

Missouri Botanical Garden Kemper Center for Home Gardening

Summer Annuals Trials 2016

1 = Undesirable 2 = Good 3 = Exceptional X = Top 20 picks

CV-ID	Plant Species	Heat Tolerance	Visual Appeal	Growth Rate	Flower Production	Total Sum Score
	AAS (order is east to west)					
x	Capsicum annuum 'Black Hawk'	2.9	2.9	2.9	2.6	11.3
	Petunia 'PAS1085269' TIDAL WAVE RED VELOUR	0.7	0.7	0.7	0.7	2.7
	Zinnia 'Profusion Double Deep Salmon'	2.4	2.2	2.3	2.4	9.3
	Impatiens hawkerii FLORIFIC SWEET ORANGE	0.5	0.5	0.5	0.5	2.0
x	Capsicum annuum 'Sedona Sun'	2.9	2.8	2.8	2.4	10.9
	Salvia coccinea SUMMER JEWEL LAVENDER	2.2	1.3	1.8	1.4	6.6
	Salvia coccinea SUMMER JEWEL WHITE	2.2	1.3	1.8	1.4	6.8
	Dianthus barbatus JOLT PINK	1.6	1.7	1.4	1.6	6.3
	Pelargonium hortorum 'Brocade Fire'	1.0	1.0	1.0	1.0	4.0
	Pelargonium hortorum 'Brocade Cherry Night'	0.9	0.9	0.9	0.9	3.8
	Capsicum annuum 'Pretty N Sweet'	2.8	2.3	2.3	2.0	9.3
	Ocimum basilicum 'Persian'	1.6	1.5	1.9		5.1
	Penstemon hartwegii 'Arabesque'	1.4	1.2	1.3	1.1	4.9
x	Impatiens x hybrida SunPatiens Spreading Shell Pink	2.7	2.6	2.6	2.7	10.5
	Lycopersicon esculentum 'Candyland Red'	2.7	2.2	2.7	1.2	8.8
	Ocimum basilicum 'Dolce Fresca'	1.5	1.4	1.6		4.5
	Gaura lindheimeri 'Sparkle White'	2.7	1.6	2.6	1.4	8.3
x	Impatiens Interspecific Bounce Pink Flame	2.8	2.7	2.8	2.7	11.0
						0.0
	Takii Seed (order is north to south)					0.0
	Petunia TRILOGY DEEP PURPLE	1.4	1.3	1.2	1.4	5.3
	Verbena 'Serenity Pink'	2.4	1.5	2.3	1.1	7.3
	Salvia coccinea SUMMER JEWEL LAVENDER	2.4	1.4	2.4	1.2	7.4
						0.0
	Proven Winners (order is east to west)					0.0
	Petunia SUPERTUNIA PICASSO IN PURPLE	1.6	1.6	1.6	1.4	6.2
	Ipomoea batatas SWEET CAROLINE BEWITCHED AFTER MIDNIGHT	2.9	2.6	2.8		8.3
	Petunia 'Ustuni60-01m' SUPERTUNIA VISTA SILVERBERRY	2.8	2.3	2.9	2.2	10.3
	Verbena 'RIKAV36504' SUPERBENA ROYALE PEACHY KEEN IMPROVED	1.7	1.2	1.2	1.1	5.1
	Petunia SUPERTUNIA VISTA FUCHSIA IMPROVED	2.6	2.2	2.7	2.2	9.7
	Verbena 'RIKAV38602' SUPERBENA ROYALE ROMANCE	2.0	1.2	1.6	1.1	5.9
x	Ipomoea batatas SWEET CAROLINE SWEETHEART JET BLACK	2.9	2.8	2.8		8.6
	Ipomoea batatas SWEET CAROLINE GREEN WITH ENVY	2.9	2.7	2.9		8.5
	Artemisia stelleriana QUICKSILVER	2.4	2.4	2.4		7.2
	Argyranthemum frutescens 'G14420' WHITE BUTTERFLY	1.3	1.2	1.2	1.2	4.9

	Pelargonium TIMELESS LAVENDER IMPROVED	1.9	1.9	1.9	1.7	7.5
	Impatiens hawkeri INFINITY LAVENDER IMPROVED	1.1	1.0	1.0	1.0	4.1
	Lamium maculatum PURPLE CHABLIS	0.8	0.8	0.8	0.4	2.8
	Calibrachoa 'JGCAL09404' SUPERBELLS GRAPE PUNCH IMPROVED	0.9	0.8	0.8	0.8	3.3
	Calibrachoa 'BBCAL27801' SUPERBELLS MORNING STAR	0.6	0.6	0.6	0.6	2.3
	Calibrachoa SUPERBELLS YELLOW IMPROVED	0.7	0.7	0.7	0.7	2.8
	Angelonia ANGELFACE SUPER PINK	2.4	1.8	2.6	1.5	8.3
	Angelonia ANGELFACE SUPER BLUE	2.6	1.8	2.6	1.6	8.6
	Angelonia ANGELFACE SUPER WHITE	2.4	1.7	2.4	1.4	8.1
	Cyperus papyrus GRACEFUL GRASSES PRINCE TUT	2.9	2.7	2.8		8.4
	Angelonia ANGELFACE PERFECTLY PINK	2.6	1.9	2.5	1.6	8.6
	Calibrachoa 'INCALIMRED' SUPERBELLS RED IMPROVED	0.7	0.6	0.6	0.7	2.6
	Calibrachoa 'INCALMIABE' SUPERBELLS CORALINA	1.1	1.1	1.1	1.1	4.2
	Calibrachoa 'BBCAL26702' SUPERBELLS HOLLYWOOD STAR	0.8	0.8	0.8	0.8	3.1
	Calibrachoa 'INCALTRSUN' SUPERBELLS TROPICAL SUNRISE	0.6	0.6	0.6	0.6	2.4
	Canna TOUCAN YELLOW	2.9	2.7	2.8	2.7	11.2
	Canna TOUCAN RED	2.9	2.7	2.9	2.7	11.2
	Canna TOUCAN SCARLET	2.9	2.8	2.8	2.7	11.2
x	Canna TOUCAN ROSE	2.9	2.8	2.9	2.9	11.5
						0.0
	Euro-American (order is east to west)					0.0
x	Catharanthus roseus SOIREE CROWN PINK	2.7	2.6	2.7	2.7	10.7
	Catharanthus hybrid SOIREE KAWAII LAVENDER	1.3	1.3	1.2	1.4	5.2
	Catharanthus roseus CROWN DOUBLE WHITE	1.9	1.8	1.9	1.9	7.6
	Catharanthus roseus CROWN DOUBLE PINK	2.6	2.5	2.7	2.6	10.4
	Bidens CUPCAKE STRAWBERRY	2.7	1.5	2.7	1.4	8.3
	Catharanthus roseus SOIREE KAWAII PINK	2.3	2.1	2.2	2.5	9.1
	Catharanthus roseus SOIREE KAWAII CORAL	2.6	2.6	2.6	2.6	10.4
	Catharanthus roseus SOIREE CROWN ROSE	1.0	0.9	0.9	0.9	3.7
	Cuphea llavea VIENCO LAVENDER	2.8	2.5	2.7	2.3	10.2
	Cuphea llavea VIENCO PURPLE PINK	2.7	2.6	2.7	2.3	10.3
x	Cuphea llavea VIENCO PURPLE RED	2.7	2.7	2.7	2.3	10.4
	Penstemon 'Novapenros' QUARTZ ROSE	1.8	1.2	1.6	1.1	5.7
	Argyranthemum 'Lolly'	1.9	1.3	1.3	1.0	5.4
	Rhodanthemum gayanum 'Pretty in Pink'	1.8	1.3	1.2	1.2	5.5
	Dianelle opolvista	2.4	1.6	1.6		5.6
	Oenothera drummondii 'Canary Rose'	2.7	1.7	2.3	1.3	8.0
						0.0
	Ball Floral Co. (order is north to south)					0.0
	Catharanthus roseus TITAN REALLY RED	2.3	1.8	1.7	2.2	8.1
x	Lantana camara LUCKY RED	2.9	2.9	2.9	2.8	11.5
x	Begonia 'Megawatt Rose Green Leaf'	2.7	2.7	2.7	2.7	10.7
x	Alternanthera brasiliana 'Purple Prince'	2.9	2.9	3.0		8.9

	Capsicum annuum 'Sedona Sun'	2.8	2.7	2.7	2.3	10.5
	Plectranthus 'UF9837' FLAMETHROWER HABANERO	2.9	2.8	2.9		8.6
	Petunia 'Balcushlu' ColorRush Pink	0.6	0.5	0.6	0.6	2.3
	Verbena 'Balendmag' ENDURASCAPE MAGENTA	1.8	1.3	1.9	1.2	6.3
	Coreopsis grandiflora 'SunKiss'	2.2	1.8	1.9	1.5	7.4
	Angelonia angustifolia 'Balarcher' ARCHANGEL CHERRY RED	2.8	1.7	2.7	1.4	8.6
	Zinnia marylandica ZAHARA XL FIRE IMPROVED	2.6	2.2	2.2	2.4	9.4
	Plectranthus 'French Quarter'	2.9	2.8	2.8		8.5
	Canna 'Cannova Orange Shades'	2.8	2.7	2.7	2.7	10.9
	Petunia 'Balcushpar' ColorRush Pink Star	1.9	1.4	1.8	1.3	6.4
	Verbena 'Balendpibi' ENDURASCAPE PINK BICOLOR	1.3	1.2	1.2	1.3	4.9
	Gaillardia x grandiflora 'Mesa Red'	2.7	2.1	2.6	2.6	9.9
	Zinnia ZAHARA DOUBLE BRILLIANT MIX	2.1	2.0	2.0	2.2	8.3
	Angelonia angustifolia 'Balarclubi' ARCHANGEL BLUE BICOLOR	2.6	1.6	2.5	1.3	8.0
x	Canna 'Cannova Mango'	2.8	2.7	2.7	2.1	10.3
x	Plectranthus 'Inferno'	2.8	2.8	2.8		8.5
	Petunia 'Balcushlu' ColorRush Blue	0.6	0.5	0.6	0.5	2.1
	Verbena 'Balendurim' ENDURASCAPE PURPLE IMPROVED	1.4	1.2	1.3	1.2	5.0
x	Begonia 'Megawatt Red Green Leaf'	2.9	2.9	2.9	2.8	11.6
	Begonia 'Megawatt Pink Bronze Leaf'	2.8	2.8	2.9	2.8	11.3
x	Plectranthus 'Ruby Slipper'	2.8	2.8	2.8	2.2	10.7
						0.0
	Sakata Seed Co. (order is east to west)					0.0
x	Impatiens SUNPATIENS COMPACT FIRE RED	2.8	2.7	2.7	2.7	10.9
	Impatiens SUNPATIENS COMPACT ORCHID	2.7	2.7	2.7	2.7	10.8
x	Impatiens SUNPATIENS SPREADING PINK KISS	2.4	2.2	2.6	2.3	9.4
	Tagetes PROUD MARI YELLOW	1.9	1.8	1.8	1.8	7.3
	Eustoma grandiflorum ROSITA 2 BLUE PICOTEE	0.8	0.7	0.7	0.7	2.8
	Dianthus DIAMOND SCARLET IMPROVED	2.6	2.4	2.4	2.5	9.9
x	Gomphrena globosa 'Ping Pong Lavender'	2.7	2.7	2.7	2.8	10.9
	Eustoma grandiflorum 'Rosanne 1 Black Pearl'	0.8	0.6	0.7	0.6	2.7
x	Tagetes PROUD MARI ORANGE	2.7	2.3	2.7	2.8	10.4
	Gomphrena globosa 'Ping Pong Purple'	2.7	2.7	2.7	2.7	10.8
	Gomphrena globosa 'Ping Pong White'	2.8	2.8	2.8	2.8	11.1
x	Impatiens SUNPATIENS COMPACT TROPICAL ROSE	2.0	2.3	2.3	2.1	8.6
	Celosia argentea (Plumosa Group) 'Dragon's Breath'	2.8	2.9	2.9		8.6