

Missouri Botanical Garden

Summer Annuals Trials 2013

1 = Undesirable

2 = Good

3 = Exceptional

Plant Species	Heat Tolerance	Visual Appeal	Growth Rate	Flower Production	Total
AAS Selections					
Verbena LANAI CANDY CANE	2.6	2.3	2.6	1.9	9.5
Petunia SURFINA SUMMER DOUBLE PINK	2.7	2.3	2.5	2.7	10.2
Zinnia marylandica ZAHARA CHERRY	2.6	2.2	2.5	2.4	9.7
Impatiens hawkeri SUNPATIENS ELECTRIC COMPACT ORANGE	2.9	2.9	2.9	2.9	11.6
Catharanthus roseus 'First Kiss Blueberry'	0.3	0.3	0.3	0.3	1.3
Dianthus 'Supra Purple'	2.5	1.9	2.2	2.1	8.7
Tagetes erecta 'Moonstruck Deep Orange'	2.5	2.5	2.4	2.6	9.9
Catharanthus roseus 'Pacifica Burgundy Halo'	1.3	1.2	1.2	1.2	4.8
Echinacea 'Cheyenne Spirit'	2.7	2.5	2.7	2.6	10.6
Celosia argentea (Plumosa Group) 'Fresh Look Gold'	2.4	2.0	2.3	2.6	9.3
Canna 'South Pacific Scarlet'	2.9	2.6	2.8	2.7	11.0
Catharanthus roseus 'Jams and Jellies Blackberry'	0.1	0.1	0.1	0.1	0.5
Zinnia 'Profusion Double Hot Cherry'	2.7	2.6	2.7	2.8	10.8
Zinnia 'Profusion Double Deep Salmon'	2.7	2.6	2.7	2.7	10.7
Gaillardia 'Arizona Apricot'	2.6	2.0	2.3	2.3	9.2
Gaillardia 'Arizona Sun'	2.5	2.0	2.2	2.2	8.9
Gaillardia x grandiflora 'Mesa Yellow'	2.6	2.0	2.3	2.2	9.0
Antirrhinum nanum 'Twinny Peach'	1.2	1.0	1.0	1.0	4.2
Sakata Seeds					
Zinnia marylandica ZAHARA ROSE STARLIGHT	2.7	2.3	2.3	2.6	9.9
Zinnia marylandica 'Pas553645' ZAHARA DOUBLE FIRE	2.6	2.4	2.4	2.6	10.1
Gomphrena PINBALL SNOW-TIPPED LAVENDER	2.6	2.4	2.4	2.5	9.9
Gomphrena PINBALL WHITE	2.6	2.4	2.4	2.6	10.1
Gomphrena PINBALL PURPLE	2.5	2.4	2.4	2.5	9.8
Calibrachoa CALIPETITE PINK	1.6	1.3	1.3	1.2	5.3
Calibrachoa CALIPETITE BLUE	1.5	1.4	1.3	1.3	5.4
Impatiens SUNPATIENS SPREADING PINK FLASH	2.9	2.9	3.0	2.8	11.6
Impatiens SUNPATIENS COMPACT HOT CORAL	2.8	2.6	2.7	2.8	10.9
Impatiens SUNPATIENS COMPACT RED	2.8	2.6	2.8	2.7	10.9
Calibrachoa CALIPETITE WHITE	1.6	1.5	1.6	1.4	6.0

	Plant Species	Heat Tolerance	Visual Appeal	Growth Rate	Flower Production	Total
	Calibrachoa CALIPETITE RED	1.1	1.0	1.0	1.0	4.1
	Zinnia 'Profusion Double Deep Salmon'	2.7	2.3	2.7	2.8	10.4
	Zinnia 'Profusion Double Hot Cherry'	2.7	2.3	2.6	2.7	10.3
	Zinnia 'Profusion Double Yellow'	2.8	2.8	2.7	2.8	11.1
	Calibrachoa CALIPETITE YELLOW	0.6	0.6	0.6	0.6	2.4
	Petunia 'Mini Blast Rose'	2.3	2.1	2.3	2.5	9.3
	Ball Floral Plant					
	Verbena 'Balendose' ENDURO ROSE	1.2	1.1	1.1	1.1	4.4
	Verbena 'Balendurp' ENDURO PURPLE	0.8	0.8	0.8	0.8	3.3
	Catharanthus roseus TITAN BURGUNDY IMPROVED	2.6	2.3	2.2	2.4	9.6
	Catharanthus roseus TITAN ROSE HALO	1.5	1.5	1.4	1.6	5.9
	Zinnia marylandica ZAHARA CHERRY	2.5	2.1	2.4	2.4	9.4
	Salvia farinacea 'Evolution'	1.4	1.2	1.2	1.3	5.1
	Petunia 'Cha Ching Cherry'	0.2	0.2	0.2	0.2	0.8
	Petunia 'Balperosh' ROSE AND SHINE	0.6	0.5	0.5	0.7	2.2
	Celosia argentea (Spicata Group) 'Kosmo Yellow'	1.0	0.8	0.9	1.1	3.8
	Bidens ferulifolia 'DANBID7346' SUN DROP	2.3	2.0	2.3	1.6	8.2
	Celosia argentea (Plumosa Group) 'First Flame Orange'	1.8	1.5	1.7	1.7	6.8
	Celosia argentea (Plumosa Group) 'First Flame Yellow'	1.8	1.7	1.8	1.9	7.1
	Celosia argentea (Plumosa Group) 'First Flame Red'	1.8	1.7	1.8	1.9	7.2
	Angelonia angustifolia 'Balangspark!' ANGELMIST SPREADING DARK PURPLE IMPROVED	2.8	2.8	2.8	2.6	11.0
	Lantana camara LITTLE LUCKY RED	2.8	2.4	2.7	1.9	9.8
	Petunia 'Flash Mob Redtastic'	0.4	0.4	0.4	0.4	1.7
	Petunia 'Flash Mob Bluerific'	0.5	0.4	0.4	0.4	1.8
	Zinnia marylandica ZAHARA SUNBURST	2.5	2.3	2.2	2.5	9.6
	Zinnia marylandica 'UpTown Grape'	2.7	2.3	2.5	2.7	10.2
	Gazania rigens NEW DAY RED SHADES	2.0	1.7	1.9	1.9	7.5
	Gaillardia x grandiflora 'Mesa Peach' (In pot)	1.3	1.1	1.1	1.1	4.6
	Gaillardia x grandiflora 'Mesa Peach' (in ground)	1.0	0.8	0.8	0.8	3.4
	Petunia 'PAS933577' EZ RIDER BLUE (In pot)	1.3	1.2	1.2	1.2	4.8
	Petunia 'PAS933577' EZ RIDER BLUE (in ground)	0.2	0.3	0.3	0.3	1.0
	Petunia 'PAS933585' EZ RIDER DEEP SALMON (In pot)	1.2	1.1	1.2	1.2	4.6
	Petunia 'PAS933585' EZ RIDER DEEP SALMON (in ground)	0.2	0.3	0.3	0.3	1.0
	Syngenta Seed					
	Verbena MAGELANA LIPSTICK IMPROVED	1.0	0.9	0.9	1.0	3.8
	Verbena LANAI TWISTER PINK	2.0	1.6	1.7	1.7	7.0
	Verbena LANAI BLUE DENIM	1.8	1.4	1.8	1.4	6.4
	Verbena LANAI CANDY CANE	1.4	1.1	1.3	1.1	4.9
	Pentas lanceolata 'Starcluster Rose'	2.7	2.5	2.7	2.4	10.2

	Plant Species	Heat Tolerance	Visual Appeal	Growth Rate	Flower Production	Total
	Dahlia GOLDALIA ROSE IMPROVED	1.2	1.1	1.2	1.0	4.6
	Verbena LANAI TWISTER PURPLE	0.6	0.6	0.6	0.6	2.4
	Verbena LANAI PEACH	1.5	1.4	1.6	1.3	5.8
	Pentas lanceolata 'Starcluster Red'	2.2	2.1	2.1	2.1	8.6
	Verbena LANAI DARK RED	2.1	1.8	2.1	1.7	7.7
	Verbena LANAI TWISTER RED	0.4	0.4	0.4	0.4	1.7
	Verbena LANAI UPRIGHT LIME GREEN	0.4	0.4	0.4	0.4	1.7
	Verbena LANAI SCARLET WITH EYE	0.9	0.9	0.9	0.9	3.7
	Verbena LANAI VINTAGE ROSE	1.0	0.9	0.9	0.9	3.8
	Pentas lanceolata 'Starcluster Lavender'	2.6	2.3	2.4	2.2	9.6
	Dahlia GOLDALIA SCARLET IMPROVED	0.3	0.3	0.3	0.3	1.2
	Sutera CALYPSO JUMBO WHITE IMPROVED	1.2	1.2	1.2	1.2	4.7
	Mandevilla hybrida 'Rio Deep Pink'	2.0	1.8	1.7	1.9	7.5
	Kwik Kombos Sanguna Salute Mix	1.9	1.7	1.8	1.9	7.3
	Kwik Kombos Plum-Tastic Mix	1.9	1.6	1.8	1.8	7.1
	Kwik Kombos Primary Perfection Mix	2.1	2.1	2.0	2.1	8.4
	Kwik Kombos Desert Sunset Mix	2.1	1.9	1.9	1.9	7.8
	Kwik Kombos Night in Pompeii Mix	2.0	1.9	1.9	2.1	8.0
	Kwik Kombos Sanguna Punk Rock Mix	1.8	1.7	1.7	1.8	7.1
	Scaevola 'Bombay White'	2.7	2.6	2.6	2.7	10.7
	Proven Winners					
	Verbena SUPERBENA VIOLET ICE	2.8	2.6	2.6	2.4	10.5
	Petunia 'PAS882674' PRETTY GRAND DEEP PINK	2.9	2.9	3.0	3.0	11.7
	Torenia 'Grape-O-Licious'	2.8	1.9	2.7	1.7	9.0
	Lobularia maritima 'White Night'	2.5	2.2	2.6	2.6	9.9
	Begonia x benariensis SUREFIRE RED	3.0	2.9	2.9	2.9	11.7
	Begonia x benariensis SUREFIRE ROSE	3.0	2.9	2.9	2.9	11.8
	Pelargonium 'Cante Pinka' TIMELESS DEEP PINK	2.1	2.1	2.1	2.1	8.4
	Pelargonium 'PEQZ0001' BOLDY HOT PINK	2.5	2.3	2.4	2.5	9.6
	Verbena SUPERBENA ROYALE WHITECAP	2.9	2.3	2.9	2.2	10.2
	Petunia SUPERTUNIA ORCHID CHARM	2.7	2.4	2.7	2.4	10.1
	Angelonia angustifolia ANGELFACE WEDGEWOOD BLUE IMPROVED	2.9	2.4	2.9	2.0	10.3
	Calibrachoa SUPERBELLS SPICY	1.6	1.5	1.6	1.4	6.1
	Gomphrena FOREST RED	3.0	2.9	2.9	2.9	11.8
	Gomphrena FOREST PINK	3.0	2.9	2.9	2.9	11.8
	Calibrachoa 'USCAL08501' SUPERBELLS POMEGRANATE PUNCH	2.4	2.1	2.3	2.0	8.9
	Pelargonium 'Cante Dereds' TIMELESS DEEP RED	2.6	2.7	2.5	2.5	10.3
	Pelargonium 'PEQZ0002' BOLDY LAVENDER ROSE	2.5	2.3	2.3	2.4	9.4
	Verbena SUPERBENA ROYALE PLUM WINE	2.7	2.4	2.5	2.4	9.9

	Plant Species	Heat Tolerance	Visual Appeal	Growth Rate	Flower Production	Total
	Petunia SUPERTUNIA WHITE IMPROVED	2.9	2.7	2.9	2.9	11.4
	Pelargonium 'Cante Laver' TIMELESS LAVENDER	2.6	2.7	2.6	2.8	10.7
	Pelargonium 'Cante Oran' TIMELESS ORANGE	2.3	2.3	2.3	2.5	9.5
	Pelargonium 'Amri Trared' BOLDY DARK RED	2.5	2.2	2.4	2.1	9.2
	Pelargonium 'Cante Ros' TIMELESS DEEP ROSE	2.6	2.4	2.4	2.5	9.9
	Pelargonium 'PEQZ0004' BOLDY BURGUNDY	2.7	2.5	2.6	2.6	10.3
	Pelargonium 'Cope Scarfir' BOLDY SCARLET FIRE	2.4	2.3	2.2	2.3	9.2
	Ecke Seed					
	Gypsophila muralis 'Gypsy White'	1.6	1.4	1.5	1.4	5.8
	Pelargonium (1000-8)	2.2	2.1	1.9	2.1	8.3
	Pelargonium (1000-7)	2.6	2.2	2.4	2.3	9.6
	Pelargonium (1000-6)	2.7	2.4	2.5	2.4	10.0
	Pelargonium (1000-5)	2.7	2.5	2.5	2.5	10.2
	Pelargonium (1000-4)	2.4	2.5	2.3	2.3	9.4
	Pelargonium (1000-3)	2.5	2.3	2.3	2.5	9.6
	Pelargonium (1000-2)	2.4	2.2	2.1	2.2	8.9
	Pelargonium (1000-1)	2.6	2.5	2.5	2.4	10.0
	Alcea rosea var. annua 'Spring Celebrities Purple' (White?)	1.0	0.7	0.8	0.7	3.2
	Impatiens hawkeri PARADISE ROCOCO APRICOT	2.6	2.1	2.5	2.3	9.5
	Ipomoea 'Ragtime'	2.9	2.9	2.8		8.7
	Impatiens hawkeri PARADISE ROCOCO ORANGE	2.6	2.0	2.3	2.0	8.9
	Impatiens hawkeri PARADISE ROCOCO PINK	2.7	2.3	2.7	2.4	10.2
	Impatiens hawkeri PARADISE ROCOCO CHERRY	2.7	2.2	2.5	2.3	9.8
	Impatiens hawkeri PARADISE ROCOCO LAVENDER	2.7	2.3	2.6	2.3	10.0
	Solenostemon 'Tempest'	2.8	2.6	2.7		8.0
	Solenostemon 'Copper'	2.7	2.4	2.6		7.7
	Benary Seed					
	Pentas lanceolata 'Northern Lights Lavender'	3.0	2.6	3.0	2.5	11.1
	Begonia x benariensis BIG ROSE WITH BRONZE LEAF	2.9	3.0	2.9	3.0	11.9
	Begonia x benariensis BIG RED WITH GREEN LEAF	2.9	3.0	2.9	3.0	11.8
	Begonia x benariensis BIG RED WITH BRONZE LEAF IMPROVED	2.9	2.9	2.9	2.9	11.7
	Begonia x benariensis BIG PINK WITH GREEN LEAF	2.9	3.0	2.9	3.0	11.9
	Begonia boliviensis SANTA CRUZ SUNSET	2.6	2.3	2.5	2.4	9.8
	Rudbeckia hirta DENVER DAISY	2.7	2.5	2.6	2.9	10.7