	27.0	28.0	0.0	0.0
Whopper Red Green Leaf	Ball Seed	6.0	5.7	5.7	0.3	.	.	0.0	0.0
Whopper Rose Bronze Leaf	Ball Seed	6.0	5.7	5.3	2.3	27.5	33.5	0.0	0.0
Whopper Rose Green Leaf	Ball Seed	6.0	6.0	4.7	1.0	.	.	0.0	0.0
Big Red Bronze Leaf	Benary	6.0	6.0	5.0	4.0	21.3	34.3	0.3	0.0
Big Red Green Leaf	Benary	6.0	6.0	6.0	4.0	22.0	41.3	0.3	0.0
Big Rose Bronze Leaf	Benary	6.0	6.0	5.7	3.3	29.0	44.5	1.0	0.0
Fairyland Mix	Floranova	6.0	6.0	3.3	0.0	.	.	0.0	0.0
Stara Pink	Floranova	6.0	5.7	5.7	4.7	30.0	48.3	2.0	2.0
Stara White	Floranova	6.0	5.3	5.7	4.7	35.0	55.7	2.3	2.0
Inferno Mix	Sakata	6.0	6.0	5.0	2.0	30.0	48.0	0.3	0.0



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BIDES PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	26-May-11		8-Jun-11		2-Aug-11		9-Sep-11	
			Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Bidens	Sunbeam	Ball Flora Plant	8.3	6.0	8.0	2.7	6.7	1.0	1.0	1.0
Bidens	Bidy Gonzales	Red Fox by Dummen	6.3	5.7	7.0	1.3	3.3	1.0	1.0	1.0
Bidens	Bidy Gonzales Big	Red Fox by Dummen	7.3	5.7	7.0	2.3	2.7	1.0	1.0	1.0
Bidens	Bidy Gonzales Trailing	Red Fox by Dummen	8.0	6.7	8.3	5.0	5.0	1.0	1.0	1.0
Sanvitalia	Sunvy Super Gold	Red Fox by Dummen	7.7	6.7	7.7	4.3	1.0	1.0	1.0	1.0

BIDENS MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Crop	Cultivar	Company	27-Apr-11	26-May-11	8-Jun-11	13-Jul-11		2-Aug-11	9-Sep-11
			Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Bidens	Sunbeam	Ball Flora Plant	6.0	6.0	6.0	24.0	87.7	6.0	0.0
Bidens	Bidy Gonzales	Red Fox by Dummen	4.7	4.7	4.7	16.7	50.7	2.7	0.0
Bidens	Bidy Gonzales Big	Red Fox by Dummen	5.3	5.3	5.3	11.0	58.0	2.0	0.0
Bidens	Bidy Gonzales Trailing	Red Fox by Dummen	5.7	5.7	5.7	8.7	64.7	4.0	0.0
Sanvitalia	Sunvy Super Gold	Red Fox by Dummen	5.7	5.7	5.7	5.7	45.0	0.0	0.0



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COLEUS PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	26-May-11		8-Jun-11		7-Jul-11		2-Aug-11		9-Sep-11
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating
Henna	Ball	6.3	1.0	8.0	1.0	7.7	1.0	8.0	1.0	4.0
Redhead	Ball	6.0	1.0	8.0	1.0	10.0	1.0	10.0	1.0	8.3
Sultana	Ball Flora Plant	7.3	1.0	10.0	1.0	10.0	1.0	10.0	5.0	5.3
Wasabi	Ball Flora Plant	8.3	1.0	9.7	1.0	10.0	1.0	9.3	1.0	6.0
ColorBlaze™ Alligator Tears	Proven Winners	6.7	1.0	9.0	1.0	10.0	1.0	10.0	1.7	7.3
ColorBlaze™ Mariposa	Proven Winners	7.0	1.0	8.3	1.0	8.7	1.0	9.0	3.7	6.0
ColorBlaze™ Rebel Rouser	Proven Winners	6.7	1.0	8.0	1.0	10.0	1.0	10.0	2.7	5.3
ColorBlaze™ Royal Glissade	Proven Winners	8.0	1.0	9.7	1.0	9.3	1.0	7.3	1.0	2.7
Lancelot Velvet Mocha	Proven Winners	6.7	1.0	10.0	1.0	10.0	1.0	10.0	1.0	7.3

COLEUS MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	28-Apr-11	26-May-11	8-Jun-11	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Henna	Ball	3.0	3.0	3.0	3.0	51.3	77.7	3.0	2.7
Redhead	Ball	4.0	4.0	4.0	4.0	59.3	85.7	4.0	4.0
Sultana	Ball Flora Plant	4.0	4.0	4.0	4.0	66.0	82.7	4.0	4.0
Wasabi	Ball Flora Plant	4.0	4.0	4.0	4.0	64.0	104.7	4.0	4.0
ColorBlaze™ Alligator Tears	Proven Winners	4.0	4.0	4.0	4.0	50.7	92.3	4.0	4.0
ColorBlaze™ Mariposa	Proven Winners	4.0	4.0	4.0	4.0	55.3	99.3	4.0	4.0
ColorBlaze™ Rebel Rouser	Proven Winners	4.0	4.0	4.0	4.0	67.0	92.7	4.0	4.0
ColorBlaze™ Royal Glissade	Proven Winners	4.0	4.0	4.0	4.0	50.7	83.3	3.3	1.3
Lancelot Velvet Mocha	Proven Winners	4.0	4.0	4.0	4.0	52.0	68.3	4.0	4.0



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CONTAINER, FULL SHADE PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	17-Jun-11		19-Jul-11			
			Performance Rating	Flower Rating	Performance Rating	Flower Rating		
Begonia	Million Kisses Amour	Ball Seed	6.7	5.0	4.3	1.0		
Begonia	Million Kisses Devotion	Ball Seed	8.7	6.3	6.7	4.7		
Begonia	Million Kisses Elegance	Ball Seed	7.0	3.7	7.3	3.3		
Begonia	Million Kisses Romance	Ball Seed	8.3	5.7	6.3	3.3		
Begonia	Sherbet Bon Bon	Ball Seed	6.0	2.5	5.5	1.5		
Begonia	Red Baron 2011	Dummen	7.7	6.7	6.3	4.3		
Begonia	Rhine Nadine	Dummen	8.0	7.0	5.7	1.7		
Begonia	Rhine Dragone Pink Hope	Dummen	8.7	6.7	7.0	4.7		
Begonia	Rhine Dragone Sunset	Dummen	8.0	6.3	6.0	3.7		
Begonia	Solenia Light Yellow	Dummen	6.0	5.0	3.7	2.0		
Begonia	Solenia Red	Dummen	8.3	6.3	6.7	4.7		
Begonia	Solenia Soft Pink	Dummen	9.0	7.7	6.7	3.7		
Fuschia	Patio Princess	Aretes by Dummen	6.7	5.3	2.7	1.3		
Fuschia	President George Bartlett	Aretes by Dummen	6.0	4.3	3.3	3.0		
Fuschia	Upright Ernie	Aretes by Dummen	5.7	5.0	5.0	2.7		
Fuschia	Upright Jollies Nantes	Aretes by Dummen	5.7	5.7	5.3	5.0		
Fuschia	Dollar Princess	Dummen	7.3	6.0	4.0	2.7		

CONTAINER, FULL SHADE MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Crop	Cultivar	Company	17-Jun-11		19-Jul-11	27-Jul-11		
			Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Width (cm)
Begonia	Million Kisses Amour	Ball Seed	3.0	3.0	2.7	9.7	29.3	21.0
Begonia	Million Kisses Devotion	Ball Seed	3.0	3.0	3.0	16.0	45.3	44.3
Begonia	Million Kisses Elegance	Ball Seed	3.0	3.0	3.0	19.7	42.0	38.7
Begonia	Million Kisses Romance	Ball Seed	3.0	3.0	3.0	19.0	46.3	43.7
Begonia	Sherbet Bon Bon	Ball Seed	3.0	3.0	3.0	10.5	32.0	33.0
Begonia	Red Baron 2011	Dummen	3.0	3.0	3.0	27.3	33.3	38.7
Begonia	Rhine Nadine	Dummen	3.0	3.0	3.0	24.0	40.0	52.0
Begonia	Rhine Dragone Pink Hope	Dummen	3.0	3.0	3.0	24.3	51.3	43.3
Begonia	Rhine Dragone Sunset	Dummen	3.0	3.0	2.7	24.0	34.0	40.0
Begonia	Solenia Light Yellow	Dummen	3.0	2.7	1.7	15.0	26.0	24.7
Begonia	Solenia Red	Dummen	3.0	3.0	3.0	27.3	42.7	39.3
Begonia	Solenia Soft Pink	Dummen	3.0	3.0	3.0	27.7	42.3	39.0
Fuschia	Patio Princess	Aretes by Dummen	3.0	3.0	1.0	20.0	46.3	32.0
Fuschia	President George Bartlett	Aretes by Dummen	3.0	3.0	2.0	14.7	29.0	35.0
Fuschia	Upright Ernie	Aretes by Dummen	3.0	3.0	3.0	21.7	30.7	29.0
Fuschia	Upright Jollies Nantes	Aretes by Dummen	3.0	3.0	2.7	23.0	31.3	28.7
Fuschia	Dollar Princess	Dummen	3.0	3.0	2.0	12.0	43.0	49.3



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CONTAINER, FULL SUN PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	10-Jun-11		19-Jul-11		18-Aug-11		15-Sep-11	
			Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Calibrachoa	Superbells Blackberry Punch	Proven Winners	5.7	1.7	6.0	3.3	7.7	6.3	6.3	1.7
Calibrachoa	Superbells Cherry Star	Proven Winners	5.3	2.7	4.3	2.3	3.3	1.3	3.3	1.3
Calibrachoa	Superbells Coralberry Punch	Proven Winners	6.0	4.7	3.0	2.0	2.0	1.0	1.0	1.0
Calibrachoa	Superbells Grape Punch	Proven Winners	6.3	3.0	7.3	5.7	6.7	3.7	6.3	2.0
Calibrachoa	Aloha Blue Sky	Red Fox by Dummen	5.3	4.0	1.0	1.0	1.7	1.7	1.3	1.3
Calibrachoa	Aloha Neon	Red Fox by Dummen	3.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0
Calibrachoa	Aloha Pink	Red Fox by Dummen	6.0	2.7	4.7	2.0	4.0	3.0	3.7	3.0
Calibrachoa	Aloha Pink Vulcano	Red Fox by Dummen	5.0	2.7	3.0	1.3	2.3	1.7	2.3	1.7
Calibrachoa	Aloha Purple	Red Fox by Dummen	5.3	4.0	4.7	2.7	3.3	1.3	2.0	1.3
Calibrachoa	Aloha Red	Red Fox by Dummen	4.0	2.3	3.7	1.7	3.3	1.7	2.3	1.7
Calibrachoa	Aloha Tiki Orange	Red Fox by Dummen	5.0	1.3	4.3	1.7	4.3	2.0	3.3	1.3
Calibrachoa	Aloha Tiki Soft Pink	Red Fox by Dummen	7.0	5.7	2.7	1.0	2.7	1.0	3.0	1.3
Calibrachoa	Experimental 1		6.0	4.0	6.0	3.3	3.3	1.7	1.3	1.0
Calibrachoa	Experimental 2		6.3	4.3	2.0	1.0	2.0	1.3	1.0	1.0
Confetti -	Confetti - Aloha Hawaiian Flamingo	Red Fox by Dummen	8.0	5.0	6.7	2.3	5.7	2.0	5.0	2.7
Confetti -	Confetti - Aloha Hawaiian Kiss	Red Fox by Dummen	8.0	5.0	7.3	4.7	6.3	2.0	5.7	2.3
Confetti -	Confetti - Duo Pet Potunia Passion	Red Fox by Dummen	10.0	9.7	7.0	6.7	6.3	6.7	5.3	5.3
Confetti -	Confetti - Empress Liberty	Red Fox by Dummen	7.0	2.7	6.7	4.3	7.3	6.0	6.7	5.0
Confetti -	Confetti - Trio Nightlight	Red Fox by Dummen	9.3	7.7	7.3	5.7	7.3	4.7	6.0	3.7
Confetti -	Confetti - Trio Pismo Beach	Red Fox by Dummen	9.3	8.3	8.0	7.0	7.3	6.7	7.0	5.3
Confetti -	Confetti - Trio Purple Cleopatra	Red Fox by Dummen	9.3	8.7	7.7	6.3	7.0	6.0	6.3	5.3
Confetti -	Confetti - Trio Water Colours	Red Fox by Dummen	10.0	9.3	8.7	8.3	6.7	4.7	7.3	5.7
Mandevilla	Rio Deep Red	Syngenta Flowers	6.3	3.3	7.7	5.3	7.3	5.7	5.3	2.7
Mandevilla	Rio Hot Pink	Syngenta Flowers	6.0	1.7	6.0	2.3	5.3	3.0	3.7	2.7
Mandevilla	Rio Pink	Syngenta Flowers	6.7	2.7	7.3	4.3	7.3	4.3	6.3	2.0
Mixis	Calista	Danziger	8.7	7.0	8.7	7.0	6.7	5.3	6.3	3.0
Mixis	Carita	Danziger	8.3	7.0	7.3	6.0	5.3	4.3	6.3	4.3
Mixis	Celinette	Danziger	8.0	6.3	7.3	5.0	5.7	3.0	4.0	2.0
Mixis	Cerylia	Danziger	7.7	6.3	8.0	6.3	6.0	4.0	6.0	4.0
Mixis	Cleantha	Danziger	8.0	6.3	7.0	3.0	6.3	2.3	5.0	2.3
Mixis	Cybeline	Danziger	7.3	4.7	8.3	6.0	6.7	4.7	7.0	4.7
Mixis	Patriot	Danziger	8.0	6.0	7.7	5.3	6.3	2.0	7.3	5.0
Mixis	Shea	Danziger	7.3	5.3	9.3	9.0	8.3	7.7	8.7	7.7
Mixis	Tania	Danziger	7.7	6.3	8.3	7.0	7.3	5.3	8.0	7.0
Mixis	Tatiana	Danziger	6.7	5.0	8.3	7.7	7.0	6.0	7.0	5.7
Mixis	Tunder	Danziger	7.7	7.3	8.0	7.0	7.0	5.0	8.0	6.7
Petchoa	Supercal Blue	Sakata	7.0	5.7	6.0	4.0	7.3	6.7	6.7	4.3
Petchoa	Supercal Neon Rose	Sakata	7.3	6.3	6.7	4.0	7.0	6.0	6.0	5.7
Petchoa	Supercal Pink Ice	Sakata	7.3	6.7	7.0	4.3	7.0	5.3	6.0	4.0
Petchoa	Supercal Purple	Sakata	7.7	5.7	6.3	2.0	6.3	5.0	6.0	3.7
Petchoa	Supercal Terracotta	Sakata	6.7	5.0	3.0	1.0	2.7	1.3	1.0	1.0
Petunia, Container	Potunia Dark Red	Red Fox by Dummen	8.0	8.0	8.0	7.7	7.3	7.0	5.7	5.3
Petunia, Container	Potunia Papaya	Red Fox by Dummen	9.3	9.0	7.7	7.0	6.7	6.7	6.7	6.7
Petunia, Container	Potunia Pink	Red Fox by Dummen	6.7	5.3	5.0	5.0	3.7	3.3	2.0	1.7
Petunia, Container	Potunia Yellow	Red Fox by Dummen	8.0	8.3	7.0	7.3	6.7	6.3	3.0	2.7
Petunia, Container	Potunia Piccola Blue Ice	Red Fox by Dummen	9.0	9.7	8.7	7.7	8.0	8.7	8.3	8.3
Petunia, Container	Potunia Piccola Purple Ice	Red Fox by Dummen	9.3	9.3	7.0	6.3	7.0	7.3	6.3	6.0
Petunia, Container	Potunia Piccola Royal Pink	Red Fox by Dummen	7.0	6.3	6.7	6.3	4.3	3.3	4.0	3.7
Petunia, Container	Experimental 1		7.3	8.3	7.3	7.3	8.0	8.0	7.0	7.0
Petunia, Container	Experimental 2		7.3	6.7	4.3	4.0	2.3	2.3	1.7	1.3



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CONTAINER, FULL SUN MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Crop	Cultivar	Company	Stand Count	7-Jun-11	10-Jun-11	19-Jul-11	25-Jul-11			18-Aug-11	15-Sep-11
				Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Width (cm)	Stand Count	Stand Count
Calibrachoa	Superbells Blackberry Punch	Proven Winners	3.0	3.0	3.0	3.0	14.3	43.3	49.3	3.0	3.0
Calibrachoa	Superbells Cherry Star	Proven Winners	3.0	3.0	3.0	2.7	11.7	33.0	43.0	2.0	1.7
Calibrachoa	Superbells Coralberry Punch	Proven Winners	3.0	3.0	2.7	1.7	15.0	38.0	41.5	0.7	0.0
Calibrachoa	Superbells Grape Punch	Proven Winners	3.0	3.0	3.0	3.0	18.0	37.0	44.0	3.0	3.0
Calibrachoa	Aloha Blue Sky	Red Fox by Dummen	3.0	2.3	1.7	0.7	6.0	40.0	33.0	0.7	0.3
Calibrachoa	Aloha Neon	Red Fox by Dummen	3.0	2.3	1.0	0.0	14.0	31.0	34.0	0.0	0.0
Calibrachoa	Aloha Pink	Red Fox by Dummen	3.0	3.0	3.0	2.3	14.0	34.0	32.5	2.0	1.7
Calibrachoa	Aloha Pink Vulcano	Red Fox by Dummen	3.0	3.0	3.0	2.0	13.0	34.5	23.5	1.0	1.0
Calibrachoa	Aloha Purple	Red Fox by Dummen	3.0	2.3	2.3	2.3	20.7	39.0	46.7	1.7	1.7
Calibrachoa	Aloha Red	Red Fox by Dummen	3.0	2.3	2.0	2.0	11.5	41.5	32.0	2.0	1.7
Calibrachoa	Aloha Tiki Orange	Red Fox by Dummen	3.0	3.0	2.3	2.0	17.5	42.5	35.0	2.0	1.7
Calibrachoa	Aloha Tiki Soft Pink	Red Fox by Dummen	3.0	3.0	2.7	1.0	14.0	53.0	48.0	0.7	0.7
Calibrachoa	Experimental 1		3.0	3.0	3.0	3.0	12.7	26.7	34.7	2.0	1.3
Calibrachoa	Experimental 2		3.0	3.0	2.8	1.3	13.7	34.3	30.0	0.5	0.0
Confetti -	Confetti - Aloha Hawaiian Flamingo	Red Fox by Dummen	3.0	3.0	3.0	3.0	12.7	49.0	45.3	3.0	2.7
Confetti -	Confetti - Aloha Hawaiian Kiss	Red Fox by Dummen	3.0	3.0	3.0	3.0	17.0	50.7	54.3	3.0	3.0
Confetti -	Confetti - Duo Pet Potunia Passion	Red Fox by Dummen	3.0	3.0	3.0	3.0	25.7	61.3	55.3	3.0	3.0
Confetti -	Confetti - Empress Liberty	Red Fox by Dummen	3.0	3.0	3.0	3.0	36.0	46.0	61.7	3.0	3.0
Confetti -	Confetti - Trio Nightlight	Red Fox by Dummen	3.0	3.0	3.0	3.0	23.7	50.7	55.3	3.0	2.3
Confetti -	Confetti - Trio Pismo Beach	Red Fox by Dummen	3.0	3.0	3.0	3.0	21.3	50.3	52.0	3.0	3.0
Confetti -	Confetti - Trio Purple Cleopatra	Red Fox by Dummen	3.0	3.0	3.0	3.0	24.7	53.0	59.3	3.0	3.0
Confetti -	Confetti - Trio Water Colours	Red Fox by Dummen	3.0	3.0	3.0	3.0	23.7	53.7	53.7	3.0	3.0
Mandevilla	Rio Deep Red	Syngenta Flowers	3.0	3.0	3.0	3.0	34.0	42.0	42.3	3.0	3.0
Mandevilla	Rio Hot Pink	Syngenta Flowers	3.0	3.0	3.0	2.3	32.7	29.3	37.0	2.3	2.0
Mandevilla	Rio Pink	Syngenta Flowers	3.0	3.0	3.0	3.0	30.7	41.7	37.7	3.0	3.0
Mixis	Calista	Danziger	3.0	3.0	3.0	3.0	22.3	55.7	54.3	3.0	3.0
Mixis	Carita	Danziger	3.0	3.0	3.0	3.0	23.0	51.0	60.0	3.0	3.0
Mixis	Celinette	Danziger	3.0	3.0	3.0	3.0	21.7	39.3	53.7	3.0	2.7
Mixis	Cerylia	Danziger	3.0	3.0	3.0	3.0	24.7	48.7	50.0	3.0	3.0
Mixis	Cleantha	Danziger	3.0	3.0	3.0	3.0	21.3	42.7	51.3	3.0	3.0
Mixis	Cybeline	Danziger	3.0	3.0	3.0	3.0	20.0	44.0	53.0	3.0	3.0
Mixis	Patriot	Danziger	3.0	3.0	3.0	3.0	13.3	54.0	52.0	3.0	3.0
Mixis	Shea	Danziger	3.0	3.0	3.0	3.0	26.0	46.0	54.3	3.0	3.0
Mixis	Tania	Danziger	3.0	3.0	3.0	3.0	22.7	47.0	52.0	3.0	3.0
Mixis	Tatiana	Danziger	3.0	3.0	3.0	3.0	16.0	49.7	47.7	3.0	2.7
Mixis	Tunder	Danziger	3.0	3.0	3.0	3.0	24.0	47.3	49.3	3.0	3.0
Petchoa	Supercal Blue	Sakata	3.0	3.0	3.0	3.0	18.7	43.7	60.0	3.0	3.0
Petchoa	Supercal Neon Rose	Sakata	3.0	3.0	3.0	3.0	24.0	56.7	49.0	3.0	3.0
Petchoa	Supercal Pink Ice	Sakata	3.0	3.0	3.0	3.0	23.3	52.7	60.0	3.0	3.0
Petchoa	Supercal Purple	Sakata	3.0	3.0	3.0	3.0	17.0	46.3	52.7	3.0	3.0
Petchoa	Supercal Terracotta	Sakata	3.0	3.0	3.0	1.0	28.0	42.0	43.0	1.0	0.0
Petunia, Container	Potunia Dark Red	Red Fox by Dummen	3.0	3.0	3.0	3.0	22.0	44.0	56.7	3.0	2.3
Petunia, Container	Potunia Papaya	Red Fox by Dummen	3.0	3.0	3.0	3.0	19.0	43.7	50.3	3.0	3.0
Petunia, Container	Potunia Pink	Red Fox by Dummen	3.0	3.0	3.0	3.0	12.0	38.7	27.3	1.3	0.7
Petunia, Container	Potunia Yellow	Red Fox by Dummen	3.0	3.0	3.0	3.0	22.0	42.7	47.7	3.0	2.0
Petunia, Container	Potunia Piccola Blue Ice	Red Fox by Dummen	3.0	3.0	3.0	3.0	25.7	51.0	54.7	3.0	3.0
Petunia, Container	Potunia Piccola Purple Ice	Red Fox by Dummen	3.0	3.0	3.0	3.0	20.7	50.7	53.0	3.0	3.0
Petunia, Container	Potunia Piccola Royal Pink	Red Fox by Dummen	3.0	3.0	3.0	3.0	14.3	40.0	38.7	3.0	2.0
Petunia, Container	Experimental 1		3.0	3.0	3.0	3.0	16.7	40.7	47.3	3.0	3.0
Petunia, Container	Experimental 2		3.0	3.0	3.0	3.0	19.3	36.7	38.0	1.3	1.0



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CONTAINER, PARTIAL SHADE PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	10-Jun-11		19-Jul-11		18-Aug-11		15-Sep-11	
			Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Bacopa	Bahia Lavender Blue	Red Fox by Dummen	5.3	1.0	6.7	2.3	7.0	2.0	6.3	4.3
Bacopa	Bahia White	Red Fox by Dummen	6.3	2.0	7.0	3.0	7.0	1.3	6.7	3.3
Bacopa	Bahia White Night	Red Fox by Dummen	6.0	2.0	7.0	3.0	7.0	1.0	6.0	1.7
Heliotropium	Nebelung Nagano	Dummen	7.0	5.0	6.7	5.3	7.7	4.3	7.0	4.7
Heliotropium	Simply Scentsational	Proven Winners	7.0	2.7	6.7	5.3	7.3	7.0	6.3	6.0
Lobelia	Hot Artic Blue	Westflowers by Dummen	7.7	6.0	8.3	8.3	4.3	4.7	4.3	4.7
Lobelia	Hot Tiger Eyes	Westflowers by Dummen	8.0	6.3	7.3	7.0	3.7	2.7	3.0	2.7
Lobelia	Hot Waterblue Impr.	Westflowers by Dummen	7.3	7.3	3.7	4.7	4.0	4.0	4.0	4.0
Lobelia	Superstar	Westflowers by Dummen	7.0	6.7	3.0	3.0	1.7	1.3	1.0	1.0
Mandevilla	Rio Deep Red	Syngenta Flowers	6.7	2.7	8.0	5.7	8.3	5.3	8.7	6.0
Mandevilla	Rio Hot Pink	Syngenta Flowers	6.0	2.0	7.0	4.0	7.0	3.3	7.0	2.7
Mandevilla	Rio Pink	Syngenta Flowers	6.0	2.0	7.7	4.7	7.7	4.0	8.7	4.3
Nemesia**	Experimental		5.3	1.0	3.7	2.7	1.0	1.0	1.0	1.0

CONTAINER, PARTIAL SHADE MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Crop	Cultivar	Company	10-Jun-11		19-Jul-11	27-Jul-11			18-Aug-11	15-Sep-11
			Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Width (cm)	Stand Count	Stand Count
Bacopa	Bahia Lavender Blue	Red Fox by Dummen	3.0	3.0	3.0	20.7	61.7	57.0	3.0	3.0
Bacopa	Bahia White	Red Fox by Dummen	3.0	3.0	3.0	22.7	58.7	64.7	3.0	3.0
Bacopa	Bahia White Night	Red Fox by Dummen	3.0	2.7	2.7	20.3	62.0	60.7	2.7	2.7
Heliotropium	Nebelung Nagano	Dummen	3.0	3.0	3.0	31.0	50.0	45.7	3.0	3.0
Heliotropium	Simply Scentsational	Proven Winners	3.0	3.0	3.0	46.0	61.7	62.3	3.0	3.0
Lobelia	Hot Artic Blue	Westflowers by Dummen	3.0	3.0	3.0	29.0	53.3	60.0	2.0	2.0
Lobelia	Hot Tiger Eyes	Westflowers by Dummen	3.0	3.0	3.0	25.0	55.3	58.0	0.7	0.7
Lobelia	Hot Waterblue Impr.	Westflowers by Dummen	3.0	3.0	1.3	22.7	31.0	33.7	1.0	1.0
Lobelia	Superstar	Westflowers by Dummen	3.0	3.0	1.7	19.0	37.0	35.0	1.0	0.0
Mandevilla	Rio Deep Red	Syngenta Flowers	3.0	3.0	3.0	34.0	53.3	40.3	3.0	3.0
Mandevilla	Rio Hot Pink	Syngenta Flowers	3.0	3.0	3.0	42.0	50.3	45.7	3.0	3.0
Mandevilla	Rio Pink	Syngenta Flowers	3.0	3.0	3.0	53.3	60.3	43.3	3.0	3.0
Nemesia**	Experimental		3.0	3.0	1.7	26.3	36.3	30.0	0.0	0.0



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DEMONSTRATION GARDEN PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	28-Jun-11		21-Jul-11		22-Aug-11		19-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Agastache	Apricot Nectar	1.0	1.0	.	.	.	.	.	.
Agastache	Grape Nectar	4.0	2.0	2.0	1.0	4.0	1.0	.	.
Canna	Tropical Bronze Scarlet	6.0	1.0	6.0	3.0	5.0	2.0	1.0	1.0
Coreopsis	Coloropsis Jive	4.0	1.0	1.0	1.0	1.0	.	.	.
Coreopsis	Coloropsis Salsa	7.0	6.0	7.0	6.0	3.0	2.0	.	.
Coreopsis Grandiflora	Solanna Golden Ball	7.0	7.0	7.0	7.0	6.0	2.0	7.0	2.0
Coreopsis Grandiflora	Solanna Golden Crown	7.0	4.0	8.0	5.0	7.0	2.0	7.0	1.0
Coreopsis Grandiflora	Solanna Golden Hoop	8.0	7.0	9.0	7.0	8.0	3.0	8.0	3.0
Coreopsis Grandiflora	Solanna Golden Ziti	6.0	5.0	8.0	5.0	6.0	1.0	7.0	2.0
Dahlia	Benito	6.5	1.5	7.5	1.5	7.0	4.0	3.0	1.0
Dahlia	Durango	5.5	1.5	7.5	2.0	6.0	1.0	4.5	1.5
Dahlia	Mayo	5.5	1.5	4.5	1.0	7.0	2.0	3.0	1.0
Dahlia	Paraiso	5.0	1.0	6.0	1.0	6.0	1.0	4.0	1.0
Dahlia	Playa	4.5	1.0	5.5	1.0	3.5	1.0	4.0	1.0
Dahlia	Veracruz	6.0	1.0	7.0	1.5	1.0	1.0	1.0	1.0
Dahlia	Hidalgo	4.5	1.0	6.0	1.0	4.5	1.5	4.0	1.0
Dahlia	Paramo	6.5	3.0	7.0	1.5	6.0	1.0	1.5	1.0
Echinacea	Pow Wow White	5.0	1.0	7.0	7.0	6.0	3.0	7.0	4.0
Echinacea	Pow Wow White older	10.0	8.0	8.0	4.0	6.0	1.0	4.0	2.0
Echinacea	Pow Wow Wild Berry	6.0	2.0	8.0	6.0	5.0	1.0	6.0	3.0
Echinacea	Pow Wow Wild Berry older	10.0	10.0	7.0	3.0	7.0	4.0	3.0	2.0
Gaillardia	Arizona Apricot	5.0	2.0	3.0	1.0	.	.	1.0	1.0
Gaillardia	Arizona Red Shades	4.0	1.0	4.0	1.0	.	.	2.0	1.0
Gaillardia	Galya Amber Spark	7.0	7.0	7.0	7.0	3.0	3.0	2.0	2.0
Gaillardia	Galya Blazing Sun	5.0	4.0	7.0	6.0	4.0	3.0	5.0	3.0
Gaillardia	Galya Coral Spark	7.0	7.0	5.0	4.0	4.0	2.0	2.0	2.0
Gaillardia	Galya Corneto Flame	7.0	7.0	8.0	6.0	7.0	5.0	7.0	6.0
Gaillardia	Galya Corneto Yellow	6.0	5.0	7.0	7.0	5.0	2.0	2.0	2.0
Gaillardia	Galya Red Head	7.0	6.0	8.0	5.0	6.0	2.0	7.0	5.0
Gaillardia	Galya Red Spark	7.0	7.0	7.0	6.0	4.0	3.0	4.0	3.0
Gaillardia	Galya Tangerine Spark	5.0	3.0	4.0	3.0	.	.	1.0	1.0
Gaillardia	Galya Wild Fire	6.0	3.0	5.0	3.0	6.0	1.0	7.0	4.0
Gaillardia	Galya Yellow Spark	6.0	6.0	7.0	8.0	4.0	3.0	4.0	3.0
Gaillardia	Mesa Bicolor Bright	.	.	4.0	1.0	.	.	3.0	1.0
Gaillardia	Mesa Yellow	3.0	2.0	3.0	2.0	.	.	3.0	1.0
Geranium	Victoria	9.5	7.5	9.0	5.0	4.5	1.5	5.0	1.5
Gerbera	Funtastic Blush	6.0	2.5	6.3	1.7	6.5	1.5	6.5	1.0
Gerbera	Funtastic Mango	8.0	4.0	6.5	2.5	8.0	5.0	5.0	1.5
Gerbera	Funtastic White	7.0	4.0	5.3	1.0	5.0	1.0	4.7	1.0
Graceful Grasses	Blue Mohawk	7.0	1.0	8.0	1.0	8.0	.	9.0	.
Heuchera	Dolce Black Currant	4.7	1.0	5.0	1.0	3.7	.	3.5	.
Heuchera	Dolce Crème Brulee	3.7	1.0	4.0	1.0	3.0	.	3.5	.
Heuchera	Dolce Key Lime Pie	6.0	1.0	6.7	1.0	6.3	.	5.7	.
Heuchera	Dolce Peach Melba	4.7	1.0	5.7	1.0	5.0	.	5.0	.
Impatiens, hybrida	SunPatiens, Compact Blush Pink	6.0	5.0	5.0	2.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Compact Coral	.	.	.	.	.	.	.	.
Impatiens, hybrida	SunPatiens, Compact Deep Rose	.	.	.	.	.	.	.	.
Impatiens, hybrida	SunPatiens, Compact Lilac	3.0	3.0	2.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Compact Magenta	.	.	.	.	.	.	.	.
Impatiens, hybrida	SunPatiens, Compact Orange	.	.	.	.	.	.	.	.
Impatiens, hybrida	SunPatiens, Compact White	.	.	.	.	.	.	.	.
Impatiens, hybrida	SunPatiens, Spreading Corona Green	6.0	2.0	3.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Spreading Red	6.0	3.0	1.0	1.0
Impatiens, hybrida	SunPatiens, Variegated Spreading Sa	7.0	6.0	5.0	1.0	.	.	2.0	1.0



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DEMONSTRATION GARDEN PERFORMANCE SUMMARY , SUMMER 2011

Impatiens, hybrida	SunPatiens, Variegated Spreading White	10.0	8.0	10.0	9.0	9.0	8.0	7.0	5.0
Impatiens, hybrida	SunPatiens, Vigorous Coral	10.0	8.0	9.0	7.0	6.0	6.0	.	.
Impatiens, hybrida	SunPatiens, Vigorous Lavender	7.0	4.0	5.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Vigorous Magenta	7.0	4.0	5.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Vigorous Orange Green I	8.0	7.0	4.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Vigorous Pink	6.0	1.0	2.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Vigorous Red	7.0	4.0	2.0	1.0	.	.	.	.
Impatiens, hybrida	SunPatiens, Vigorous White	8.0	4.0	6.0	1.0	.	.	.	.
Incarvillea	Chevron Pink	3.5	1.5	6.0	3.0	7.0	3.0	7.0	4.0
Incarvillea	Chevron White	6.0	2.0	5.0	1.5	5.0	2.0	3.0	2.0
Lantana	Dallas Red	6.0	4.0	8.0	8.0	.	.	8.0	6.0
Lantana	Bandana Cherry Sunrise	7.0	1.0	9.0	7.0	.	.	7.0	1.0
Lantana	Bandana White	5.0	2.0	9.0	8.0	.	.	10.0	8.0
Lantana	Lucky Lemon Glow	7.0	6.0	7.0	3.0	7.0	2.0	9.0	7.0
Lantana	Lucky Pot o' Gold	7.5	5.5	8.0	7.0	7.0	2.5	9.0	6.5
Lantana	Luscious Citrus Blend	7.0	7.0	9.0	7.0	9.0	7.0	9.0	7.0
Lantana	Luscious Grape	8.5	6.5	9.0	6.5	8.5	6.0	8.5	6.0
Lantana	Luscious Lemonade	7.0	5.0	9.0	8.0	8.0	6.0	10.0	8.0
Lantana	Luscious Tropical Fruit	8.0	6.0	9.0	6.0	8.0	2.0	8.0	6.0
Mandevilla	Sun Parasol Giant White	6.0	1.3	6.0	2.3	5.7	2.0	4.7	1.0
Phygelius	CandyDrops Deep Rose	5.7	2.3	4.0	1.3	5.0	2.0	3.5	1.0
Phygelius	CandyDrops Tangerine	4.3	1.0	3.3	1.7	3.0	1.0	3.0	1.5
Salvia	Cislano	4.7	1.0	5.0	1.0	7.0	1.0	6.0	2.7
Salvia	Furman's Red	6.0	1.0	4.0	1.0	2.0	1.0	1.0	.
Salvia	Raspberry	5.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0
Salvia	Sierra San Antonio	6.0	2.0	5.0	2.0	5.0	1.0	6.0	1.0
Verbena	Aztec Burgundy	2.0	1.0	1.0	1.0	1.0	.	.	.
Verbena	Empress Dark Red	6.0	3.0	5.0	2.0	6.0	2.0	5.0	2.0
Verbena	Empress Dark Red Charme	1.0	1.0	1.0	1.0	1.0	.	.	.
Verbena	Empress Lavender	2.0	2.0	2.0	1.0	2.0	.	.	.
Verbena	Empress Purple	5.0	3.0	6.0	7.0	7.0	3.0	7.0	5.0
Verbena	Empress Salmon Pink	3.0	1.0	4.0	3.0	3.0	.	.	.
Verbena	Empress Soft Pink	2.0	2.0	3.0	3.0	3.0	.	3.0	2.0
Verbena	Empress Violet Blue Charme	3.0	2.0	10.0	8.0	8.0	5.0	7.0	3.0
Verbena	Empress White	7.0	7.0	7.0	6.0	7.0	3.0	6.0	2.0
Verbena	Empress Burgundy	.	.	.	.	.	.	.	.
Verbena	Princess Blue	5.0	3.5	5.0	4.0	.	.	5.0	2.0
Verbena	Princess Rose	6.0	2.0	5.0	2.0	.	.	7.0	2.0
Verbena	Superbena Burgundy	8.0	6.0	7.0	3.0	4.0	2.0	4.0	1.0
Verbena	Superbena Coral Red	9.0	7.0	8.0	5.0	.	.	7.0	4.0
Verbena	Superbena Large Lilac Blue	10.0	8.0	8.0	4.0	1.0	.	.	.
Verbena	Superbena Royale Chambray	6.0	2.0	8.0	6.0	7.0	2.0	.	.
Verbena	Superbena Royale Peachy Keen	3.0	2.0	2.0	2.0	1.0	1.0	.	.
Verbena	Tapien Purple	5.0	5.0	7.0	6.0	6.0	3.0	4.0	2.0
Verbena	Temari Blue	5.0	3.0	9.0	7.0	9.0	7.0	8.0	5.0
Verbena	Temari Cherry Red	6.0	6.0	6.0	3.0	7.0	4.0	7.0	4.0
Verbena	Temari Hot Pink	8.0	7.0	8.0	6.0	5.0	3.0	.	.
Verbena	Tukana Scarlet Star	3.0	1.0	4.0	2.0



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EUPHORBIA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	1-Jun-11		17-Jun-11		12-Jul-11		8-Aug-11		13-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Breathless White	Ball	6.7	4.3	8.3	8.3	10.0	9.7	8.3	7.3	4.7	3.7
Diwali Mystery	Danziger	.	.	5.7	4.7	6.0	4.7	6.7	4.7	3.3	2.7
Diwali Shower	Danziger	.	.	5.7	4.0	6.0	3.7	5.7	2.3	1.7	1.0
Silver Fog	Dummen	5.7	3.7	7.0	5.7	7.0	7.7	6.3	4.7	2.3	1.7
Star Dust Star Dust Pink Shimmer	Dummen	6.7	4.0	7.7	7.3	8.0	5.3	7.7	4.3	5.0	4.0
Star Dust Star Dust White Sparkle	Dummen	5.7	3.7	6.0	3.3	6.7	3.3	7.0	4.3	5.7	3.0
German White Hip Hop	Gro Link	.	.	4.7	2.3	5.0	2.0	5.7	2.0	1.7	1.3
White Manaus	Gro Link	.	.	5.3	4.3	5.7	4.7	6.3	5.3	3.0	3.7
Diamond Frost	Proven Winners	6.0	4.0	7.3	7.7	8.3	8.7	8.3	7.3	5.0	5.7
Experimental 1		5.3	3.3	6.7	6.7	7.0	7.0	3.7	1.7	1.0	1.0
Experimental 2		6.0	2.7	6.7	3.0	7.3	3.0	7.7	3.3	5.3	3.0

EUPHORBIA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	13-May-11	1-Jun-11	2-Jun-11	17-Jun-11	12-Jul-11	18-Jul-11		8-Aug-11	13-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Breathless White	Ball	4.0	4.0	4.0	4.0	4.0	27.0	55.7	4.0	3.7
Diwali Mystery	Danziger	.	.	4.0	4.0	4.0	25.3	48.3	4.0	3.3
Diwali Shower	Danziger	.	.	4.0	4.0	4.0	21.7	53.0	4.0	3.0
Silver Fog	Dummen	4.0	4.0	4.0	4.0	4.0	21.3	46.0	4.0	3.3
Star Dust Star Dust Pink Shimmer	Dummen	4.0	4.0	4.0	4.0	4.0	34.0	57.3	4.0	4.0
Star Dust Star Dust White Sparkle	Dummen	4.0	4.0	4.0	4.0	4.0	18.7	48.7	4.0	4.0
German White Hip Hop	Gro Link	.	.	4.0	4.0	4.0	18.7	43.7	4.0	2.3
White Manaus	Gro Link	.	.	4.0	4.0	4.0	29.3	51.0	4.0	1.7
Diamond Frost	Proven Winners	4.0	4.0	4.0	4.0	4.0	26.0	53.0	3.7	3.0
Experimental 1		4.0	4.0	4.0	4.0	4.0	21.3	47.3	2.7	0.0
Experimental 2		4.0	4.0	4.0	4.0	4.0	27.7	60.0	4.0	3.7



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GAILARDIA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	1-Jun-11		17-Jun-11		12-Jul-11		8-Aug-11		13-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Arizona Apricot	Benary	5	1	7	3.5	6.5	3	7	3.5	4	1.5
Arizona Red Shades	Benary	5.5	1.5	7	3.5	8	4.5	7.5	3.5	4.5	1
Arizona Sun	Benary	5	1	6.5	2	8.5	7	8	4.5	5.5	2
Galya Amber Spark	Danziger	.	.	7	4.5	6.5	4.5	4	2.5	1	1
Galya Blazing Sun	Danziger	.	.	7	4.5	8	7	7.5	4.5	4	1.5
Galya Coral Spark	Danziger	.	.	6.5	3	7	6	6.5	4	3.5	2.5
Galya Corneto Flame	Danziger	.	.	7	4.5	9	6	8	5	4.5	2
Galya Corneto Yellow	Danziger	.	.	7	5	7	5.5	7	3.5	5	1
Galya Red Head	Danziger	.	.	7	5	7	5	7	3	5.5	1.5
Galya Red Spark	Danziger	.	.	7	6.5	7	5	6.5	3.5	1	1
Galya Tangerine Spark	Danziger	.	.	7	5.5	7.5	6.5	6.5	4	4.5	2
Galya Wild Fire	Danziger	.	.	6.5	4	6.5	2.5	7.5	4	7	2
Galya Yellow Spark	Danziger	.	.	7	6.5	7.5	7	6.5	4.5	4	3
Mesa Yellow	Kieft	5	1	7	2.5	8.5	7	8.5	6	6	2
Mesa Bicolor Bright	PanAmerican Seed	5	1	6.5	1.5	9.5	8	8.5	5	7	2.5

GAILARDIA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	19-May-11	1-Jun-11	2-Jun-11	17-Jun-11	12-Jul-11	18-Jul-11		8-Aug-11	13-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Arizona Apricot	Benary	6	6	6	6	6	24.5	58.5	6	4.5
Arizona Red Shades	Benary	6	6	6	4.5	4.5	28	55	4.5	4.5
Arizona Sun	Benary	6	6	6	4.5	4.5	32	66	4.5	4.5
Galya Amber Spark	Danziger	.	.	6	6	6	25.5	44	6	0
Galya Blazing Sun	Danziger	.	.	6	6	6	25.5	56	6	6
Galya Coral Spark	Danziger	.	.	6	6	6	23	60.5	6	4
Galya Corneto Flame	Danziger	.	.	6	6	6	35	59.5	6	6
Galya Corneto Yellow	Danziger	.	.	6	6	6	29	56.5	6	6
Galya Red Head	Danziger	.	.	6	6	4.5	28	60	4.5	4.5
Galya Red Spark	Danziger	.	.	6	6	6	27	51.5	6	1
Galya Tangerine Spark	Danziger	.	.	6	6	6	33	56	6	6
Galya Wild Fire	Danziger	.	.	6	6	6	24.5	66	6	6
Galya Yellow Spark	Danziger	.	.	6	6	6	25.5	56.5	6	4.5
Mesa Yellow	Kieft	6	6	6	6	6	30	63	6	6
Mesa Bicolor Bright	PanAmerican Seed	6	6	6	6	6	30.5	67.5	6	6



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GERANIUM PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	6/1/2011		6/9/2011		7/7/2011		8/4/2011		9/13/2011	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Frenza Dark Red	Ball Seed	7.3	5.3	8.3	6.7	7.0	4.3	6.0	1.3	1.3	1.0
Frenza Fire	Ball Seed	7.3	6.7	8.0	7.7	6.7	5.0	5.7	1.3	4.7	2.0
Frenza Hot Coral	Ball Seed	6.3	3.7	7.3	6.3	5.0	2.3	3.7	1.3	1.0	1.0
Cumbanita Dark Red	Dummen	8.0	5.7	8.7	7.3	6.3	2.3	5.7	1.3	1.0	1.0
Cumbanita Deep Rose	Dummen	7.3	5.7	8.0	7.0	6.3	3.7	3.7	1.3	1.0	1.0
Graziosa Merlot Red	Dummen	6.0	1.3	6.0	1.3	7.0	3.0	6.7	1.3	6.0	1.0
Graziosa Royal Lilac	Dummen	5.7	1.0	6.0	1.3	6.0	2.7	5.3	1.7	3.7	1.3
Graziosa Royal Salmon	Dummen	6.0	1.3	7.0	2.3	6.7	2.7	5.3	2.3	2.7	1.0
Graziosa Royal White	Dummen	5.0	1.0	7.0	5.0	6.7	3.0	6.3	2.0	4.7	1.0
Salsarita Dark Red	Dummen	7.3	3.3	8.0	6.0	8.0	4.3	6.7	1.7	1.0	1.0
Salsarita Pink	Dummen	8.0	6.3	9.7	8.7	10.0	8.7	7.0	2.0	1.0	1.0
Atlantic Red	Red Fox by Dummen	7.3	5.3	8.3	7.0	6.3	3.7	6.0	1.7	2.0	1.0
Atlantic White	Red Fox by Dummen	6.7	4.0	7.0	4.7	5.0	1.7	3.7	1.0	2.3	1.0
Pacific Hot Pink	Red Fox by Dummen	7.0	4.0	7.7	6.0	5.7	2.3	3.7	1.0	1.0	1.0
Pacific White 2011	Red Fox by Dummen	7.0	5.0	7.3	5.7	8.0	6.3	6.7	1.3	4.3	1.0
Savannah Dark Red	Red Fox by Dummen	7.3	4.7	7.7	6.0	6.3	2.7	5.7	1.7	2.0	1.0
Savannah Lavender Splash	Red Fox by Dummen	7.3	5.7	8.0	7.0	6.3	4.0	6.3	1.7	1.0	1.0
Savannah Merlot Sizzle	Red Fox by Dummen	6.7	3.7	7.0	5.3	5.0	1.3	4.3	1.0	1.3	1.0
Savannah Pink Sizzle	Red Fox by Dummen	7.3	5.3	8.3	6.7	7.3	4.3	6.0	1.7	2.0	1.0
Savannah Punch	Red Fox by Dummen	7.3	5.3	8.0	6.3	6.7	3.3	6.0	1.3	2.7	1.0
Savannah Red	Red Fox by Dummen	7.3	5.0	8.0	7.0	6.0	3.0	6.0	2.0	1.7	1.0
Savannah White	Red Fox by Dummen	7.0	5.0	8.0	7.0	6.3	4.7	5.3	2.0	2.0	1.0
Savannah White Splash Impr	Red Fox by Dummen	6.7	3.7	7.3	6.0	5.0	1.7	3.7	1.3	1.0	1.0
Survivor Cherry Red 09	Red Fox by Dummen	7.3	5.7	7.7	5.0	6.0	4.7	5.3	1.7	1.0	1.0
Survivor Dark Red 09	Red Fox by Dummen	7.7	5.7	8.3	7.7	7.0	4.3	6.0	1.3	1.0	1.0
Survivor Fuchsia	Red Fox by Dummen	7.0	5.3	7.7	7.0	5.0	1.7	4.3	1.3	1.0	1.0
Survivor Hot Pink	Red Fox by Dummen	7.0	5.0	7.7	6.3	5.7	2.0	4.7	1.7	2.7	1.3
Survivor Marine	Red Fox by Dummen	6.3	4.3	6.3	4.3	5.0	2.0	3.7	1.0	1.0	1.0
Survivor Pink	Red Fox by Dummen	7.0	5.0	7.3	6.7	5.7	2.0	4.0	2.0	1.0	1.0
Survivor Salmon Pink	Red Fox by Dummen	6.7	5.0	7.7	6.3	6.0	2.0	5.7	1.7	1.3	1.0
Survivor Salmon Sensation	Red Fox by Dummen	7.7	6.3	9.0	7.3	7.3	4.7	6.7	2.0	1.0	1.0
Survivor White	Red Fox by Dummen	7.0	5.7	7.7	6.7	6.3	3.3	4.7	1.0	2.3	1.0
Ville de Rheinberg Brilliant	Red Fox by Dummen	6.3	4.0	6.3	5.0	5.3	2.3	1.0	1.0	1.0	1.0
Calliope Dark Red	Syngenta Flowers	6.7	2.3	7.3	4.0	7.0	4.0	7.0	2.3	1.3	1.0
Rocky Mountain Red	Syngenta Flowers	6.7	3.7	6.3	4.0	5.3	2.0	5.0	2.7	2.0	1.0
Experimental 1		7.3	5.7	8.0	6.7	5.7	1.7	5.3	1.0	1.0	1.0
Experimental 2		6.0	1.3	6.0	1.0	7.0	2.3	7.0	3.3	3.3	1.0
Victoria		6.7	2.0	7.0	2.0	9.3	7.7	7.7	2.7	6.7	1.7



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GERANIUM MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

		5/12/2011	6/1/2011	6/9/2011	7/7/2011	7/13/2011		8/4/2011	9/13/2011	
Cultivar	Company	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count	
Frenza Dark Red	Ball Seed	4.0	4.0	4.0	4.0	24.3	57.0	4.0	0.3	
Frenza Fire	Ball Seed	4.0	4.0	4.0	4.0	19.7	48.0	4.0	3.3	
Frenza Hot Coral	Ball Seed	4.0	4.0	4.0	4.0	17.0	40.3	3.7	0.0	
Cumbanita Dark Red	Dummen	4.0	4.0	4.0	4.0	22.7	56.7	4.0	0.0	
Cumbanita Deep Rose	Dummen	4.0	4.0	4.0	4.0	18.7	41.0	3.3	0.0	
Graziosa Merlot Red	Dummen	4.0	4.0	4.0	4.0	34.7	56.7	4.0	4.0	
Graziosa Royal Lilac	Dummen	4.0	4.0	4.0	4.0	36.0	51.7	3.7	3.3	
Graziosa Royal Salmon	Dummen	4.0	4.0	4.0	4.0	20.7	49.3	3.7	1.3	
Graziosa Royal White	Dummen	4.0	4.0	4.0	4.0	28.7	54.3	4.0	3.0	
Salsarita Dark Red	Dummen	4.0	4.0	4.0	4.0	18.7	51.3	4.0	0.3	
Salsarita Pink	Dummen	4.0	4.0	4.0	4.0	30.7	68.7	4.0	0.0	
Atlantic Red	Red Fox by Dummen	4.0	4.0	4.0	4.0	18.3	42.7	4.0	2.7	
Atlantic White	Red Fox by Dummen	4.0	4.0	4.0	4.0	21.7	47.7	2.3	1.3	
Pacific Hot Pink	Red Fox by Dummen	4.0	4.0	4.0	4.0	13.0	42.7	2.7	0.0	
Pacific White 2011	Red Fox by Dummen	4.0	4.0	4.0	4.0	24.0	49.3	4.0	3.3	
Savannah Dark Red	Red Fox by Dummen	4.0	4.0	4.0	4.0	28.0	44.3	4.0	1.3	
Savannah Lavender Splash	Red Fox by Dummen	4.0	4.0	4.0	4.0	18.3	50.7	3.7	0.0	
Savannah Merlot Sizzle	Red Fox by Dummen	4.0	4.0	4.0	4.0	22.7	50.0	3.7	1.0	
Savannah Pink Sizzle	Red Fox by Dummen	4.0	4.0	4.0	4.0	17.7	47.7	3.7	1.3	
Savannah Punch	Red Fox by Dummen	4.0	4.0	4.0	4.0	26.7	39.0	3.7	2.0	
Savannah Red	Red Fox by Dummen	4.0	4.0	4.0	4.0	15.7	47.3	4.0	1.0	
Savannah White	Red Fox by Dummen	4.0	4.0	4.0	4.0	20.7	36.7	4.0	1.0	
Savannah White Splash Impr	Red Fox by Dummen	4.0	4.0	4.0	4.0	13.3	29.0	2.7	0.0	
Survivor Cherry Red 09	Red Fox by Dummen	4.0	4.0	4.0	4.0	18.7	46.0	4.0	0.0	
Survivor Dark Red 09	Red Fox by Dummen	4.0	4.0	4.0	4.0	19.3	58.0	4.0	0.0	
Survivor Fuchsia	Red Fox by Dummen	4.0	4.0	4.0	4.0	16.7	55.3	4.0	0.0	
Survivor Hot Pink	Red Fox by Dummen	4.0	4.0	4.0	4.0	15.0	45.7	3.7	3.3	
Survivor Marine	Red Fox by Dummen	4.0	4.0	4.0	3.7	14.7	43.0	3.7	0.0	
Survivor Pink	Red Fox by Dummen	4.0	4.0	4.0	4.0	16.7	40.7	3.7	0.0	
Survivor Salmon Pink	Red Fox by Dummen	4.0	4.0	4.0	4.0	20.0	47.0	4.0	0.3	
Survivor Salmon Sensation	Red Fox by Dummen	4.0	4.0	4.0	4.0	18.3	41.3	3.7	0.0	
Survivor White	Red Fox by Dummen	4.0	4.0	4.0	4.0	19.3	56.3	3.7	2.0	
Ville de Rheinberg Brilliant	Red Fox by Dummen	4.0	4.0	4.0	4.0	14.0	35.0	1.0	0.0	
Calliope Dark Red	Syngenta Flowers	4.0	4.0	4.0	4.0	24.3	55.7	4.0	0.3	
Rocky Mountain Red	Syngenta Flowers	4.0	4.0	4.0	4.0	22.3	51.3	4.0	2.0	
Experimental 1		4.0	4.0	4.0	4.0	15.3	44.3	4.0	0.0	
Experimental 2		4.0	4.0	4.0	4.0	27.7	44.0	3.7	2.3	
Victoria		4.0	4.0	4.0	4.0	29.0	53.7	4.0	4.0	



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GOMPHRENA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	1-Jun-11		9-Jun-11		7-Jul-11		4-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Fireworks	Ball	7.3	3.3	10.0	8.0	9.7	8.0	8.3	5.7	8.0	8.3
Buddy Purple	Benary	6.0	3.3	7.0	6.7	9.7	8.7	9.7	9.3	3.7	5.0
Buddy Rose	Benary	6.0	4.0	7.0	8.0	9.3	9.7	9.7	10.0	3.0	3.0
Buddy White	Benary	6.3	4.3	7.0	7.7	10.0	10.0	9.7	9.7	2.0	3.0
Las Vegas Pink	Benary	7.7	6.0	9.7	9.0	10.0	10.0	8.0	9.3	4.3	5.0
Las Vegas Purple	Benary	7.7	6.7	9.7	9.3	10.0	9.7	9.7	9.0	8.3	9.0
Las Vegas White	Benary	7.7	6.3	10.0	9.3	10.0	10.0	10.0	10.0	7.7	8.3
QIS Carmine	Kieft	7.0	3.3	10.0	8.3	10.0	9.0	9.3	8.3	8.3	7.7
QIS Orange	Kieft	5.7	3.0	7.7	7.0	9.0	7.7	8.3	7.3	6.7	7.0
QIS Red	Kieft	6.7	3.7	9.3	8.0	10.0	9.0	9.7	8.0	7.7	7.3
All Around Purple	Sakata	7.7	6.0	10.0	8.3	10.0	8.7	10.0	9.3	7.7	7.7
Gnome Pink	Sakata	5.7	4.0	7.0	7.0	8.7	8.7	9.7	9.7	4.3	4.3
Gnome Purple	Sakata	6.0	3.3	7.0	6.0	9.7	8.3	10.0	9.7	5.7	6.7
Gnome White	Sakata	6.0	4.0	7.0	7.7	10.0	9.7	10.0	10.0	4.3	5.0
Audray Bicolor Rose	Takii	7.3	4.7	9.7	7.7	9.0	7.3	8.3	9.0	7.3	8.3
Audray Pink	Takii	6.7	2.3	8.7	6.7	9.0	6.3	8.3	6.3	8.0	8.7
Audray Purple Red	Takii	7.3	3.0	9.0	7.3	8.7	7.0	9.7	8.0	8.3	8.7
Audray White	Takii	7.0	2.0	9.0	6.7	8.7	6.0	9.0	6.3	9.0	8.7
Old Garden Form		4.7	1.7	7.0	4.7	9.0	6.7	9.7	7.7	9.0	9.3



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GOMPHRENA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	4-May-11	1-Jun-11	9-Jun-11	7-Jul-11	13-Jul-11		4-Aug-11	9-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Fireworks	Ball	6.0	6.0	6.0	6.0	95.0	244.5	6.0	6.0		
Buddy Purple	Benary	6.0	6.0	6.0	6.0	33.5	107.0	6.0	6.0		
Buddy Rose	Benary	6.0	6.0	6.0	6.0	30.5	100.0	6.0	6.0		
Buddy White	Benary	6.0	6.0	6.0	6.0	36.0	116.0	6.0	6.0		
Las Vegas Pink	Benary	6.0	6.0	6.0	6.0	59.5	175.5	6.0	6.0		
Las Vegas Purple	Benary	6.0	6.0	6.0	6.0	65.5	185.0	6.0	6.0		
Las Vegas White	Benary	6.0	6.0	6.0	6.0	66.0	171.0	6.0	6.0		
QIS Carmine	Kieft	6.0	6.0	6.0	6.0	65.5	174.0	6.0	6.0		
QIS Orange	Kieft	6.0	6.0	6.0	6.0	46.5	129.0	6.0	6.0		
QIS Red	Kieft	6.0	6.0	6.0	6.0	73.0	148.5	6.0	6.0		
All Around Purple	Sakata	6.0	6.0	6.0	6.0	77.5	189.0	6.0	6.0		
Gnome Pink	Sakata	6.0	5.7	5.7	5.7	55.5	102.0	5.7	5.7		
Gnome Purple	Sakata	6.0	6.0	6.0	6.0	32.0	126.0	6.0	6.0		
Gnome White	Sakata	6.0	6.0	6.0	6.0	40.0	115.5	6.0	6.0		
Audray Bicolor Rose	Takii	6.0	6.0	6.0	5.7	56.0	166.0	5.7	5.7		
Audray Pink	Takii	6.0	6.0	6.0	6.0	61.5	167.0	6.0	6.0		
Audray Purple Red	Takii	6.0	6.0	6.0	6.0	70.0	164.0	6.0	6.0		
Audray White	Takii	6.0	6.0	6.0	6.0	76.0	161.0	6.0	6.0		
Old Garden Form		6.0	5.7	5.7	5.7	65.5	146.5	5.7	5.7		



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IMPATIENS, NEW GUINEA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	1-Jun-11		17-Jun-11		12-Jul-11		10-Aug-11		13-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Celebrette Appleblossom	Ball	5.3	3.0	4.0	3.0	1.3	1.3	1.0	1.0	1.0	1.0
Sun Harmony Magenta	Danziger	.	.	5.7	2.7	4.7	2.7	1.7	1.3	1.0	1.0
Sun Harmony Orange	Danziger	.	.	6.0	3.0	4.0	2.0	1.0	1.0	1.0	1.0
Sun Harmony Purple	Danziger	.	.	5.0	2.0	4.7	2.7	3.3	1.0	1.0	1.0
Sun Harmony Salmon	Danziger	.	.	5.7	2.7	3.3	1.7	1.3	1.0	1.0	1.0
Infinity Electric Cherry	Proven Winners	6.0	3.0	5.3	4.0	3.0	1.3	1.0	1.0	1.0	1.0
Infinity Electric Coral	Proven Winners	6.0	3.7	5.3	3.0	2.0	1.0	1.0	1.0	1.0	1.0
Infinity Lavender Improved	Proven Winners	6.0	2.7	5.0	2.7	1.7	1.7	1.0	1.0	1.0	1.0
Infinity Salmon Bisque	Proven Winners	6.0	2.7	6.3	4.3	3.0	1.3	1.0	1.0	1.0	1.0
Magnum Blue	Red Fox by Dummen	6.7	3.7	5.7	4.7	2.0	1.0	1.0	1.0	1.0	1.0
Magnum Fire	Red Fox by Dummen	6.7	2.7	6.3	4.0	1.3	1.0	1.0	1.0	1.0	1.0
Magnum Peach	Red Fox by Dummen	6.7	3.3	6.3	5.0	3.3	1.3	1.0	1.0	1.0	1.0
Magnum Salmon	Red Fox by Dummen	7.3	3.3	6.3	4.0	3.0	1.3	1.0	1.0	1.0	1.0
Magnum White Blush	Red Fox by Dummen	6.0	3.0	6.7	6.3	3.3	1.3	1.0	1.0	1.0	1.0
Magnum Pink	Red Fox by Dummen	7.3	3.7	6.3	3.3	2.0	1.7	1.0	1.0	1.0	1.0
Magnum Purple	Red Fox by Dummen	6.3	3.3	6.0	4.3	1.3	1.0	1.0	1.0	1.0	1.0
SunPatiens, Compact Blush Pink	Sakata	7.0	3.0	8.3	7.3	7.0	4.7	1.0	1.0	1.0	1.0
SunPatiens, Compact Coral	Sakata	6.7	3.0	7.0	6.3	7.3	5.3	3.0	1.7	1.0	1.0
SunPatiens, Compact Deep Rose	Sakata	6.0	3.0	6.7	6.3	6.7	4.3	3.3	2.3	1.0	1.0
SunPatiens, Compact Lilac	Sakata	7.0	3.0	7.7	7.3	5.7	3.7	2.3	1.3	1.0	1.0
SunPatiens, Compact Magenta	Sakata	6.3	3.0	7.3	6.7	7.7	5.3	4.0	2.7	1.3	1.0
SunPatiens, Compact Orange	Sakata	6.3	3.0	6.7	5.3	7.7	5.7	1.3	1.3	1.0	1.0
SunPatiens, Compact White	Sakata	7.0	3.3	7.3	6.7	8.3	6.3	6.0	4.3	2.3	1.0
SunPatiens, Spreading Corona Green Leaf	Sakata	7.0	4.7	8.7	8.3	7.7	5.3	2.7	2.0	1.0	1.0
SunPatiens, Spreading Red	Sakata	7.0	3.3	8.0	6.3	7.7	5.0	3.7	2.3	2.0	1.3
SunPatiens, Variegated Spreading Salmon	Sakata	7.0	3.7	8.3	5.3	7.0	3.0	1.7	1.0	1.0	1.0
SunPatiens, Variegated Spreading White	Sakata	7.0	4.0	8.3	7.7	7.3	4.7	1.7	1.3	1.0	1.0
SunPatiens, Vigorous Coral	Sakata	7.3	3.7	9.7	8.0	7.7	4.7	1.7	1.0	1.0	1.0
SunPatiens, Vigorous Lavender	Sakata	7.0	3.0	8.3	7.7	7.0	5.3	1.3	1.0	1.0	1.0
SunPatiens, Vigorous Magenta	Sakata	8.0	3.7	8.7	6.7	7.3	5.7	1.7	1.0	1.0	1.0
SunPatiens, Vigorous Orange Green Leaf	Sakata	7.3	4.3	9.0	8.0	10.0	8.0	5.0	5.0	1.0	1.0
SunPatiens, Vigorous Pink	Sakata	7.0	3.3	8.0	7.0	7.0	5.7	2.7	1.7	1.0	1.0
SunPatiens, Vigorous Red	Sakata	7.0	4.0	7.3	6.7	4.7	1.7	1.3	1.0	1.0	1.0
SunPatiens, Vigorous White	Sakata	7.7	4.0	9.7	7.7	8.3	6.7	6.0	5.0	2.0	1.3
Super Sonic Magenta	Syngenta Flowers	6.0	2.3	5.7	4.3	1.3	1.0	1.0	1.0	1.0	1.0
Experimental 1		7.3	3.3	7.0	5.7	3.0	1.7	1.0	1.0	1.0	1.0
Experimental 2		6.7	3.0	6.0	5.0	4.3	2.0	1.0	1.0	1.0	1.0



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IMPATIENS, NEW GUINEA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	12-May-11	1-Jun-11	2-Jun-11	17-Jun-11	12-Jul-11	19-Jul-11		10-Aug-11	13-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Celebrette Appleblossom	Ball	4.0	4.0	4.0	3.0	1.7	25.7	44.0	0.0	0.0
Sun Harmony Magenta	Danziger	.	.	4.0	4.0	3.3	42.0	57.7	2.0	0.0
Sun Harmony Orange	Danziger	.	.	4.0	4.0	4.0	29.7	49.3	0.0	0.0
Sun Harmony Purple	Danziger	.	.	4.0	3.7	3.3	15.0	57.3	2.7	0.0
Sun Harmony Salmon	Danziger	.	.	4.0	3.7	2.7	28.7	48.3	0.3	0.0
Infinity Electric Cherry	Proven Winners	4.0	4.0	4.0	3.0	3.0	24.3	37.7	0.0	0.0
Infinity Electric Coral	Proven Winners	4.0	4.0	4.0	3.3	1.7	24.7	54.3	0.0	0.0
Infinity Lavender Improved	Proven Winners	4.0	4.0	4.0	3.3	2.0	25.0	43.7	0.0	0.0
Infinity Salmon Bisque	Proven Winners	4.0	4.0	4.0	4.0	3.7	13.0	40.7	0.0	0.0
Magnum Blue	Red Fox by Dummen	4.0	4.0	4.0	3.7	2.0	14.3	45.7	0.0	0.0
Magnum Fire	Red Fox by Dummen	4.0	4.0	4.0	4.0	1.3	17.7	46.0	0.0	0.0
Magnum Peach	Red Fox by Dummen	4.0	4.0	4.0	4.0	2.3	31.7	49.3	0.0	0.0
Magnum Salmon	Red Fox by Dummen	4.0	4.0	4.0	3.3	2.7	35.0	51.3	0.0	0.0
Magnum White Blush	Red Fox by Dummen	4.0	4.0	4.0	3.7	3.0	19.3	39.0	0.0	0.0
Magnum Pink	Red Fox by Dummen	4.0	4.0	4.0	3.3	2.3	27.7	43.7	0.0	0.0
Magnum Purple	Red Fox by Dummen	4.0	4.0	4.0	3.7	2.0	16.7	49.7	0.0	0.0
SunPatiens, Compact Blush Pink	Sakata	4.0	4.0	4.0	4.0	3.7	36.3	64.7	0.0	0.0
SunPatiens, Compact Coral	Sakata	4.0	4.0	4.0	4.0	4.0	40.0	61.7	2.3	0.0
SunPatiens, Compact Deep Rose	Sakata	4.0	4.0	4.0	4.0	3.3	43.3	63.3	1.3	0.3
SunPatiens, Compact Lilac	Sakata	4.0	4.0	4.0	4.0	3.7	33.7	58.7	1.3	0.0
SunPatiens, Compact Magenta	Sakata	4.0	4.0	4.0	4.0	4.0	27.7	44.0	2.7	0.3
SunPatiens, Compact Orange	Sakata	4.0	4.0	4.0	4.0	4.0	31.7	49.7	1.7	0.0
SunPatiens, Compact White	Sakata	4.0	4.0	4.0	4.0	4.0	39.0	63.7	3.3	1.3
SunPatiens, Spreading Corona Green Leaf	Sakata	4.0	4.0	4.0	4.0	4.0	34.7	55.3	2.0	0.0
SunPatiens, Spreading Red	Sakata	4.0	4.0	4.0	4.0	4.0	19.3	38.7	3.0	1.3
SunPatiens, Variegated Spreading Salmon	Sakata	4.0	4.0	4.0	4.0	3.7	28.3	54.3	0.7	0.0
SunPatiens, Variegated Spreading White	Sakata	4.0	4.0	4.0	4.0	3.7	41.0	67.0	1.0	0.0
SunPatiens, Vigorous Coral	Sakata	4.0	4.0	4.0	4.0	4.0	41.0	62.7	0.3	0.0
SunPatiens, Vigorous Lavender	Sakata	4.0	4.0	4.0	4.0	3.7	41.3	66.0	1.0	0.0
SunPatiens, Vigorous Magenta	Sakata	4.0	4.0	4.0	4.0	3.7	44.7	58.7	2.0	0.0
SunPatiens, Vigorous Orange Green Leaf	Sakata	4.0	4.0	4.0	4.0	4.0	29.3	49.0	3.3	0.7
SunPatiens, Vigorous Pink	Sakata	4.0	4.0	4.0	4.0	3.7	39.7	68.7	1.3	0.0
SunPatiens, Vigorous Red	Sakata	4.0	4.0	4.0	4.0	2.7	39.0	61.3	1.3	0.0
SunPatiens, Vigorous White	Sakata	4.0	4.0	4.0	4.0	4.0	34.0	63.7	3.0	1.0
Super Sonic Magenta	Syngenta Flowers	4.0	4.0	4.0	3.3	1.3	13.7	55.3	0.0	0.0
Experimental 1 Average		4.0	4.0	4.0	4.0	2.3	41.7	68.0	0.0	0.0
Experimental 2 Average		4.0	4.0	4.0	3.7	3.0	40.0	62.3	0.7	0.0



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IMPATIENS, STANDARD PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	2-Jun-11		17-Jun-11		12-Jul-11		10-Aug-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Super Elfin XP Pink	Ball	6.7	1.7	7.3	4.0	9.3	7.7	2.7	1.7
Patchwork Lavender	Ball Flora Plant	8.3	6.0	9.3	7.3	8.0	6.0	2.0	1.3
Dazzler Coral Splash	Ball Seed	6.7	1.7	7.0	2.7	9.7	7.7	1.3	1.0
Jambalaya Pink	Goldsmith	7.3	3.0	8.3	5.7	9.7	8.3	2.3	1.0
Xtreme Pink	Goldsmith	7.0	2.3	8.3	5.0	9.0	8.0	2.3	1.3
Super Elfin XP Salmon Splash	PanAmerican Seed	6.7	1.7	7.0	3.3	9.0	7.0	3.3	1.7
Rockapulco® Coral Reef	Proven Winners	9.0	7.0	9.0	7.0	9.0	7.3	1.5	1.0

IMPATIENS, STANDARD MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	12-May-11	2-Jun-11	17-Jun-11	12-Jul-11	19-Jul-11		10-Aug-11	14-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Super Elfin XP Pink	Ball	6.0	6.0	6.0	6.0	35.0	60.7	5.7	0.0
Patchwork Lavender	Ball Flora Plant	6.0	6.0	6.0	6.0	43.0	72.0	4.7	0.0
Dazzler Coral Splash	Ball Seed	6.0	6.0	6.0	6.0	33.3	64.0	3.0	0.0
Jambalaya Pink	Goldsmith	6.0	6.0	6.0	6.0	41.3	64.0	3.0	0.0
Xtreme Pink	Goldsmith	6.0	6.0	6.0	6.0	44.0	63.0	3.7	0.0
Super Elfin XP Salmon Splash	PanAmerican Seed	6.0	6.0	6.0	6.0	34.3	72.0	4.0	0.0
Rockapulco® Coral Reef	Proven Winners	6.0	6.0	6.0	5.7	39.0	66.0	6.0	0.0



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IPOMEA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	26-May-11	8-Jun-11	7-Jul-11		2-Aug-11		9-Sep-11		
		Performance Rating	Performance Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Grasshopper Damage Rating	
Illusion Emerald Lace	Proven Winners	7.0	10.0	10.0	1.0	9.7	1.0	2.0	10.0	1.0
Illusion Garnet Lace	Proven Winners	7.0	10.0	10.0	1.0	10.0	1.0	1.0	10.0	1.7
Illusion Midnight Lace	Proven Winners	7.3	10.0	10.0	1.0	10.0	1.0	1.0	10.0	1.0
Sweet Caroline Bewitched Improved	Proven Winners	6.0	10.0	10.0	1.0	10.0	1.0	2.0	9.0	2.7
Sweet Caroline Bronze	Proven Winners	7.3	10.0	10.0	1.0	10.0	1.0	1.7	10.0	1.3
Sweet Caroline Raven	Proven Winners	7.3	9.0	10.0	1.0	10.0	1.0	1.7	9.3	2.7
Sweet Caroline Sweetheart Purple	Proven Winners	7.7	10.0	10.0	1.0	9.3	1.0	3.0	8.0	3.7
Sweet Caroline Sweetheart Red	Proven Winners	7.0	10.0	10.0	1.0	9.7	1.0	2.0	9.3	2.7
Desana Bronze	Suntory	8.0	9.7	10.0	2.3	9.7	1.3	2.0	10.0	1.7
Desana Compact Red	Suntory	7.7	10.0	10.0	1.0	9.7	1.0	2.0	10.0	2.0
Desana Lime	Suntory	7.3	10.0	10.0	1.0	10.0	1.0	2.0	10.0	2.0
Desana Maple	Suntory	7.0	10.0	10.0	1.0	8.0	1.0	4.0	8.7	3.0

IPOMEA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	28-Apr-11	26-May-11		8-Jun-11		7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11
		Stand Count	Bloom Count	Stand Count	Bloom Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Illusion Emerald Lace	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	30.7	164.3	4.0	4.0
Illusion Garnet Lace	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	32.3	184.3	4.0	4.0
Illusion Midnight Lace	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	40.7	167.7	4.0	4.0
Sweet Caroline Bewitched Improved	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	26.3	123.0	4.0	4.0
Sweet Caroline Bronze	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	32.3	189.7	4.0	4.0
Sweet Caroline Raven	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	29.7	141.7	4.0	4.0
Sweet Caroline Sweetheart Purple	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	34.7	203.3	4.0	4.0
Sweet Caroline Sweetheart Red	Proven Winners	4.0	0.0	4.0	0.0	4.0	4.0	26.3	197.3	4.0	4.0
Desana Bronze	Suntory	4.0	2.3	4.0	1.0	4.0	4.0	30.3	239.7	4.0	4.0
Desana Compact Red	Suntory	4.0	0.0	4.0	0.0	4.0	4.0	38.3	188.0	4.0	4.0
Desana Lime	Suntory	4.0	0.0	4.0	0.0	4.0	4.0	30.0	211.0	4.0	4.0
Desana Maple	Suntory	4.0	0.0	4.0	0.0	4.0	4.0	38.7	205.7	4.0	4.0



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LANTANA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	26-May-11		8-Jun-10		7-Jul-11		2-Aug-11		9-Sep-10	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Lucky Pot o' Gold	Ball	5.0	2.5	5.5	4.0	6.0	5.5	8.5	8.5	9.5	8.5
Lucky Lemon Glow	Ball Flora Plant	5.5	3.5	7.0	6.0	8.5	7.5	9.0	6.5	9.0	7.0
Dallas Red	Dummen	6.0	3.0	7.0	4.5	10.0	8.0	10.0	8.5	7.5	2.5
Luscious Citrus Blend	Proven Winners	5.5	2.5	7.5	7.0	10.0	8.0	10.0	8.5	9.0	7.0
Luscious Grape	Proven Winners	7.0	3.0	8.0	5.5	9.5	7.5	10.0	9.0	9.5	7.5
Luscious Lemonade	Proven Winners	7.0	4.5	8.5	6.5	10.0	9.0	10.0	10.0	7.0	1.0
Luscious Tropical Fruit	Proven Winners	7.0	3.0	8.5	6.5	10.0	9.0	10.0	10.0	7.0	1.5
Bandana White	Syngenta Flowers	5.0	3.0	6.0	3.0	8.0	7.5	10.0	10.0	10.0	8.5

LANTANA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	28-Apr-11	26-May-11	8-Jun-10	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-10		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Lucky Pot o' Gold	Ball	4.0	4.0	4.0	4.0	10.5	62.0	4.0	4.0		
Lucky Lemon Glow	Ball Flora Plant	4.0	4.0	4.0	4.0	24.5	58.5	4.0	4.0		
Dallas Red	Dummen	4.0	4.0	4.0	4.0	27.5	99.0	4.0	4.0		
Luscious Citrus Blend	Proven Winners	4.0	4.0	4.0	4.0	47.0	115.5	4.0	4.0		
Luscious Grape	Proven Winners	4.0	4.0	4.0	4.0	30.5	107.0	4.0	4.0		
Luscious Lemonade	Proven Winners	4.0	4.0	4.0	4.0	51.0	126.0	4.0	4.0		
Luscious Tropical Fruit	Proven Winners	4.0	4.0	4.0	4.0	43.0	127.5	4.0	4.0		
Bandana White	Syngenta Flowers	4.0	4.0	4.0	4.0	25.5	60.5	4.0	4.0		



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MARIGOLD PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	24-May-11		8-Jun-11		6-Jul-11		1-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Taishan Gold	Ball	7.0	6.3	8.7	7.7	6.7	2.3	4.3	1.3	1.0	1.0
Taishan Orange	Ball	6.7	6.3	8.7	6.7	7.7	4.7	7.3	4.7	1.0	1.0
Taishan Yellow	Ball	7.0	6.3	9.3	7.3	4.0	1.0	1.0	1.0	1.3	1.0
Discovery Mix	Benary	6.7	4.7	8.7	6.0	8.0	3.0	6.7	2.0	1.0	1.0
Discovery Orange	Benary	7.0	7.0	8.7	7.3	7.3	2.3	6.7	2.0	1.0	1.0
Discovery Yellow	Benary	7.3	6.7	9.3	8.0	8.0	4.7	7.0	2.3	2.3	1.0
Antiqua Gold	Goldsmith	7.0	5.3	9.7	7.7	8.0	3.3	6.7	2.0	1.3	1.0
Antiqua Orange	Goldsmith	7.3	6.0	9.7	7.7	7.7	3.7	5.0	1.7	1.0	1.0
Antiqua Yellow	Goldsmith	6.3	5.7	8.3	7.3	7.0	2.7	3.0	1.0	1.0	1.0
Bonanza Deep Orange	PanAmerican Seed	6.7	4.3	9.7	8.0	7.7	3.3	6.3	1.7	1.3	1.0

MARIGOLD MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	26-Apr-11	24-May-11	8-Jun-11	6-Jul-11	13-Jul-11		1-Aug-11	9-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Taishan Gold	Ball	6.0	6.0	6.0	6.0	31.7	56.7	6.0	0.0		
Taishan Orange	Ball	6.0	6.0	6.0	6.0	32.3	67.3	6.0	0.0		
Taishan Yellow	Ball	6.0	6.0	6.0	6.0	19.3	46.0	0.0	0.7		
Discovery Mix	Benary	6.0	6.0	6.0	6.0	46.3	78.3	6.0	0.0		
Discovery Orange	Benary	6.0	6.0	6.0	6.0	31.3	56.7	6.0	0.0		
Discovery Yellow	Benary	6.0	6.0	6.0	6.0	24.3	55.3	6.0	2.0		
Antiqua Gold	Goldsmith	6.0	6.0	6.0	6.0	33.7	76.0	6.0	0.3		
Antiqua Orange	Goldsmith	6.0	6.0	6.0	6.0	28.7	60.7	5.0	0.0		
Antiqua Yellow	Goldsmith	6.0	6.0	6.0	6.0	29.0	50.0	4.3	0.0		
Bonanza Deep Orange	PanAmerican Seed	6.0	6.0	6.0	6.0	35.7	72.0	5.3	0.7		



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MISCELLANEOUS SUN PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	24-May-11		8-Jun-11		6-Jul-11		2-Aug-11		9-Sep-11	
			Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Cyperus	Graceful Grasses King Tut	Proven Winners	7	.	9	8	6	1	7	5	5	.
Juncus	Graceful Grasses Blue Mokawk	Proven Winners	6	.	7	1	7	1	8	1	8	.
Cyperus	Graceful Grasses Baby Tut	Proven Winners	7	.	10	7	9	1	10	1	10	.
Pennisetum	Graceful Grasses Red Riding Hood	Proven Winners	6	3	8	5	10	10	10	10	10	10
Leycestria	Jealousy	PanAmerican Seed	5	1	6	1	1	1	1	1	1	1
Hibiscus	Mahogany Splendor	PanAmerican Seed	7	1	10	1	10	1	10	1	10	1
Tithonia rotundifolia	Fiesta del Sol	Benary	7	2	9	6	8	4	7	2	1	1
Canna	Tropical Bronze Scarlet	Takii	6	.	7	5	6	1	5	3	4	1
Melampodium	Casino Light Yellow	Takii	6	4	8	7	9	9	4	5	1	1
Helenium	Dakota Gold	Ball	6	4	8	7	10	9	7	8	5	6
Mecardonia	GoldDust	Proven Winners	5	2	6	7	8	9	10	8	8	2
Cleome	Senorita Rosalita	Proven Winners	7	6	10	8	10	8	10	9	9	9
Nierembergia	Augusta Blue Skies	Proven Winners	7	7	10	9	8	2	8	3	9	6
Helichrysum	Silverleaf Yellow	Suntory	6	6	9	8	8	2	8	7	8	8
Salvia	Summer Jewel Red	Takii	6	6	7	6	8	6	9	7	8	6
Lobularia	Snow Princess	Proven Winners	6	6	7	6	10	9	10	10	8	4
Salvia farinacea	Evolution White	Benary	5	2	7	6	7	8	7	7	7	6
Salvia farinacea	Evolution	Benary	5	1	7	5	7	8	8	7	7	6
Echinacea	PowWow White	Kieft	5	1	5	1	5	5	4	3	2	1
Echinacea	PowWow Wild Berry	Kieft	5	1	5	1	6	6	5	4	2	2
Rudbeckia	Denver Daisy	Benary	5	1	5	2	7	8	4	3	1	1
Armeria	Ballerina Lilac	Kieft	5	1	4	1	1	1	.	.	1	1
Agastache	Apricot Nectar	Skagit Gardens	6	3	5	2	6	1	4	2	1	1
Agastache	Grape Nectar	Skagit Gardens	6	4	6	3	5	1	1	1	1	1
Mandevilla	Rio Pink	Syngenta Flowers	6	2	6	4	7	6	6	3	5	1
Mandevilla	Rio Deep Red	Syngenta Flowers	6	3	7	5	7	6	6	5	1	1
Mandevilla	Rio Hot Pink	Syngenta Flowers	6	3	6	2	7	5	6	4	2	1
Otomeria	O' Premiera Ruby	Danziger	.	.	5	4	7	6	7	3	9	8
Otomeria	O' Premiera Pink	Danziger	.	.	5	5	8	8	8	5	9	8
Otomeria	O' Premiera White	Danziger	.	.	6	5	7	3	7	2	7	2
Duranta	Gold Edge	Gro Link	.	.	5	1	7	1	10	1	10	1
Salvia	Cislano	Gro Link	.	.	6	1	7	1	7	1	7	2
Alternanthera	Brazilian Red Hots	Gro Link	.	.	6	1	8	1	10	1	10	1
Alternanthera	Snowball	Gro Link	.	.	5	1	7	1	10	1	10	1
Cuphea	Mellow Yellow	Gro Link	.	.	5	1	6	6	8	6	8	3
Phlox	Phloxy Lady White	Red Fox by Dummen	.	.	6	7	5	5	1	1	1	1



EAST TEXAS ORNAMENTAL PLANT EVALUATIONS
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MISCELLANEOUS SUN MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

			12-May-11	19-May-11	24-May-11	2-Jun-11	8-Jun-11	6-Jul-11	13-Jul-11	2-Aug-11	9-Sep-11	
Crop	Cultivar	Company	Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Cyperus	Graceful Grasses King Tut	Proven Winners	10	10	10	10	10	10	110	108	10	10
Juncus	Graceful Grasses Blue Mokawk	Proven Winners	10	10	10	10	10	10	28	130	10	10
Cyperus	Graceful Grasses Baby Tut	Proven Winners	10	10	10	10	10	10	70	135	10	10
Pennisetum	Graceful Grasses Red Riding Hood	Proven Winners	10	10	10	10	10	10	100	190	10	10
Leycestria	Jealousy	PanAmerican Seed	10	10	10	10	10	0	.	.	0	0
Hibiscus	Mahogany Splendor	PanAmerican Seed	10	10	10	10	10	10	140	235	10	10
Tithonia rotundifolia	Fiesta del Sol	Benary	10	10	10	10	10	10	66	151	10	0
Canna	Tropical Bronze Scarlet	Takii	10	10	10	10	10	10	48	122	10	10
Melampodium	Casino Light Yellow	Takii	10	10	10	10	10	9	44	172	4	0
Helenium	Dakota Gold	Ball	10	10	10	10	10	10	34	199	10	10
Mecardonia	GoldDust	Proven Winners	10	10	10	10	10	10	4	187	10	9
Cleome	Senorita Rosalita	Proven Winners	10	10	10	10	10	10	60	182	10	10
Nierembergia	Augusta Blue Skies	Proven Winners	10	10	10	10	10	10	20	188	10	10
Helichrysum	Silverleaf Yellow	Suntory	10	10	10	10	10	10	21	152	10	10
Salvia	Summer Jewel Red	Takii	10	10	10	10	10	10	40	145	10	10
Lobularia	Snow Princess	Proven Winners		10	10	10	10	10	49	172	10	10
Salvia farinacea	Evolution White	Benary		10	10	10	10	10	22	150	10	10
Salvia farinacea	Evolution	Benary		10	10	10	10	10	38	148	10	10
Echinacea	PowWow White	Kieft		10	10	10	10	10	25	159	9	2
Echinacea	PowWow Wild Berry	Kieft		10	10	10	10	10	17	152	9	2
Rudbeckia	Denver Daisy	Benary		10	10	10	10	10	31	175	8	0
Armeria	Ballerina Lilac	Kieft		10	10	10	10	10	7	158	.	0
Agastache	Apricot Nectar	Skagit Gardens		10	10	10	10	8	40	151	3	0
Agastache	Grape Nectar	Skagit Gardens		10	10	10	10	6	33	131	0	0
Mandevilla	Rio Pink	Syngenta Flowers		10	10	10	10	10	32	142	10	9
Mandevilla	Rio Deep Red	Syngenta Flowers		10	10	10	10	10	30	125	10	1
Mandevilla	Rio Hot Pink	Syngenta Flowers		10	10	10	10	10	123	131	10	3
Otomeria	O' Premiera Ruby	Danziger		.	.	10	10	10	32	129	10	10
Otomeria	O' Premiera Pink	Danziger		.	.	10	10	10	32	130	10	10
Otomeria	O' Premiera White	Danziger		.	.	10	10	10	19	112	10	10
Duranta	Gold Edge	Gro Link		.	.	10	10	10	20	104	10	10
Salvia	Cislano	Gro Link		.	.	10	10	10	30	128	10	10
Alternanthera	Brazilian Red Hots	Gro Link		.	.	10	10	10	40	179	10	10
Alternanthera	Snowball	Gro Link		.	.	10	10	10	11	105	10	10
Cuphea	Mellow Yellow	Gro Link		.	.	10	10	10	10	99	10	10
Phlox	Phloxy Lady White	Red Fox by Dummen		.	.	10	10	10	10	101	0	0



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MISCELLANEOUS, SHADE PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	2-Jun-11		17-Jun-11		13-Jul-11		10-Aug-11		14-Sep-11	
			Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Begonia	Sherbet Bon Bon	Ball Seed	7	2	1	1	1	1	1	1	1	1
Begonia	Million Kisses Amour	Ball Seed	7	4	1	1	1	1	1	1	1	1
Begonia	Million Kisses Devotion	Ball Seed	8	8	7	5	1	1	1	1	1	1
Begonia	Million Kisses Romance	Ball Seed	7	5	4	2	1	1	1	1	1	1
Begonia	Fairyland Mix	Floranova	7	4	6	4	1	1	1	1	1	1
Torenia	Kauai White	PanAmerican Seed	6	3	7	5	8	7	7	4	4	2
Torenia	Kauai Lemon Drop	PanAmerican Seed	6	2	6	3	7	5	3	2	2	1
Torenia	Kauai Burgundy	PanAmerican Seed	5	1	6	4	7	5	7	4	3	2
Torenia	Kauai Rose	PanAmerican Seed	6	1	7	4	7	5	8	5	5	4
Torenia	Kauai Magenta	PanAmerican Seed	6	2	6	3	7	4	4	2	3	2
Torenia	Kauai Deep Blue	PanAmerican Seed	6	2	7	3	8	4	7	3	3	1
Incarvillea	Cheron White	Kieft	6	1	5	1	6	1	5	1	2	1
Incarvillea	Cheron Pink	Kieft	5	1	5	1	7	2	7	1	6	1
Leycestria	Jealousy	PanAmerican Seed	7	1	7	1	7	1	3	1	1	1
Mandevilla	Rio Pink	Syngenta Flowers	6	2	7	5	7	7	8	3	8	6
Mandevilla	Rio Hot Pink	Syngenta Flowers	6	2	7	5	7	5	7	4	6	2
Mandevilla	Rio Deep Red	Syngenta Flowers	6	3	7	4	7	6	7	3	5	2
Echinacea	PowWow Wild Berry	Kieft	6	1	6	1	8	7	9	8	8	6
Echinacea	PowWow White	Kieft	6	1	6	1	7	8	7	6	5	3
Armeria	Ballerina Lilac	Kieft	5	1	5	3	1	1
Jacobinia Holanda		Gro Link	.	.	5	2	4	3



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MISCELLANEOUS, SHADE MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Crop	Cultivar	Company	original	2-Jun-11	2-Jun-11	17-Jun-11	13-Jul-11			10-Aug-11	14-Sep-11
			Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Begonia	Sherbet Bon Bon	Ball Seed	10	10	10	0	0	.	.	0	0
Begonia	Million Kisses Amour	Ball Seed	10	10	10	2	0	.	.	0	0
Begonia	Million Kisses Devotion	Ball Seed	10	10	10	10	0	.	.	0	0
Begonia	Million Kisses Romance	Ball Seed	10	10	10	10	0	.	.	0	0
Begonia	Fairyland Mix	Floranova	10	10	10	10	0	.	.	0	0
Torenia	Kauai White	PanAmerican Seed	10	10	10	10	10	48	110	10	6
Torenia	Kauai Lemon Drop	PanAmerican Seed	10	10	10	10	10	28	140	6	1
Torenia	Kauai Burgundy	PanAmerican Seed	10	10	9	8	8	30	116	7	6
Torenia	Kauai Rose	PanAmerican Seed	10	10	10	9	9	27	144	9	8
Torenia	Kauai Magenta	PanAmerican Seed	10	10	9	9	9	26	144	5	3
Torenia	Kauai Deep Blue	PanAmerican Seed	10	10	10	10	10	24	153	10	6
Incarvillea	Cheron White	Kieft	10	10	10	10	10	24	122	10	5
Incarvillea	Cheron Pink	Kieft	10	10	10	9	9	23	167	9	9
Leycestria	Jealousy	PanAmerican Seed	10	10	10	10	10	24	140	4	0
Mandevilla	Rio Pink	Syngenta Flowers	10	10	10	10	10	29	144	10	10
Mandevilla	Rio Hot Pink	Syngenta Flowers	10	10	10	10	10	28	155	10	9
Mandevilla	Rio Deep Red	Syngenta Flowers	10	10	10	10	10	27	140	10	10
Echinacea	PowWow Wild Berry	Kieft		9	9	9	9	22	146	9	9
Echinacea	PowWow White	Kieft		10	10	10	10	31	150	10	8
Armeria	Ballerina Lilac	Kieft		10	10	10	8	10	172	.	.
Jacobinia Holanda		Gro Link		10	.	10	10	14	100	.	.



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NAPIER GRASS PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	23-May-11	8-Jun-11	6-Jul-11	1-Aug-11	Grasshopper Damage Rating 1 = no damage to very minor 2 = minor 3 = a little 4 = some 5 = significant	8-Sep-11	
		Performance Rating	Performance Rating	Performance Rating	Performance Rating		Performance Rating	Grasshopper Damage Rating
Graceful Grasses Vertigo	Proven Winners	5.3	10.0	10.0	10.0	1.3	8.0	2.3
Princess	Wayne Hanna	5.3	10.0	9.5	8.3	3.8	7.0	4.0
Princess Caroline	Wayne Hanna	6.0	10.0	10.0	9.8	1.8	8.0	2.5
Princess Molly	Wayne Hanna	5.8	10.0	8.0	8.0	4.0	7.0	3.8
Tifton 10	Wayne Hanna	5.0	9.3	9.8	9.3	2.8	7.5	3.0
Tifton 11	Wayne Hanna	6.0	10.0	10.0	10.0	2.0	8.8	2.3
Tifton 114	Wayne Hanna	6.0	10.0	10.0	9.5	2.0	7.8	2.8
Tifton 125	Wayne Hanna	6.0	10.0	10.0	9.0	2.0	7.8	2.0
Tifton 13	Wayne Hanna	6.0	10.0	10.0	10.0	1.5	7.8	2.5
Tifton 15	Wayne Hanna	5.8	10.0	9.5	9.8	2.0	8.3	2.0
Tifton 26	Wayne Hanna	5.0	10.0	10.0	10.0	1.5	8.0	2.8
Tifton 40	Wayne Hanna	6.0	10.0	9.8	10.0	1.8	7.8	2.5
Tifton 5	Wayne Hanna	5.0	9.5	10.0	9.8	1.8	7.5	2.3
Tifton 6	Wayne Hanna	6.0	10.0	9.3	9.3	2.8	7.5	3.0

NAPIER GRASS MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	26-Apr-11	23-May-11	13-Jun-11			6-Jul-11			8-Aug-11			16-Sep-11			14-Oct-11		
		Stand Count	Flowering Shoots	Height (cm)	Width (cm)	Width (cm)	Height (cm)	Width (cm)	Width (cm)	Height (cm)	Width (cm)	Width (cm)	Height (cm)	Width (cm)	Width (cm)	Height (cm)	Width (cm)	Width (cm)
Graceful Grasses Vertigo	Proven Winners	1.0	0.0	81.3	92.3	94.8	89.0	101.3	105.3	99.0	137.0	131.8	99.3	99.3	102.0	120.8	114.5	118.5
Princess	Wayne Hanna	1.0	0.0	79.0	92.8	93.5	86.3	99.5	100.5	84.0	128.8	121.8	72.3	96.0	92.8	91.5	100.8	92.0
Princess Caroline	Wayne Hanna	1.0	0.3	85.8	94.5	91.0	87.8	102.8	101.8	123.8	147.5	148.8	96.5	109.3	107.5	119.5	123.3	120.0
Princess Molly	Wayne Hanna	1.0	0.0	76.3	85.0	84.0	64.5	90.0	85.8	65.5	110.3	105.3	55.0	77.8	72.3	75.5	90.3	88.3
Tifton 10	Wayne Hanna	1.0	0.3	84.0	90.5	86.8	104.0	111.3	112.8	103.3	142.8	145.8	104.8	111.5	111.3	133.0	118.8	123.0
Tifton 11	Wayne Hanna	1.0	0.0	95.5	99.3	96.8	110.3	111.5	109.8	126.3	177.8	163.0	124.0	124.8	129.0	148.0	143.3	137.5
Tifton 114	Wayne Hanna	1.0	0.3	102.8	104.5	104.5	127.5	125.8	123.3	145.8	196.0	191.0	162.8	141.8	134.5	179.3	151.0	151.0
Tifton 125	Wayne Hanna	1.0	0.0	109.3	110.5	107.0	146.0	121.0	122.0	175.3	167.0	163.0	203.8	151.3	124.0	221.3	133.3	135.3
Tifton 13	Wayne Hanna	1.0	0.0	77.5	89.8	90.0	76.3	96.3	99.0	75.8	131.3	131.5	82.0	107.5	99.5	92.3	102.8	102.3
Tifton 15	Wayne Hanna	1.0	0.8	85.8	91.3	92.0	88.0	100.3	99.8	90.8	147.5	151.0	90.5	112.5	107.5	104.8	121.8	126.5
Tifton 26	Wayne Hanna	1.0	0.0	84.5	93.5	94.8	97.5	105.0	109.5	105.3	147.3	142.8	98.8	105.0	105.0	114.8	120.3	112.3
Tifton 40	Wayne Hanna	1.0	0.3	98.5	97.5	99.8	96.5	103.3	100.0	120.8	150.8	150.0	132.0	121.3	122.8	141.5	131.3	129.3
Tifton 5	Wayne Hanna	1.0	0.3	91.8	98.5	95.0	98.3	109.8	108.8	106.8	158.3	155.5	109.3	118.3	108.8	124.0	135.8	123.3
Tifton 6	Wayne Hanna	1.0	0.0	91.3	96.3	90.5	97.3	101.5	99.5	103.3	137.0	132.0	102.5	103.8	96.5	120.8	118.5	116.8



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ORNAMENTAL GRASS PERFORMANCE SUMMARY , SUMMER 2011

Crop	Cultivar	Company	24-May-11		8-Jun-11		6-Jul-11	1-Aug-11	9-Sep-11	
			Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Performance Rating	Performance Rating	Flower Rating
Millet	Jester	Ball	6.0	6.3	7.7	8.0	8.0	7.0	3.3	.
Millet	Purple Baron	Ball	7.0	6.3	8.0	8.3	8.7	7.7	4.0	1.0
Millet	Purple Majesty	Ball	5.3	4.7	7.0	7.7	7.3	6.7	2.3	1.0
Zea mays	Zea Field of Dreams	Floranova	4.0	2.0	3.0	1.0	.	.	1.0	1.0

ORNAMENTAL GRASS MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Crop	Cultivar	Company	26-Apr-11	24-May-11	8-Jun-11	6-Jul-11	13-Jul-11		1-Aug-11	9-Sep-11
			Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Millet	Jester	Ball	4.0	4.0	4.0	4.0	138.0	103.3	4.0	3.0
Millet	Purple Baron	Ball	4.0	4.0	4.0	4.0	132.0	99.3	4.0	3.7
Millet	Purple Majesty	Ball	4.0	4.0	4.0	4.0	121.7	95.7	4.0	1.3
Zea mays	Zea Field of Dreams	Floranova	4.0	4.0	3.3	0.0	.	.	0.0	0.0



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ORNAMENTAL PEPPER PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	26-May-11		8-Jun-11		7-Jul-11	2-Aug-11	9-Sep-11
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Performance Rating	Performance Rating
Black Pearl	Ball	7.0	2.7	10.0	5.0	9.7	10.0	7.7
Purple Flash	Ball	7.3	3.7	9.0	2.0	10.0	10.0	7.0
Cute Stuff Red	PanAmerican Seed	6.7	2.7	8.7	5.3	8.7	9.3	7.3
Sweet Heat	PanAmerican Seed	6.3	3.3	9.0	6.0	10.0	9.7	7.3

ORNAMENTAL PEPPER MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	27-Apr-11	26-May-11	8-Jun-11	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Black Pearl	Ball	6.0	6.0	6.0	5.7	64.0	69.0	5.7	5.7
Purple Flash	Ball	6.0	6.0	6.0	6.0	48.3	72.3	6.0	6.0
Cute Stuff Red	PanAmerican Seed	6.0	6.0	6.0	6.0	54.7	66.0	6.0	6.0
Sweet Heat	PanAmerican Seed	6.0	6.0	6.0	6.0	40.7	56.3	6.0	6.0



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OSTEOSPERMUM PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	26-May-11		8-Jun-11		7-Jul-11		2-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Experimental		6.0	4.7	7.0	2.7	7.7	5.7	6.7	1.7	3.3	1.0
Summertime Bronze Charme	Red Fox by Dummen	5.3	2.0	7.0	2.3	5.0	1.0	2.7	1.0	1.0	1.0
Summertime Crème	Red Fox by Dummen	6.3	3.7	7.7	2.7	7.0	3.3	5.3	1.3	2.7	1.0
Summertime Red Velvet	Red Fox by Dummen	7.3	3.3	8.0	5.0	7.0	2.3	4.7	1.3	1.3	1.0
Summertime Royal Purple	Red Fox by Dummen	6.3	3.7	7.0	2.7	7.3	3.3	6.0	1.3	1.0	1.0
Summertime Soft Pink	Red Fox by Dummen	6.0	2.3	7.7	3.7	7.3	3.7	6.0	2.0	1.3	1.0
Summertime Yellow	Red Fox by Dummen	6.0	2.7	7.0	2.3	7.3	3.0	5.7	1.3	1.0	1.0
Swing Royal White	Red Fox by Dummen	7.0	2.3	8.0	3.3	8.0	3.7	7.3	3.3	5.0	1.3

OSTEOSPERMUM MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	27-Apr-11	26-May-11	8-Jun-11	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Experimental		6.0	4.0	4.0	3.7	27.3	70.7	3.7	2.0		
Summertime Bronze Charme	Red Fox by Dummen	6.0	4.0	4.0	3.0	29.3	62.3	1.3	0.0		
Summertime Crème	Red Fox by Dummen	6.0	4.0	4.0	3.7	25.0	75.0	2.7	1.3		
Summertime Red Velvet	Red Fox by Dummen	6.0	4.0	4.0	4.0	27.0	56.7	4.0	0.7		
Summertime Royal Purple	Red Fox by Dummen	6.0	4.0	3.7	3.7	24.0	64.0	3.7	0.0		
Summertime Soft Pink	Red Fox by Dummen	6.0	4.0	4.0	3.7	26.3	63.3	3.0	0.7		
Summertime Yellow	Red Fox by Dummen	6.0	4.0	4.0	4.0	27.3	73.0	4.0	0.0		
Swing Royal White	Red Fox by Dummen	6.0	4.0	4.0	4.0	26.3	55.7	4.0	3.3		



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PETUNIA, TRAILING PERFORMANCE SUMMARY, SUMMER 2011

Cultivar	Company	23-May-11		8-Jun-11		6-Jul-11		1-Aug-11		8-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Soleil Purple	Ball	5.0	3.3	7.0	5.3	10.0	8.3	8.3	6.0	7.0	6.0
Tidal Wave Cherry	Ball	7.7	6.3	10.0	9.0	9.0	8.0	7.0	1.7	7.7	4.7
Tidal Wave Silver	Ball	8.3	7.0	10.0	10.0	10.0	9.0	7.7	5.0	8.0	5.0
Sun Spun Blue	Ball Flora Plant	7.3	6.7	8.3	7.0	7.3	3.3	7.3	2.3	5.3	1.3
Suncatcher Pink Lemonade	Ball Flora Plant	8.7	8.3	8.7	8.7	7.7	5.3	6.3	1.7	6.0	1.7
Pink Ray	Danziger	.	.	5.0	4.3	8.0	7.7	5.7	5.3	4.7	2.7
Purple Ray	Danziger	.	.	4.7	4.3	6.7	6.0	6.0	2.7	5.7	2.0
Purple Vein Ray	Danziger	.	.	4.7	4.7	7.3	6.7	6.0	5.0	5.3	3.7
Red Ray	Danziger	.	.	4.7	4.0	6.7	5.3	6.7	3.7	6.3	3.3
Rim Purple Ray (C. Rim Purple)	Danziger	.	.	4.3	4.0	9.3	7.7	7.3	2.0	7.0	2.7
Sunray	Danziger	.	.	3.3	3.3	3.3	2.3	3.7	3.7	4.3	3.0
White Ray	Danziger	.	.	4.3	4.0	8.0	7.7	7.7	6.0	7.0	3.0
Shock Wave Coral Crush	PanAmerican Seed	7.0	7.0	10.0	10.0	9.3	8.7	7.3	5.3	7.7	4.7
Shock Wave Red	PanAmerican Seed	6.3	5.7	9.3	8.7	9.0	7.3	7.7	5.7	7.0	4.0
Supertunia Lavender Skies	Proven Winners	7.7	7.7	10.0	8.7	10.0	8.7	8.0	4.3	7.7	4.3
Supertunia Raspberry Blast	Proven Winners	7.0	6.0	10.0	9.3	9.3	8.7	9.0	7.7	3.7	2.7
Supertunia Sangria Charm	Proven Winners	7.0	7.7	10.0	10.0	9.7	9.3	9.3	6.3	8.0	6.7
Supertunia Vista Bubblegum	Proven Winners	8.3	7.7	10.0	9.0	9.7	8.3	8.0	5.0	6.7	3.0
Supertunia Vista Fuchsia	Proven Winners	8.0	8.0	10.0	9.7	9.7	8.3	8.0	4.0	7.7	4.0
Supertunia Vista Silverberry	Proven Winners	7.0	7.0	10.0	9.7	9.7	8.3	7.7	4.7	7.3	4.7
Supertunia White Russian	Proven Winners	6.0	6.0	9.3	7.7	9.0	6.3	7.0	2.3	8.0	5.7
Surprise Hot Pink	Red Fox by Dummen	6.0	6.7	8.3	9.0	7.7	5.3	4.0	1.3	1.7	1.7
Double Surprise Blue Vein	Red Fox by Dummen	6.3	4.7	10.0	8.3	9.3	7.7	7.7	3.3	7.3	2.0
Surprise White Ice	Red Fox by Dummen	7.0	7.3	10.0	9.3	8.3	8.0	5.0	4.3	3.3	2.0
Surprise Blue Sky	Red Fox by Dummen	7.3	7.3	10.0	9.3	10.0	8.7	8.3	6.0	7.7	4.3
Surprise Pink Lemonade	Red Fox by Dummen	4.5	3.5	5.5	4.5	6.0	3.0	5.5	2.5	2.0	1.0
Surprise Red	Red Fox by Dummen	6.0	6.0	7.3	7.7	6.7	5.3	5.7	3.3	3.0	1.3
Sweetunia Bubble Gum	Red Fox by Dummen	6.0	6.3	9.3	9.7	9.7	8.3	7.3	4.3	7.7	5.0
Sweetunia Grape Ice	Red Fox by Dummen	6.0	6.0	9.7	8.7	10.0	8.7	7.0	2.7	6.7	1.7
Sweetunia Hot Rod Red	Red Fox by Dummen	5.7	5.0	8.0	8.0	8.7	6.3	7.7	4.7	6.0	2.3
Sweetunia Soft Pink Morning	Red Fox by Dummen	6.7	7.0	10.0	9.7	10.0	8.7	8.3	5.0	8.0	6.0
Sweetunia Strawberry Ice	Red Fox by Dummen	6.0	6.0	8.0	8.0	5.7	3.7	3.0	1.7	1.7	1.7
Sweetunia Strawberry Morning	Red Fox by Dummen	6.0	5.3	8.0	7.7	7.3	5.3	5.7	3.7	5.3	2.0
Opera Supreme Lavender	Takii	7.3	6.7	10.0	9.3	8.3	7.7	7.0	1.3	7.3	4.7
Opera Supreme Lilac Ice	Takii	6.7	5.7	9.7	9.3	9.3	8.0	6.7	2.7	6.0	1.7
Opera Supreme Pink Morn	Takii	6.7	4.3	10.0	9.0	10.0	9.0	8.0	7.3	8.0	4.7
Opera Supreme Raspberry Ice	Takii	6.7	5.7	10.0	9.7	9.0	7.7	8.3	6.0	7.3	2.7



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PETUNIA, TRAILING MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	26-Apr-11	23-May-11	2-Jun-11	8-Jun-11	6-Jul-11	13-Jul-11		1-Aug-11	8-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Soleil Purple	Ball	6.0	6.0	6.0	6.0	6.0	31.3	121.7	6.0	6.0
Tidal Wave Cherry	Ball	6.0	6.0	6.0	6.0	6.0	42.7	204.7	6.0	6.0
Tidal Wave Silver	Ball	6.0	6.0	6.0	6.0	6.0	46.3	261.0	6.0	6.0
Sun Spun Blue	Ball Flora Plant	6.0	6.0	6.0	6.0	6.0	19.7	99.3	6.0	5.7
Suncatcher Pink Lemonade	Ball Flora Plant	6.0	6.0	6.0	6.0	6.0	23.3	104.3	6.0	5.7
Pink Ray	Danziger	.	.	6.0	6.0	6.0	20.0	98.7	6.0	5.3
Purple Ray	Danziger	.	.	6.0	6.0	6.0	16.3	91.7	5.7	5.7
Purple Vein Ray	Danziger	.	.	6.0	6.0	5.7	21.3	87.7	5.3	5.0
Red Ray	Danziger	.	.	6.0	6.0	6.0	23.0	94.3	6.0	6.0
Rim Purple Ray (C. Rim Purple)	Danziger	.	.	5.7	5.7	5.7	30.7	98.0	5.7	5.7
Sunray	Danziger	.	.	5.0	4.7	4.3	13.0	70.0	3.3	3.0
White Ray	Danziger	.	.	6.0	6.0	6.0	23.3	95.0	6.0	6.0
Shock Wave Coral Crush	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	32.7	140.3	6.0	6.0
Shock Wave Red	PanAmerican Seed	5.7	5.7	5.7	5.7	5.7	29.0	138.7	5.7	5.7
Supertunia Lavender Skies	Proven Winners	6.0	6.0	6.0	6.0	6.0	33.0	157.0	6.0	6.0
Supertunia Raspberry Blast	Proven Winners	6.0	6.0	6.0	6.0	6.0	19.7	157.7	6.0	6.0
Supertunia Sangria Charm	Proven Winners	5.7	5.7	5.7	5.7	5.7	25.0	137.0	5.7	5.7
Supertunia Vista Bubblegum	Proven Winners	6.0	6.0	6.0	6.0	6.0	35.7	163.0	6.0	6.0
Supertunia Vista Fuchsia	Proven Winners	6.0	6.0	6.0	6.0	6.0	28.0	159.0	6.0	6.0
Supertunia Vista Silverberry	Proven Winners	6.0	6.0	6.0	6.0	6.0	42.3	164.0	6.0	6.0
Supertunia White Russian	Proven Winners	5.7	5.7	5.7	5.7	5.7	25.3	129.0	5.7	5.7
Surprise Hot Pink	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	20.3	99.7	5.7	2.3
Double Surprise Blue Vein	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	27.7	154.0	5.7	5.7
Surprise White Ice	Red Fox by Dummen	4.7	4.7	4.7	4.7	4.7	24.7	112.0	4.7	4.7
Surprise Blue Sky	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	28.7	132.7	5.7	5.7
Surprise Pink Lemonade	Red Fox by Dummen	6.0	6.0	6.0	5.5	5.5	16.5	90.0	4.0	2.5
Surprise Red	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	20.0	91.0	5.7	3.7
Sweetunia Bubble Gum	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	30.3	115.0	5.7	5.7
Sweetunia Grape Ice	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	25.7	138.3	5.7	5.7
Sweetunia Hot Rod Red	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	23.0	98.3	5.7	5.7
Sweetunia Soft Pink Morning	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	25.0	129.3	5.7	5.7
Sweetunia Strawberry Ice	Red Fox by Dummen	5.7	5.7	5.7	5.7	5.7	18.3	92.3	5.3	2.0
Sweetunia Strawberry Morning	Red Fox by Dummen	5.7	5.7	5.7	5.3	5.3	20.0	87.7	5.3	5.3
Opera Supreme Lavender	Takii	6.0	6.0	6.0	6.0	6.0	27.0	148.0	6.0	6.0
Opera Supreme Lilac Ice	Takii	6.0	6.0	6.0	6.0	6.0	24.7	165.0	6.0	6.0
Opera Supreme Pink Morn	Takii	6.0	6.0	6.0	6.0	6.0	32.7	159.0	6.0	6.0
Opera Supreme Raspberry Ice	Takii	6.0	6.0	6.0	6.0	6.0	31.0	151.0	6.0	6.0



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PORTULACA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	24-May-11		9-Jun-11		7-Jul-11		2-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Stopwatch Mix	Benary	7.7	6.7	8.7	6.7	10.0	8.0	8.0	5.7	4.5	2.0
Sundial Caliente Mix	Benary	7.0	4.3	9.0	6.7	10.0	8.3	9.3	6.7	5.0	2.5
Pazzaz Jumbo White	Danziger	.	.	6.7	4.0	10.0	8.0	10.0	8.7	7.3	3.3
Pazzaz Jumbo Yellow	Danziger	.	.	7.3	5.0	8.3	5.3	9.7	8.0	7.0	2.7
Pazzaz Pink Glow	Danziger	.	.	7.3	6.7	10.0	8.0	10.0	10.0	7.0	1.7
Pazzaz Red Flare	Danziger	.	.	7.3	5.0	10.0	8.7	10.0	10.0	7.0	3.3
Pazzaz Rose Glow	Danziger	.	.	7.0	5.0	9.7	7.7	10.0	9.0	7.3	3.0
Pazzaz Salmon Glow	Danziger	.	.	7.7	6.7	10.0	8.3	10.0	10.0	7.0	2.0
Pazzaz Tangerine	Danziger	.	.	7.7	7.0	10.0	10.0	10.0	10.0	6.7	2.0
Pazzaz Vivid Yellow	Danziger	.	.	8.0	6.7	10.0	8.0	10.0	9.3	7.3	2.7
Happy Hour Banana	PanAmerican Seed	7.3	5.0	8.7	5.7	9.7	7.7	7.7	4.3	5.0	3.0
Happy Hour Coconut	PanAmerican Seed	7.7	5.7	8.7	5.3	9.7	7.7	7.7	3.7	6.0	3.0
Happy Hour Deep Red	PanAmerican Seed	6.7	5.3	8.0	5.3	10.0	8.0	8.0	5.3	5.0	1.5
Happy Hour Fuschia	PanAmerican Seed	7.0	5.7	8.0	6.0	9.7	7.7	8.0	5.0	5.0	2.0
Happy Hour Lemon	PanAmerican Seed	7.3	5.0	8.3	5.3	9.3	7.3	7.3	4.0	5.0	1.0
Happy Hour Orange	PanAmerican Seed	7.3	6.3	8.7	5.7	9.3	7.3	8.0	5.0	5.0	2.0
Happy Hour Peppermint	PanAmerican Seed	8.0	6.3	9.0	6.3	10.0	8.0	8.0	5.0	6.5	2.5
Happy Hour Rosita	PanAmerican Seed	6.3	6.3	7.3	5.3	8.3	6.7	6.7	4.7	3.0	1.0
Duet Rose N' Yellow	Sakata	6.7	5.7	10.0	8.0	10.0	8.7	10.0	10.0	7.3	3.0

PORTULACA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	27-Apr-11	24-May-11	2-Jun-11	9-Jun-11	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11
		Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Stopwatch Mix	Benary	6.0	6.0	6.0	5.7	5.7	21.0	74.3	5.7	5.5
Sundial Caliente Mix	Benary	6.0	6.0	6.0	6.0	6.0	21.0	91.0	6.0	6.0
Pazzaz Jumbo White	Danziger	.	.	6.0	6.0	6.0	17.0	91.0	6.0	6.0
Pazzaz Jumbo Yellow	Danziger	.	.	6.0	6.0	6.0	20.7	88.7	6.0	6.0
Pazzaz Pink Glow	Danziger	.	.	6.0	6.0	6.0	30.0	113.7	6.0	6.0
Pazzaz Red Flare	Danziger	.	.	6.0	6.0	6.0	27.7	103.0	6.0	6.0
Pazzaz Rose Glow	Danziger	.	.	6.0	6.0	6.0	22.3	112.0	6.0	6.0
Pazzaz Salmon Glow	Danziger	.	.	6.0	6.0	6.0	26.7	97.3	6.0	6.0
Pazzaz Tangerine	Danziger	.	.	6.0	6.0	6.0	32.3	96.0	6.0	6.0
Pazzaz Vivid Yellow	Danziger	.	.	6.0	6.0	6.0	38.0	102.0	6.0	6.0
Happy Hour Banana	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	23.3	76.0	6.0	6.0
Happy Hour Coconut	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	23.0	74.3	6.0	6.0
Happy Hour Deep Red	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	25.3	71.7	6.0	6.0
Happy Hour Fuschia	PanAmerican Seed	6.0	6.0	6.0	5.3	5.3	21.0	71.0	5.3	5.0
Happy Hour Lemon	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	22.3	72.7	6.0	6.0
Happy Hour Orange	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	19.7	75.3	6.0	6.0
Happy Hour Peppermint	PanAmerican Seed	6.0	6.0	6.0	6.0	6.0	19.0	75.0	6.0	6.0
Happy Hour Rosita	PanAmerican Seed	6.0	6.0	6.0	5.3	5.0	17.7	59.0	5.0	6.0
Duet Rose N' Yellow	Sakata	6.0	6.0	6.0	6.0	6.0	28.3	163.0	6.0	6.0



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SCAEVOLA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	6/1/2011		6/17/2011		7/12/2011		8/8/2011		9/13/2011	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Top Pot Blue	Gro Link	.	.	4.0	2.0	3.3	2.7	1.7	1.7	1.3	1.3
Top Pot White	Gro Link	.	.	5.0	3.0	7.0	5.3	7.0	6.3	5.0	4.3
Scala Blue	Red Fox by Dummen	7.0	4.0	9.3	7.3	9.0	7.0	8.7	7.3	7.3	4.3
Surdiva Blue	Suntory	6.0	2.3	8.7	6.0	7.3	6.3	8.0	7.7	5.7	5.3
Surdiva Light Blue	Suntory	7.0	4.0	10.0	8.0	10.0	8.0	9.7	8.0	10.0	8.3
Surdiva White	Suntory	6.0	2.3	8.7	7.3	8.7	6.7	8.7	6.3	7.7	5.0

SCAEVOLA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	5/13/2011	6/1/2011	6/2/2011	6/17/2011	7/12/2011	7/18/2011		8/8/2011	9/13/2011	
		Stand Count	Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count	
Top Pot Blue	Gro Link	.	.	4.0	4.0	3.3	10.0	50.0	1.7	0.7	
Top Pot White	Gro Link	.	.	4.0	4.0	3.7	15.0	60.7	3.7	3.0	
Scala Blue	Red Fox by Dummen	4.0	4.0	4.0	4.0	4.0	24.7	62.3	4.0	4.0	
Surdiva Blue	Suntory	4.0	4.0	4.0	4.0	4.0	14.3	61.0	3.7	3.0	
Surdiva Light Blue	Suntory	4.0	4.0	4.0	4.0	4.0	15.7	84.0	4.0	4.0	
Surdiva White	Suntory	4.0	4.0	4.0	4.0	4.0	17.3	75.7	4.0	3.7	



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VERBENA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	24-May-11		8-Jun-11		7-Jul-11		2-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Aztec Burgundy	Ball Flora Plant	6	2.5	7.5	5	9	6.5	8.5	6.5	7	1.5
Empress Burgundy	Dummen	5.5	4	5.5	2	6.5	3	7	7	6.5	2.5
Princess Blue		7	2.5	7.5	2.5	9.5	7.5	10	8.5	7.5	3
Princess Rose		6	1.5	6.5	1	8	4.5	8	4	7	2
Superbena Burgundy	Proven Winners	6	1.5	7.5	3.5	9	6.5	9	7	7	2
Superbena Coral Red	Proven Winners	7	2.5	7.5	3	10	8	10	9	9	6.5
Superbena Large Lilac Blue	Proven Winners	7	2	8	3.5	10	8	10	8.5	7	1
Superbena Royale Chambray	Proven Winners	7	4	10	8	9.5	8	10	8.5	7	2.5
Superbena Royale Iced Cherry	Proven Winners	7	4	9	7	8.5	5	10	8.5	7	2
Superbena Royale Peachy Keen	Proven Winners	6	2	6	1	4	1	1.5	1.5	1	1
Tukana Scarlet Star	Proven Winners	5	1.5	6	1.5	8.5	5	10	9.5	7	3
Empress Dark Red	Red Fox by Dummen	6	2	8	4	8.5	5.5	10	8	7.5	3.5
Empress Dark Red Charme	Red Fox by Dummen	6.5	2.5	8	5	8.5	5	9	7	7	1.5
Empress Lavender	Red Fox by Dummen	6	3.5	7	4	7.5	2.5	10	10	6.5	1.5
Empress Purple	Red Fox by Dummen	7	3.5	7.5	5.5	7	3.5	4	2	3	1.5
Empress Salmon Pink	Red Fox by Dummen	6	2.5	6.5	2	6.5	2	5	4	1.5	1
Empress Strawberry Charme	Red Fox by Dummen	6	1.5	6.5	2.5	7	4	6.5	4.5	3.5	1.5
Empress Violet Blue Charme	Red Fox by Dummen	6	2	7	4	6.5	2.5	6	2	3.5	1.5
Empress White	Red Fox by Dummen	6.5	3	7.5	4.5	8.5	5.5	9.5	8.5	7	1
Tapien Blue	Suntory	6	4	7.5	4	8.5	5.5	9.5	9	6.5	1.5
Tapien Purple	Suntory	7	4.5	7	2	9.5	7.5	9	8.5	6.5	1.5
Temari Blue	Suntory	7	3	8.5	6.5	9	6.5	10	8.5	7.5	3
Temari Cherry Red	Suntory	6.5	2	8.5	6	8.5	5	10	9.5	8	4.5
Temari Hot Pink	Suntory	7	4.5	9	7	9	6.5	10	8	7.5	5
Experimental		6.5	3	6.5	4	9	6	7.5	4.5	6	1.5



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VERBENA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	27-Apr-11	24-May-11	8-Jun-11	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Aztec Burgundy	Ball Flora Plant	6	6	6	6	24.5	108.5	6	6		
Empress Burgundy	Dummen	6	6	6	6	13.5	92	6	6		
Princess Blue		6	6	6	6	30	163	6	6		
Princess Rose		6	6	6	6	28	119.5	6	6		
Superbena Burgundy	Proven Winners	6	5.5	5.5	5.5	31.5	117.5	5.5	5.5		
Superbena Coral Red	Proven Winners	6	6	6	6	25.5	169	6	6		
Superbena Large Lilac Blue	Proven Winners	6	6	6	6	33	148	6	6		
Superbena Royale Chambray	Proven Winners	6	6	6	6	17.5	145	6	6		
Superbena Royale Iced Cherry	Proven Winners	6	6	6	6	18.5	134.5	6	6		
Superbena Royale Peachy Keen	Proven Winners	6	6	6	6	12	78.5	1	0		
Tukana Scarlet Star	Proven Winners	6	6	6	6	18.5	112	6	6		
Empress Dark Red	Red Fox by Dummen	6	6	6	6	34	147	6	6		
Empress Dark Red Charme	Red Fox by Dummen	6	6	6	6	19.5	115	6	6		
Empress Lavender	Red Fox by Dummen	6	6	6	6	25.5	104.5	6	6		
Empress Purple	Red Fox by Dummen	6	6	6	6	18.5	93	5	3		
Empress Salmon Pink	Red Fox by Dummen	6	6	6	5.5	17.5	80	5	2.5		
Empress Strawberry Charme	Red Fox by Dummen	6	6	6	6	18.5	101	6	4		
Empress Violet Blue Charme	Red Fox by Dummen	6	6	6	6	15	106	6	3		
Empress White	Red Fox by Dummen	6	6	6	6	23	138	6	6		
Tapien Blue	Suntory	6	6	6	6	16	129.5	6	6		
Tapien Purple	Suntory	6	6	6	6	13.5	114.5	6	6		
Temari Blue	Suntory	6	6	6	6	21.5	115	6	6		
Temari Cherry Red	Suntory	6	6	6	6	27	140.5	6	6		
Temari Hot Pink	Suntory	6	6	6	6	39.5	147	6	6		
Experimental		6	6	6	6	19	104	6	6		



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VINCA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	1-Jun-11		17-Jun-11		12-Jul-11		8-Aug-11		13-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Cora Apricot	Goldsmith	7.7	5.7	10.0	10.0	9.3	8.3	10.0	8.7	9.3	7.3
Cora Burgundy	Goldsmith	7.3	5.0	10.0	10.0	8.7	8.7	10.0	8.7	9.3	7.7
Cora Deep Lavender	Goldsmith	7.7	5.7	10.0	10.0	9.0	8.3	10.0	8.7	9.7	8.0
Cora Lavender	Goldsmith	8.0	5.3	10.0	10.0	9.7	8.3	10.0	9.0	9.7	8.0
Cora Pink	Goldsmith	7.7	5.0	10.0	10.0	8.3	8.3	10.0	8.0	9.3	7.7
Cora Punch	Goldsmith	7.3	4.7	10.0	10.0	8.3	8.0	10.0	8.0	9.0	7.0
Cora Violet	Goldsmith	7.0	4.0	10.0	9.7	9.3	8.0	10.0	8.3	9.0	7.3
Cora White	Goldsmith	7.7	6.0	10.0	9.7	10.0	9.0	10.0	9.3	10.0	8.7
Victory Apricot	Sakata	7.3	6.0	10.0	9.3	9.3	8.0	10.0	8.0	9.3	8.0
Victory Blue Improved	Sakata	6.7	4.3	9.7	8.3	9.7	8.0	10.0	8.0	8.7	7.7
Victory Bright Eye	Sakata	6.3	4.3	9.7	10.0	9.7	8.7	10.0	8.3	8.7	7.0
Victory Carmine	Sakata	6.7	5.0	10.0	9.7	9.7	8.7	10.0	8.0	8.7	7.3
Victory Cranberry	Sakata	7.3	5.3	10.0	9.0	8.3	7.0	9.0	6.7	9.0	6.3
Victory Deep Pink	Sakata	7.3	5.7	10.0	10.0	8.7	8.7	10.0	9.0	8.3	7.0
Victory Grape	Sakata	7.0	5.3	10.0	9.7	8.7	8.3	9.7	7.7	8.7	6.7
Victory Lavender	Sakata	7.3	5.0	10.0	9.3	8.7	8.0	10.0	8.0	9.7	8.0
Victory Light Pink	Sakata	5.7	5.0	8.7	8.3	10.0	8.0	9.7	8.7	8.7	7.7
Victory Light Pink w/Red Eye	Sakata	7.0	5.0	10.0	9.7	9.3	8.3	9.0	8.3	8.0	6.3
Victory Pure White Improved	Sakata	6.7	5.0	10.0	10.0	9.0	8.3	10.0	8.3	9.3	7.7
Victory Purple	Sakata	5.0	3.7	6.7	5.7	7.3	7.0	7.3	6.7	8.3	6.7
Victory Red	Sakata	6.7	5.0	10.0	10.0	10.0	8.7	10.0	8.3	9.3	7.7

VINCA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	Block	4-May-11	1-Jun-11	17-Jun-11	12-Jul-11	18-Jul-11		8-Aug-11	13-Sep-11
			Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count
Cora Apricot	Goldsmith		6.0	6.0	6.0	6.0	46.3	99.7	6.0	6.0
Cora Burgundy	Goldsmith		6.0	6.0	6.0	6.0	43.7	106.7	6.0	6.0
Cora Deep Lavender	Goldsmith		6.0	6.0	6.0	6.0	41.7	106.3	6.0	6.0
Cora Lavender	Goldsmith		6.0	6.0	6.0	6.0	45.7	97.0	6.0	6.0
Cora Pink	Goldsmith		6.0	6.0	6.0	6.0	43.3	94.0	6.0	6.0
Cora Punch	Goldsmith		6.0	6.0	6.0	6.0	50.7	95.3	6.0	6.0
Cora Violet	Goldsmith		6.0	6.0	6.0	6.0	44.0	100.7	6.0	6.0
Cora White	Goldsmith		6.0	6.0	6.0	6.0	35.3	97.7	6.0	6.0
Victory Apricot	Sakata		6.0	6.0	6.0	6.0	45.3	101.3	6.0	6.0
Victory Blue Improved	Sakata		6.0	6.0	6.0	6.0	50.3	93.7	6.0	6.0
Victory Bright Eye	Sakata		6.0	6.0	6.0	6.0	41.0	91.0	6.0	6.0
Victory Carmine	Sakata		6.0	6.0	6.0	6.0	42.0	94.3	6.0	6.0
Victory Cranberry	Sakata		6.0	6.0	6.0	6.0	39.0	95.3	6.0	6.0
Victory Deep Pink	Sakata		6.0	6.0	6.0	6.0	54.3	93.3	6.0	6.0
Victory Grape	Sakata		6.0	6.0	6.0	6.0	40.3	101.3	6.0	6.0
Victory Lavender	Sakata		6.0	6.0	6.0	6.0	36.3	94.7	6.0	6.0
Victory Light Pink	Sakata		6.0	5.7	4.7	4.7	39.7	79.7	4.7	4.7
Victory Light Pink w/Red Eye	Sakata		6.0	6.0	6.0	6.0	44.0	95.7	6.0	6.0
Victory Pure White Improved	Sakata		6.0	6.0	6.0	6.0	39.0	88.0	6.0	6.0
Victory Purple	Sakata		6.0	5.7	3.7	3.7	41.7	63.7	3.7	3.7
Victory Red	Sakata		6.0	6.0	6.0	6.0	47.0	103.7	6.0	6.0



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ZINNIA PERFORMANCE SUMMARY , SUMMER 2011

Cultivar	Company	24-May-11		8-Jun-11		7-Jul-11		2-Aug-11		9-Sep-11	
		Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Zahara Yellow	Ball	6.0	5.0	7.0	5.3	8.3	5.7	9.3	9.0	5.3	1.7
Queen Red Lime	Benary	6.3	4.3	8.0	6.0	8.0	5.7	7.0	4.3	3.0	1.3
Profusion Double Cherry	Sakata	6.3	5.3	8.7	7.0	9.0	7.7	8.3	8.3	6.3	4.3
Profusion Double Fire	Sakata	6.0	5.3	8.3	6.3	9.7	8.0	8.3	8.3	6.0	5.3
Profusion Double Golden	Sakata	6.7	6.7	9.0	7.7	8.0	6.7	8.7	8.0	5.7	2.3
Profusion Double White	Sakata	6.3	4.7	8.0	6.0	9.7	7.7	7.7	7.3	6.7	7.0
Profusion Knee High Red	Sakata	6.0	4.7	8.0	6.0	9.0	7.0	9.0	9.0	7.0	5.7
Profusion Knee High Red (Late)	Sakata	.	.	5.0	1.0	6.7	4.7	10.0	8.7	7.3	6.7
Profusion Knee High White	Sakata	6.3	5.0	9.0	7.3	8.3	6.7	8.7	8.7	6.3	1.3
Profusion Sunrise Mix	Sakata	6.0	4.3	7.7	6.0	9.0	7.0	9.0	8.3	6.3	5.0
Profusion Yellow	Sakata	6.3	5.7	9.0	6.0	8.3	5.0	8.3	8.3	5.7	2.7

ZINNIA MEASUREMENT AND COUNT SUMMARY, SUMMER 2011

Cultivar	Company	27-Apr-11	24-May-11	8-Jun-11	7-Jul-11	13-Jul-11		2-Aug-11	9-Sep-11		
		Stand Count	Stand Count	Stand Count	Stand Count	Height (cm)	Width (cm)	Stand Count	Stand Count		
Zahara Yellow	Ball	6.0	6.0	6.0	6.0	27.0	97.0	6.0	6.0		
Queen Red Lime	Benary	6.0	6.0	6.0	6.0	64.3	138.0	6.0	3.3		
Profusion Double Cherry	Sakata	6.0	6.0	6.0	6.0	32.7	113.3	6.0	6.0		
Profusion Double Fire	Sakata	6.0	6.0	6.0	6.0	50.7	105.3	6.0	6.0		
Profusion Double Golden	Sakata	6.0	6.0	6.0	6.0	33.3	117.0	6.0	5.3		
Profusion Double White	Sakata	6.0	6.0	6.0	6.0	36.0	110.0	6.0	5.7		
Profusion Knee High Red	Sakata	6.0	6.0	6.0	6.0	39.3	116.0	6.0	6.0		
Profusion Knee High Red (Late)	Sakata	.	.	6.0	6.0	31.3	91.0	6.0	6.0		
Profusion Knee High White	Sakata	6.0	6.0	6.0	6.0	45.0	142.7	6.0	6.0		
Profusion Sunrise Mix	Sakata	6.0	6.0	6.0	5.7	35.0	98.7	5.7	5.7		
Profusion Yellow	Sakata	6.0	6.0	6.0	6.0	38.0	123.3	6.0	5.3		