

Size Data, End-of-Season Comments and Flowering Data for Varieties Grown in the Ground

Genus	Cultivar	New**	7/30H*	7/30W*	9/9H*	9/9W*	Hail***	Comments mid-September by Coordinator and Research Associate
								Summarized Flowering Data for Entire Season
Acalypha	Showtime		45	21	70	30		Vigorous, beautiful glossy foliage/ Primarily grown for foliage.
Achillea ptarmica	Gypsy White		30	34	32	46		Average overall/ Flowered strong in August.
Achillea ptarmica	Noblessa		44	60	44	70		Vigorous, many flowers, significant lodging/ Moderate flowering through season.
Achillea tomentosa	Goldie		21	15	26	34		Moderate flowering and vigor/ Weak flowering through early August. Moderate flowering in August and September.
Ageratum	Patina Purple 10	New	23	44	25	47	H	Many flowers/ Flowered strong through season.
Ajuga	Black Scallop	New	19	25	20	42		Uniform, impressive dark glossy foliage/ Primarily grown for foliage but flowered lightly through season.
Alternanthera	Brazilian Red Hot		40	41	46	46		Very colorful foliage, slightly leggy/ Primarily grown for foliage.
Alternanthera	Red Thread		30	43	28	52		Vigorous, uniform, impressive texture and foliage color/ Primarily grown for foliage.
Alternanthera	True Yellow		11	22	14	34		Uniform, a little scorched on leaf edges/ Primarily grown for foliage.
Angelonia	AngelMist Deep Plum Improved		51	42	66	54		Few flowers, declining/ Flowered strong mid-July through early September.
Angelonia	AngelMist Purple Stripe		56	44	76	58		Vigorous, uniform, moderate flowering/ Moderate flowering mid-July through September.
Angelonia	AngelMist Spreading Pink		19	30	0	0		All dead from disease/ Flowered strong mid-July through mid-August.
Angelonia	AngelMist Spreading White		23	32	24	42		80% dieback from disease/ Moderate flowering in mid-July through mid-August.
Angelonia	Carita Deep Pink 09		35	38	54	40		Vigorous, few flowers, uniform/ Moderate flowering in mid-July through mid-August.
Angelonia	Carita Lavender 09		31	29	40	32		40% dieback from disease/ Flowered strong mid/late July through August.
Angelonia	Carita Raspberry		29	36	42	52		Vigorous, many flowers, 5% dieback from disease/ Flowered strong mid-July through early September.
Angelonia	Carita White 09		36	31	48	58		Uniform, 75% dieback from disease/ Moderate flowering in mid-July through mid-August.
Angelonia	Serena Purple		32	35	44	36		Average overall, 10% dieback from disease/ Flowered strong mid-July through early September.
Angelonia	Serena White		37	39	52	38		80% dieback from disease/ Moderate flowering in mid-July through mid-August.

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Angelonia	SunDancer Pink		34	34	34	48		Moderate flowering, 30% dieback from disease/ Moderate/strong flowering mid-July through early September.
Angelonia	SunDancer Purple		40	37	56	48		Non-uniform, moderate flowering/ Weak/moderate flowering through season.
Bacopa	Secrets XXL Blue Delight	New	22	33	24	35		Few flowers, severe chlorosis/ Moderate flowering late July through mid/late August.
Bacopa	Secrets XXL Central Pink	New	17	25	18	25		Moderate flowering, 30% dieback from disease/ Moderate flowering mid-July through September.
Bacopa	Secrets XXL Silver Sky	New	21	30	37	52		Vigorous, many flowers, non-uniform/ Flowered strong through July. Moderate flowering in August/September.
Bacopa	Snowstorm Blue	New	18	29	28	42		Few flowers, some chlorosis/ Weak/moderate flowering through season.
Bacopa	Snowstorm Pink Imp.	New	18	29	24	37		Moderate flowering, some chlorosis/ Flowered strong through July. Moderate flowering in August/September.
Begonia (wax)	Super Olympia Bicolor		27	30	37	33		Low vigor, many flowers/ Flowered strong through season.
Begonia (wax)	Volumia Light Pink		34	35	39	36		Many flowers, uniform/ Flowered strong early July through September.
Begonia (wax)	Volumia Pink		36	33	52	37		Vigorous, many flowers, uniform/ Flowered strong through season.
Begonia (wax)	Volumia Rose Bicolor		19	24	36	37		Many flowers, non-uniform/ Flowered strong through season.
Begonia (wax)	Volumia Scarlet		27	31	44	44		Vigorous, many flowers, flowers top-heavy and falling/ Flowered strong through season.
Begonia (wax)	Volumia White		27	31	38	35		Vigorous, many flowers, uniform/ Flowered strong early July through September.
Begonia hybrid	Braveheart Rose Bicolor		29	35	42	51		Many flowers, uniform/ Moderate/strong flowering early July through September.
Begonia x benariensis	BIG Red Bronze Leaf		40	45	65	57		Vigorous, many flowers, leggy/ Flowered strong through season.
Begonia x benariensis	BIG Red Green Leaf		43	42	58	48		Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Begonia x benariensis	BIG Rose Bronze Leaf		32	32	55	37		Vigorous, many flowers/ Flowered strong through season.
Bidens	Mexican Gold Compact		22	39	20	36		Few flowers, non-uniform/ Flowered strong through July. Moderate flowering in August.
Bidens	Yellow Charm		25	34	32	44		Vigorous, many flowers/ Flowered strong mid-July through September.
Bracteantha	Strawburst Yellow		42	33	48	50	H	Vigorous, many flowers, uniform/ Flowered strong through season.

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Browallia	Mary Blue		38	27	40	41	H	Many flowers, non-uniform/ Moderate flowering through season.
Bulbine	Orange	New	68	40	66	74	H	Few flowers, past prime/ Weak/moderate flowering through season.
Calibrachoa	Callie Deep Yellow		24	44	22	32	H	90% dieback from disease/ Flowered strong through mid/late August.
Calibrachoa	Callie Light Blue		11	32	17	43	H	Many flowers, some chlorosis/ Flowered strong early July through early September.
Calibrachoa	Callie Purple 07		11	41	13	47	H	Some chlorosis, moderate flowering/ Flowered strong through July. Moderate flowering in August and September.
Calibrachoa	Callie Rose		10	44	15	47	H	Few flowers, 15% dieback from disease/ Flowered strong mid to late July. Moderate flowering in August.
Calibrachoa	Noa Dark Pink Carnival	New	11	46	14	47	H	Many flowers, some chlorosis/ Flowered strong mid-July through September.
Calibrachoa	Noa Mango Eye Improved	New	13	36	17	48	H	Many flowers, uniform, some chlorosis/ Flowered strong late July through September.
Calibrachoa	Noa Mega Raspberry	New	17	30	19	40	H	Low vigor, few flowers, 70% dieback from disease/ Flowered strong through mid-August.
Calibrachoa	Noa Tangerine	New	10	39	14	41	H	Low vigor, few flowers, some chlorosis/ Weak/moderate flowering through season.
Calitunia	Pink	New	11	48	12	49	H	Low vigor, very chlorotic, no flowers/ Weak flowering through season.
Calitunia	Purple		25	66	28	69	H	Few flowers, healthy plants/ Flowered strong mid-July through mid/late August.
Carex	Graceful Grasses Toffee Twist		42	54	58	62		Vigorous, uniform, unique color/ Primarily grown for foliage.
Celosia	Amigo Red		7	10	9	12		Very low vigor, non-uniform, 85% dieback/ Weak flowering through season.
Celosia	Armor Orange		15	22	15	23		Non-uniform, some chlorosis, severe lodging/ Moderate flowering through season.
Celosia	Armor Purple		17	24	18	21		Non-uniform, all flowers flopped to ground/ Moderate flowering through season.
Celosia	Armor Red		20	27	19	32		Severe lodging/ Moderate flowering through season.
Celosia	Fresh Look Gold		41	20	44	50		Okay color, 70% lodging/ Flowered strong through season.
Chrysocephalum	Flambe Orange		22	39	26	39		Vigorous, many flowers, still very showy/ Flowered strong through season.
Chrysocephalum	Flambe Yellow		28	30	32	34		Moderate flowering, still showy/ Flowered strong through season.

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Cleome	Senorita Rosalita		110	90	114	114	H	Vigorous, many flowers, uniform/ Flowered strong July through September.
Coleus	Carnival		13	16	22	33		Non-uniform, vigor is variable on plants/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	Chocolate Splash	New	50	33	66	50		Vigorous, non-uniform, moderate flowering/ Primarily grown for foliage but produced many flowerd throughout the season.
Coleus	ColorBlaze Dark Star		49	35	70	68		Vigorous, uniform, color never faded, minor flowering/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	ColorBlaze Dipt In Wine		51	44	55	50		Vigorous, significant lodging, minor flowering/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	ColorBlaze Kingswood Torch		68	43	87	60		Vigorous, many flowers, uniform/ Primarily grown for foliage but produced many flowers throughout the season.
Coleus	ColorBlaze LifeLime		56	46	60	62		Vigorous, non-uniform, some lodging/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	ColorBlaze Royal Glissade		62	46	68	57		Vigorous, severe lodging/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	ColorBlaze Sedona		84	42	88	56		Vigorous, uniform, unique color, significant flowering/ Primarily grown for foliage but produced many flowers throughout the season.
Coleus	Golden Shades	New	25	20	36	39		Low vigor, non-uniform, variable color/ Primarily grown for foliage
Coleus	Indian Summer		52	42	60	47		Vigorous, non-uniform, some lodging/ Primarily grown for foliage
Coleus	Marble Red	New	55	28	56	40		Average overall/ Primarily grown for foliage
Coleus	Mint Mocha		73	40	63	43		Vigorous, extreme variation in foliage color/ Primarily grown for foliage
Coleus	Mixer	New	63	36	63	46		Vigorous, uniform, unique color/ Primarily grown for foliage
Coleus	Pink Ruffles	New	48	26	60	44		Vigorous, slight lodging/ Primarily grown for foliage
Coleus	Red Head	New	52	19	67	54		Vigorous, uniform, slightly green on edges/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	Sibila	New	51	38	63	68		Vigorous, uniform/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	Trusty Rusty	New	57	50	76	62		Vigorous, uniform/ Primarily grown for foliage
Coleus	Two Egg	New	54	46	68	67		Vigorous, uniform, unstable foliage color but still attractive/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	Versa Burgundy to Green	New	57	36	80	58		Vigorous, some lodging/ Primarily grown for foliage

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Coleus	Versa Crimson Gold	New	47	32	60	47		Moderate lodging on 25% of plants/ Primarily grown for foliage
Coleus	Versa Green Halo	New	48	36	63	37		Severe lodging on 25% of plants, breakage/ Primarily grown for foliage
Coleus	Versa Lime	New	72	48	62	74		Non-uniform, severe lodging/ Primarily grown for foliage but produced some flowers throughout the season.
Coleus	Versa Rose to Lime	New	45	20	55	50		Some lodging on 2 of 24 plants/ Primarily grown for foliage
Coleus	Versa Watermelon	New	40	12	43	31		Low vigor, looks spindly/ Primarily grown for foliage
Coreopsis	Corey Yellow		59	46	60	54		Vigorous, many flowers, non-uniform/ Flowered strong early July through September.
Crossandra	Apricot Sun		20	23	20	28		Few flowers, some chlososis, scorching or disease on foliage/ Weak flowering through season.
Cuphea	Totally Tempted		35	40	31	41	H	Vigorous, many flowers, some foliage dieback/ Flowered strong early July through September.
Cyperus	Graceful Grasses Baby Tut		55	48	99	62		Vigorous/ Primarily grown for foliage.
Cyperus	Graceful Grasses King Tut		131	70	192	79		Vigorous, great texture/ Primarily grown for foliage.
Dahlia	Angel Star Wars		30	28	40	29		Few flowers, non-uniform, severe lodging/ Weak/moderate flowering through season.
Dahlia	Dahlinova California		25	25	43	32		Non-uniform, 30% dieback from disease/ Moderate flowering late July through mid-August.
Dahlia	Dahlinova Hypnotica Bronze Bi Color		46	49	46	52		Vigorous, many flowers, non-uniform, slight lodging/ Flowered strong mid/late July through September.
Dahlia	Dahlinova Hypnotica Light Pink		41	30	52	48		Vigorous, many flowers, non-uniform/ Flowered strong mid-July through September.
Dahlia	Dahlinova Hypnotica Orange		40	41	50	46		Vigorous, many flowers, non-uniform/ Flowered strong mid/late July through September.
Dahlia	Dahlinova Hypnotica Pink		42	37	31	42		Non-uniform, overall fair appearance/ Flowered strong mid-July through September.
Dahlia	Dahlinova Hypnotica Red		46	41	50	48		Vigorous, many flowers, non-uniform/ Flowered strong August through September.
Dahlia	Dahlinova Hypnotica White		41	39	48	54		Vigorous, uniform, moderate flowering/ Weak flowering through mid-August. Moderate flowering mid-August through September.
Dahlia	Dahlinova Hypnotica Yellow		38	31	54	38		Vigorous, uniform/ Weak/moderate flowering through season.

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Dahlia	Dahlinova Louisiana		23	25	25	25		Few flowers, poor overall, 75% dieback from disease/ Moderate/strong flowering mid-July through late August.
Dahlia	Dahlinova New York		29	28	38	34		Few flowers, non-uniform/ Flowered strong mid-July through August.
Dahlia	Dark Angel Dracula		48	36	65	42		Vigorous, many flowers, 2 of 24 plants lodging/ Flowered strong mid-July through September.
Delphinium	Diamonds Blue	New	51	30	60	44		Vigorous, few flowers, uniform, flowers fade quickly after peak/ Flowered strong in August and early September.
Delphinium	Summer Cloud		24	17	31	24		Moderate flowering, non-uniform flowering, showy/ Flowered strong in August.
Dianthus	Bouquet Purple		54	53	55	46		Vigorous, moderate flowering/ Moderate flowering through season.
Dianthus	Bouquet Rose	New	41	22	44	36		Few flowers, non-uniform/ Flowered strong early July through August.
Dianthus	Bouquet Rose Magic		48	35	45	36		Vigorous, few flowers/ Flowered strong early July through August.
Dianthus	Elegance White	New	62	35	56	63		Few flowers, some lodging/ Moderate/strong flowering through August.
Dianthus	Flavora Rose Shades		23	36	31	38		Few flowers, non-uniform, uneven vigor/ Weak/moderate flowering through season.
Dianthus	Garden Spice Bi Color		23	28	30	40		Few flowers, uniform/ Flowered strong through mid/late July. Weak flowering in August.
Dianthus	Garden Spice Coral		40	28	40	45		Vigorous, moderate flowering/ Moderate flowering through season.
Dianthus	Garden Spice Fuchsia		31	39	34	40		Vigorous, uniform, moderate flowering/ Flowered strong mid-July through September.
Dianthus	Garden Spice Marble		35	35	37	47		Few flowers, uniform/ Flowered strong late July through August.
Dianthus	Garden Spice Red		32	29	35	34		Few flowers, non-uniform/ Weak/moderate flowering through season.
Dianthus	Polar Coral		32	32	41	29		Vigorous, few flowers, uniform/ Flowered strong through early September.
Dianthus	Polar Crimson		27	26	35	33		Vigorous, few flowers, uniform/ Flowered strong through August.
Dianthus	Polar Pink Blush		27	35	25	39		Few flowers/ Flowered strong through August.
Dianthus	Polar Purple		29	31	27	27		Vigorous, few flowers, uniform/ Flowered strong mid-July through mid/late August.
Dianthus	Polar Purple Picotee		35	29	32	40		Vigorous, few flowers/ Flowered strong through August.

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Dianthus	Polar Red Picotee		26	38	33	41		Vigorous, few flowers/ Flowered strong through August.
Dianthus	Polar Rose		25	30	35	35		Vigorous, few flowers/ Flowered strong early July through August.
Dianthus	Supra Purple		29	20	33	50		Moderate flowering, healthy foliage/ Flowered strong through season.
Diascia	Darla Appleblossom		43	35	44	43	H	Vigorous, many flowers/ Flowered strong through season.
Diascia	Darla Light Pink		34	32	34	32	H	Looks good, moderate flowering/ Flowered strong through season.
Diascia	Diamonte Coral Rose		37	54	32	55		Healthy, 60% fewer flowers than when at peak/ Flowered strong through mid-August.
Diascia	Flirtation Orange	New	25	30	29	30	H	Non-uniform, moderate flowering/ Moderate flowering through season.
Duranta	Lemon Drop		27	20	45	52	H	Very healthy foliage, unique foliage color/ Primarily grown for foliage.
Euphorbia	Diamond Frost		41	33	64	50		Vigorous, many flowers, non-uniform/ Flowered strong through season.
Euphorbia	Hip Hop	New	33	34	57	54		Vigorous, many flowers, very delicate, impressive uniformity/ Flowered strong through season.
Euphorbia	Silver Fog	New	29	37	40	39		Vigorous, many flowers, uniform/ Flowered strong through season.
Euphorbia	White Manaus	New	45	30	67	43		Vigorous, many flowers/ Flowered strong in late July, then again in mid/late August.
Gaillardia	Arizona Sun		46	66	43	76		75% dieback from disease, rest look good/ Flowered strong through July. Moderate flowering in August.
Gaillardia	Mesa Yellow		38	32	50	30		40% dieback from disease, rest look good/ Moderate flowering in July. Then again mid-August through September.
Gaillardia	Sunburst Burgundy		45	52	45	53	H	Few flowers, not showy/ Flowered strong mid-July through mid-August.
Gaillardia	Sunburst Scarlet Halo		42	40	42	42	H	Few flowers, non-uniform/ Flowered strong mid-July through mid-August.
Gazania	Big Kiss White Flame	New	31	24	26	36		Looks good overall/ Flowered strong in August.
Gazania	Big Kiss Yellow Flame	New	24	30	28	44		30% dieback/ Flowered strong in August.
Geranium (exotic)	Crystal Palace		32	32	48	50	H	Vigorous, many flowers, uniform, looks fresh/ Moderate flowering early/mid August through September.
Geranium (exotic)	Graffiti Double Salmon		22	27	36	41	H	Moderate flowering, uniform/ Moderate flowering mid-July through September.

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Geranium (exotic)	Graffiti Violet		36	32	44	39	H	Vigorous, few flowers/ Moderate flowering late July through early September.
Geranium (interspecific)	Caliente Coral		31	39	54	57	H	Vigorous, many flowers, uniform/ Flowered strong mid-August through September.
Geranium (interspecific)	Caliente Deep Red		26	34	40	50	H	Moderate flowering, uniform, slight chlorosis/ Weak/moderate flowering through season.
Geranium (interspecific)	Caliente Hot Coral	New	23	29	31	26		Many flowers, uniform, attractive dark foliage/ Weak/moderate flowering through season.
Geranium (interspecific)	Caliente Orange	New	28	42	40	44	H	Vigorous, uniform, excellent long lasting flowers/ Flowered strong mid-July through September.
Geranium (interspecific)	Caliente Pink	New	25	39	26	54	H	Vigorous, many flowers, non-uniform/ Flowered strong late July through September.
Geranium (interspecific)	Caliente Rose		25	37	37	45	H	Vigorous, many flowers/ Flowered strong mid-August through September.
Geranium (interspecific)	Calliope Dark Red		39	46	47	50	H	Vigorous, many flowers, uniform/ Moderate flowering mid-July through September.
Geranium (interspecific)	Calliope Scarlet Fire	New	32	38	45	48	H	Vigorous, many flowers, uniform/ Weak/moderate flowering late July through September.
Geranium (seed)	Orbit Synchro Appleblossom	New	26	28	46	47	H	Moderate flowering, slight chlorosis/ Flowered strong mid/late July through early September.
Geranium (seed)	Orbit Synchro Hot Pink	New	36	44	45	48	H	Moderate flowering/ Moderate flowering late July through September.
Geranium (seed)	Orbit Synchro Salmon	New	33	32	40	58	H	Vigorous, many flowers, uniform/ Moderate/strong flowering mid-July through September.
Geranium (seed)	Orbit Synchro Scarlet	New	34	30	45	51	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Geranium (seed)	Orbit Synchro White	New	34	31	46	41	H	Uniform, moderate flowering/ Moderate/strong flowering mid-July through September.
Geranium (seed)	Pinto Coral		35	36	39	55	H	Vigorous, many flowers, uniform, very showy/ Flowered strong August through September.
Geranium (seed)	Pinto Deep Rose		37	39	47	52	H	Vigorous, many flowers, uniform/ Flowered strong August through September.
Geranium (seed)	Pinto Pink		38	39	54	58	H	Vigorous, many flowers/ Flowered strong late July through September.
Geranium (seed)	Pinto Red		39	42	53	58	H	Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Geranium (seed)	Pinto Salmon		38	36	46	48	H	Vigorous, many flowers, uniform, very showy/ Flowered strong mid/late July through September.
Geranium (seed)	Pinto Violet		37	39	48	51	H	Vigorous, many flowers/ Flowered strong August through September.

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Geranium (seed)	Pinto White		41	35	59	62	H	Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Geranium (zonal)	Americana Coral		22	29	26	41	H	Moderate flowering, non-uniform/ Flowered strong late July through early September.
Geranium (zonal)	Americana Cranberry Red	New	28	36	34	47	H	Vigorous, uniform, moderate flowering/ Moderate flowering late July through September
Geranium (zonal)	Americana Dark Red		38	38	44	61	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Geranium (zonal)	Americana Mega Pink Splash		25	35	32	40	H	Vigorous, many flowers, uniform/ Flowered strong early/mid August through September.
Geranium (zonal)	Americana Pink III		35	35	41	54	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.
Geranium (zonal)	Americana Salmon		32	36	47	58	H	Vigorous, many flowers, uniform/ Moderate flowering mid-July through September.
Geranium (zonal)	Americana Violet		29	33	41	46	H	Uniform, moderate flowering, slight chlorosis/ Flowered strong early July through September.
Geranium (zonal)	Americana White		36	36	43	64	H	Vigorous, many flowers, uniform/ Moderate/strong flowering late July through September.
Geranium (zonal)	Americana White Splash 09		23	36	27	54	H	Non-uniform, moderate flowering/ Flowered strong late July through August.
Geranium (zonal)	Classic Dark Salmon		26	34	40	49	H	Many flowers, uniform/ Flowered strong late July through September.
Geranium (zonal)	Classic Pink		25	29	30	34	H	Average overall/ Moderate/strong flowering mid-July through September.
Geranium (zonal)	Classic Salmon		26	36	44	48	H	Non-uniform, moderate flowering/ Flowered strong mid-July through August.
Geranium (zonal)	Classic White		28	42	29	29	H	Non-uniform, moderate flowering/ Flowered strong mid/late July through early September.
Geranium (zonal)	Compact Salmon		30	37	43	52	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.
Geranium (zonal)	Daredevil Claret		34	41	44	57	H	Vigorous, moderate flowering, non-uniform blooming/ Flowered strong late July through early September.
Geranium (zonal)	Daredevil Fire		29	33	37	44	H	Vigorous, moderate flowering, non-uniform/ Weak flowering through early August. Moderate flowering August to September.
Geranium (zonal)	Daredevil Mulberry		29	33	38	44	H	Vigorous, moderate flowering/ Flowered strong late July through September.
Geranium (zonal)	Daredevil Orchid		35	41	43	49	H	Vigorous, many flowers, uniform/ Flowered strong August through September.
Geranium (zonal)	Daredevil Rosita		32	37	40	52	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.

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Size Data, End-of-Season Comments and Flowering Data for Varieties Grown in the Ground

Genus	Cultivar	New**	7/30H*	7/30W*	9/9H*	9/9W*	Hail***	Comments mid-September by Coordinator and Research Associate
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Geranium (zonal)	Daredevil Salmon		29	38	48	49	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.
Geranium (zonal)	Daredevil Snow		32	35	40	54	H	Many flowers, uniform/ Flowered strong mid-July through September.
Geranium (zonal)	Master Idols Coral		20	33	20	34	H	Low vigor, few flowers/ Weak/moderate flowering through season.
Geranium (zonal)	Master Idols Neon Purple		22	26	32	40	H	Average overall/ Moderate flowering from mid-July through September.
Geranium (zonal)	Master Idols Pink		32	36	41	54	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.
Geranium (zonal)	Master Idols Scarlet		28	30	46	60	H	Vigorous, many flowers, non-uniform/ Flowered strong mid/late July through September
Geranium (zonal)	Master Idols White		34	37	41	40	H	Vigorous, moderate flowering/ Moderate/strong flowering mid-July through September.
Geranium (zonal)	Meridonna		30	39	32	42	H	Non-uniform, moderate flowering/ Moderate flowering late July through September.
Geranium (zonal)	Meriflame		33	40	45	49	H	Vigorous, many flowers, uniform/ Moderate/strong flowering mid-July through September.
Geranium (zonal)	Merilovely		26	28	34	44	H	Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Geranium (zonal)	Meripino		32	35	36	48	H	Vigorous, uniform, moderate flowering, nice dark foliage/ Moderate flowering mid-July through September.
Geranium (zonal)	Merisnow		31	33	36	42	H	Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Geranium (zonal)	Patriot Bright Red		29	27	41	38	H	Vigorous, many flowers, uniform/ Moderate/strong flowering in late July through September.
Geranium (zonal)	Patriot Bright Violet		22	30	29	40	H	Average overall/ Moderate/strong flowering in August.
Geranium (zonal)	Patriot Lavender Blue		32	34	36	48	H	Vigorous, many flowers/ Flowered strong late July through September.
Geranium (zonal)	Patriot Orange		27	26	29	47	H	Moderate flowering, non-uniform, low vigor/ Moderate flowering August through September.
Geranium (zonal)	Pinnacle Melon	New	26	31	25	37	H	Low vigor, few flowers/ Weak/moderate flowering through season.
Geranium (zonal)	Pre-Introduction Zonale Red 17	New	28	36	28	38	H	Low vigor, few flowers/ Moderate/strong flowering late July through August.
Geranium (zonal)	Rocky Mountain Dark Red		30	44	36	60	H	Uniform, moderate flowering/ Moderate/strong flowering mid-July through September.
Geranium (zonal)	Rocky Mountain Deep Rose 09		31	33	46	57	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.

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Geranium (zonal)	Rocky Mountain Orange		39	41	41	54	H	Vigorous, non-uniform, moderate flowering/ Flowered strong mid/late July through early September.
Geranium (zonal)	Rocky Mountain Red		30	35	47	52	H	Vigorous, moderate flowering/ Flowered strong late July through September.
Geranium (zonal)	Rocky Mountain Salmon		27	38	40	46	H	Vigorous, many flowers, uniform/ Moderate/strong flowering August through September.
Geranium (zonal)	Rocky Mountain Violet		24	23	30	28	H	Non-uniform, moderate flowering/ Moderate/strong flowering August to September.
Geranium (zonal)	Rocky Mountain White		35	28	37	52	H	Low vigor, moderate flowering, looks leggy/ Flowered strong mid/late July through early September.
Geranium (zonal)	Savannah Dark Red		26	31	34	49	H	Non-uniform, moderate flowering/ Flowered strong late July through early September.
Geranium (zonal)	Savannah Hot Pink Sizzle	New	22	24	20	30	H	Uniform, moderate flowering/ Flowered strong mid-July through September.
Geranium (zonal)	Savannah Lavender Splash		27	30	26	30	H	Non-uniform, moderate flowering/ Moderate flowering mid-July through September.
Geranium (zonal)	Savannah Lilac Charme		23	29	25	44	H	Non-uniform, moderate flowering/ Moderate flowering in August and September.
Geranium (zonal)	Savannah Pink		22	24	25	32	H	Moderate flowering, small but healthy plants/ Moderate flowering mid-August through September.
Geranium (zonal)	Savannah Pink Sizzle		27	37	45	50	H	Vigorous, uniform, moderate flowering/ Moderate flowering late July through September.
Geranium (zonal)	Savannah Punch		32	36	28	46	H	Many flowers, uniform/ Flowered strong mid/late July through September.
Geranium (zonal)	Savannah Red		29	37	40	48	H	Uniform, moderate flowering/ Flowered strong mid/late July through September.
Geranium (zonal)	Savannah White	New	24	31	22	27	H	Low vigor, moderate flowering, looks leggy/ Moderate flowering mid-July through September.
Geranium (zonal)	Schone von Rheinberg (TBD)	New	35	30	43	50	H	Vigorous, uniform, exceptional flowering appearance/ Flowered strong mid-July through September.
Geranium (zonal)	Summer Idols Dark Salmon		24	26	24	26	H	Many flowers, uniform/ Flowered strong mid/late July through September.
Geranium (zonal)	Summer Idols Lilac w/eye		18	21	14	24	H	Low vigor, few flowers, non-uniform/ Weak/moderate flowering through season.
Geranium (zonal)	Summer Idols Pink		27	36	36	46	H	Non-uniform/ Flowered strong in August.
Geranium (zonal)	Summer Idols Rose w/eye		19	23	24	32	H	Non-uniform, moderate flowering/ Flowered strong mid-July through early September.
Geranium (zonal)	Summer Idols White		25	33	27	40	H	Low vigor, few flowers/ Flowered strong mid/late July through late August.

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Geranium (zonal)	Survivor Apple Blossom		28	34	35	45	H	Vigorous, many flowers/ Flowered strong late July through September.
Geranium (zonal)	Survivor Cherry 09	New	25	33	31	53	H	Vigorous, many flowers, uniform/ Flowered strong August through September.
Geranium (zonal)	Survivor Dark Red 09	New	34	40	48	57	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Geranium (zonal)	Survivor Fuchsia	New	30	34	35	43	H	Average overall/ Flowered strong mid/late July through August.
Geranium (zonal)	Survivor Hot Pink		25	30	23	38	H	Few flowers, non-uniform/ Moderate flowering in August.
Geranium (zonal)	Survivor Marine	New	27	29	29	28	H	Vigorous, moderate flowering/ Flowered strong late July through early September.
Geranium (zonal)	Survivor Neon Violet		25	35	34	52	H	Non-uniform, moderate flowering/ Flowered strong mid-July through early September.
Geranium (zonal)	Survivor Salmon		28	31	41	41	H	Vigorous, uniform, moderate flowering/ Flowered strong late July through August.
Geranium (zonal)	Survivor Salmon Pink	New	31	35	42	48	H	Vigorous, uniform, moderate flowering/ Flowered strong late July through August.
Geranium (zonal)	Survivor Scarlet	New	25	33	30	31	H	Many flowers, non-uniform/ Flowered strong mid-August through September.
Geranium (zonal)	Tango 09		28	39	32	59	H	Moderate flowering, non-uniform plant size/ Moderate flowering mid-July through September.
Geranium (zonal)	Tango Deep Pink		22	29	32	48	H	Non-uniform, moderate flowering/ Moderate flowering August through September.
Geranium (zonal)	Tango Hot Pink		21	32	24	32	H	Moderate flowering, small but healthy plants/ Moderate flowering mid-July through September.
Geranium (zonal)	Tango Red 09		32	34	38	46	H	Vigorous, many flowers, uniform/ Moderate flowering through early August. Flowered strong August through September.
Geranium (zonal)	Tango Violet 10		28	29	36	40	H	Many flowers, non-uniform/ Flowered strong August through September.
Geranium (zonal)	TexMex Fire	New	32	36	32	44	H	Few flowers, uniform plant growth/ Flowered strong mid-July through August.
Gomphrena	Fireworks	New	133	108	145	170		Vigorous, many flowers, uniform/ Flowered strong through season.
Gomphrena	Las Vegas Pink		52	27	52	30		Many flowers, very attractive/ Flowered strong through season.
Gomphrena	Las Vegas Purple		54	37	47	40		Average overall/ Flowered strong through season.

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Gomphrena	Las Vegas White		50	37	53	78		Vigorous, many flowers/ Flowered strong through season.
Graptophyllum	Roseli	New	18	24	24	29	H	Low vigor, never recuperated after June 7 hail/ No flowering through season.
Guara	Geysler Pink		79	63	81	104	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Helichrysum	Silver Crest	New	67	56	94	90	H	Vigorous, uniform/ Primarily grown for foliage.
Helichrysum	Silver Dwarf	New	19	25	26	27	H	Low vigor, uniform/ Primarily grown for foliage.
Heliopsis	Tuscan Sun		52	41	40	40	H	Many flowers, some dieback/ Flowered strong all season.
Heliotrope	Scentropia Dark Blue		34	39	42	43	H	Many flowers, some dieback/ Flowered strong all season.
Hypericum	Silvana		5	38	11	28		Low vigor, few flowers/ Weak flowering through season.
Impatiens (New Guinea)	SunPatiens Lavender		39	68	68	70		Vigorous, uniform, moderate flowering/ Flowered strong mid-July through early September.
Impatiens (New Guinea)	SunPatiens Magenta		55	78	79	81		Very vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Impatiens (New Guinea)	SunPatiens Orange		39	68	61	72		Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Impatiens (New Guinea)	SunPatiens Red		38	52	51	53		Average overall/ Flowered strong through August. Moderate flowering in September.
Impatiens (New Guinea)	SunPatiens Spreading Salmon V/L		36	62	60	64		Vigorous, uniform/ Weak/moderate flowering through season.
Impatiens (New Guinea)	SunPatiens Spreading White V/L		45	70	53	71		Uniform, old flowers detract/ Flowered strong through August.
Impatiens (New Guinea)	SunPatiens Vigorous Coral V/L		39	74	60	67		Loose habit, flowers nice above foliage/ Flowered strong mid-July through August.
Impatiens (New Guinea)	SunPatiens White Improved		38	56	56	59		Vigorous, moderate flowering/ Flowered strong mid-July through September.
Impatiens (New Guinea)	Super Sonic Cherry Cream		30	46	40	50		Few flowers, uniform/ Flowered strong through mid-August.
Impatiens (New Guinea)	Super Sonic Deep Salmon 08		28	38	41	43		Few flowers, uniform/ Moderate flowering through mid-August.
Impatiens (New Guinea)	Super Sonic Lilac 09		27	48	37	53		Few flowers, uniform/ Flowered strong early July through August.

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Impatiens (New Guinea)	Super Sonic Magenta 08		35	56	47	60		Moderate flowering, uniform/ Flowered strong through August. Moderate flowering in late August through September.
Impatiens (New Guinea)	Super Sonic Pastel Pink		34	48	42	60		Uniform, moderate flowering/ Flowered strong through season.
Impatiens (New Guinea)	Super Sonic Pink 07		32	44	45	44		Many flowers, uniform/ Flowered strong mid-July though September.
Impatiens (New Guinea)	Tamarinda Dark Red		25	32	40	44		Vigorous, uniform, few flowers/ Weak flowering through season.
Impatiens (New Guinea)	Tamarinda Orange 09		19	31	25	37		Few flowers/ Flowered strong mid-July through late August.
Impatiens (New Guinea)	Tamarinda Orange Orchid		23	32	36	39		Vigorous, moderate flowering, healthy plants/ Flowered strong mid-July through early September.
Impatiens (New Guinea)	Tamarinda Purple		29	37	38	39		Few flowers, uniform/ Flowered strong mid-July through August.
Impatiens (New Guinea)	Tamarinda Purple Bi Color		26	35	31	41		Few flowers, unique flower color/ Flowered strong mid/late July through late August.
Impatiens (New Guinea)	Tamarinda Shocking Pink		22	29	27	43		Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Impatiens (New Guinea)	Tamarinda True Pink		22	34	27	34		Vigorous, many flowers, uniform/ Moderate/strong flowering August through September.
Impatiens (New Guinea)	Tamarinda Violet		24	33	32	36		Moderate flowering, nice dark leaves/ Moderate/strong flowering mid-July through September.
Impatiens (New Guinea)	Tamarinda White		20	32	21	45		Few flowers, average appearance/ Flowered strong mid July through August.
Impatiens (seed)	Jambalaya Coral		23	41	43	55		Vigorous, many flowers, uniform/ Flowered strong mid July through September.
Impatiens (seed)	Jambalaya Orange		38	41	67	72		Vigorous, many flowers, slight lodging/ Flowered strong mid/late July through September.
Impatiens (seed)	Jambalaya Pink		34	46	54	56		Vigorous, many flowers, uniform/ Flowered strong mid July through September.
Impatiens (seed)	Jambalaya Red		33	37	56	61		Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Impatiens (seed)	Jambalaya Tropical Punch		35	45	59	60		Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Impatiens (seed)	Jambalaya Violet		29	36	56	57		Vigorous, many flowers, slight lodging/ Flowered strong mid July through September.
Impatiens (seed)	Jambalaya White Improved	New	25	38	48	49		Vigorous, many flowers, uniform/ Flowered strong through season.

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Impatiens (Seed)	Super Elfin XP Blue Pearl		22	39	48	54		Vigorous, many flowers, uniform/ Flowered strong mid July through September.
Impatiens (Seed)	Super Elfin XP Deep Pink		25	36	43	55		Vigorous, many flowers, uniform/ Flowered strong mid July through September.
Impatiens (seed)	Super Elfin XP Red		22	39	53	49		Vigorous, many flowers, uniform/ Flowered strong mid/late July through September.
Impatiens (Seed)	Super Elfin XP Rose Improved	New	31	40	52	52		Vigorous, uniform, moderate flowering/ Flowered strong mid July through September.
Impatiens (Seed)	Super Elfin XP Violet		27	32	42	51		Vigorous, many flowers, slight lodging/ Flowered strong mid July through September.
Impatiens (Seed)	Super Elfin XP White		27	32	50	54		Vigorous, many flowers, uniform/ Flowered strong mid July through September.
Impatiens (trailing)	Fanfare Bright Coral		38	92	60	88		Vigorous, many flowers, uniform/ Flowered strong late July through September.
Impatiens (Trailing)	Fanfare Bright Coral		37	53	64	69		Vigorous, many flowers, uniform/ Flowered strong through season.
Impatiens (trailing)	Fanfare Fuchsia Improved		35	68	57	69		Vigorous, many flowers, uniform, old flowers detract/ Flowered strong through season.
Impatiens (Trailing)	Fanfare Fuchsia Improved		39	38	48	57		Vigorous, uniform, moderate flowering/ Flowered strong through season.
Impatiens (trailing)	Fanfare Orange		48	94	66	75		Vigorous, few flowers, uniform/ Weak/moderate flowering through season.
Impatiens (Trailing)	Fanfare Orange		58	53	73	74		Vigorous, few flowers, slightly leggy/ Moderate flowering late July through late August.
Impatiens (trailing)	Fanfare Orchid Improved		47	94	65	86		Vigorous, many flowers, uniform/ Flowered strong through season.
Impatiens (Trailing)	Fanfare Orchid Improved		43	39	56	59		Vigorous, uniform, moderate flowering/ Flowered strong through season.
Ipomoea	Gold Finger		21	42	36	42	H	Vigorous, looks good/ Primarily grown for foliage.
Ipomoea	Illusion Lime Lace	New	32	58	40	60	H	Vigorous, uniform/ Primarily grown for foliage.
Ipomoea	Sidekick Black Heart		28	49	31	57	H	Vigorous, looks good/ Primarily grown for foliage.
Ipomoea	Sidekick Lime		19	30	28	49	H	Vigorous, uniform, controlled growth habit/ Primarily grown for foliage.
Jamesbrittaina	Britney Grand Dark Pink	New	22	30	25	38	H	Low vigor, few flowers, some chlorosis/ Flowered strong late July through August.
Lantana	Bandana Cherry		25	39	40	52	H	Vigorous, many flowers, uniform/ Flowered strong mid/late August through September.

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Lantana	Bandana Lemon Zest	New	25	37	34	44	H	Vigorous, many flowers, non-uniform/ Flowered strong mid-August through September.
Lantana	Bandana Red 09		28	40	41	44	H	Vigorous, many flowers, uniform/ Flowered strong mid-August through September.
Lantana	Bandana Trailing Gold		36	72	45	79	H	Vigorous, many flowers, non-uniform, looks leggy/ Flowered strong August through September.
Lantana	Bandana White	New	26	39	34	40	H	Vigorous, looks strong/ Flowered strong late July through early September.
Lantana	Bandito Compact Red	New	20	42	27	46	H	Many flowers, uniform, very showy/ Flowered strong mid/late August through September.
Lantana	Bandito Compact Rose	New	15	36	21	34	H	Few flowers, uniform/ Weak flowering through season.
Lantana	Bandito Orange Sunrise		13	21	19	29	H	Many flowers, uniform/ Flowered strong late July through September.
Lantana	Landmark Blaze		46	51	81	64	H	Vigorous, uniform, moderate flowering/ Moderate flowering August through September.
Lantana	Landmark Citrus		32	42	43	50	H	Vigorous, many flowers, non-uniform/ Moderate flowering late July through September.
Lantana	Landmark Gold		42	68	48	70	H	Vigorous, many flowers, non-uniform/ Flowered strong late July through September.
Lantana	Landmark Pink Glow		27	38	37	47	H	Vigorous, many flowers, slightly irregular growth/ Flowered strong late July through September.
Lantana	Landmark Sunrise Rose Improved	New	25	41	44	42	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.
Lantana	Lucky Honey Blush		32	41	34	44	H	Many flowers, non-uniform/ Moderate flowering August through September.
Lantana	Lucky Lemon Cream		22	43	41	52	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Lantana	Lucky Peach		19	30	34	42	H	Vigorous, many flowers, uniform, unique color/ Flowered strong August through September.
Lantana	Lucky Pure Gold	New	31	33	42	50	H	Vigorous, many flowers, slightly irregular habit/ Flowered strong late July through September.
Lobelia	Laguna Heavenly Lilac		22	33	17	30		Few flowers, 95% dieback from disease/ Flowered strong through mid-August.
Lobelia	Laguna Sky Blue		24	30	29	31		Low vigor, few flowers/ Flowered strong through mid/late August.
Lobelia	Techno Heat Upright Blue		32	28	25	36		Low vigor, few flowers/ Flowered strong through mid-August.
Lobelia	Techno Heat Upright Dark Blue		27	29	27	30		Low vigor, few flowers, 80% dieback/ Flowered strong through August.

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Lobelia	Techno Heat Upright Light Blue		33	35	41	46		Vigorous, moderate flowering, uniform/ Flowered strong through season.
Lobularia	Clear Crystal Lavender		22	30	22	56		Vigorous, uniform, many flowers/ Flowered strong through season.
Lobularia	Clear Crystal White		20	32	20	52		Many flowers, non-uniform/ Flowered strong through season.
Lobularia	Snow Princess	New	24	78	40	64	H	Vigorous, many flowers, uniform/ Flowered strong through season.
Marigold (African)	Moonstruck Orange		40	33	44	35		50% dieback, rest look good/ Flowered strong through season.
Marigold (African)	Moonstruck Yellow		48	43	56	44		Many flowers, looks good overall/ Flowered strong through season.
Marigold (African)	Taishan Gold	New	38	35	40	44		50% dieback, rest look good/ Flowered strong through season.
Marigold (African)	Taishan Orange	New	36	38	38	41		20% decline, rest look good/ Flowered strong through season.
Marigold (African)	Taishan Yellow	New	31	29	52	38		50% dieback, rest look good/ Flowered strong through season.
Millet	Jade Princess	New	37	35	28	32		Color has faded to brown and tan seed heads/ Primarily grown for foliage.
Millet	Jester		66	49	67	49		Non-uniform, low vigor in part sun/ Primarily grown for foliage.
Millet	Purple Baron		62	37	63	37		Non-uniform, low vigor in part sun/ Primarily grown for foliage.
Nicotiana	Perfume Deep Purple		58	40	62	55		Average overall/ Flowered strong through season.
Nicotiana	Starmaker Bright Red	New	22	28	36	40		Vigorous, many flowers/ Flowered strong through season.
Nicotiana	Starmaker Deep Lime	New	29	26	41	44		Many flowers, non-uniform/ Flowered strong through season.
Nicotiana	Starmaker Pink Picotee	New	35	35	40	36		Vigorous, many flowers, non-uniform, some lodging/ Flowered strong through season.
Nierembergia	Augusta Blue Skies	New	28	36	30	36	H	Low vigor, few flowers, 70% dieback/ Flowered strong early July through mid/late August.
Oenothera	Lemon Drop		27	33	32	40	H	Moderate flowering, uniform/ Flowered strong mid-July through early September.
Ornamental Pepper	Black Pearl		56	42	80	65		Vigorous, looks good/ Primarily grown for foliage.
Ornamental Pepper	Calico		50	43	51	54		Vigorous, non-uniform foliage color/ Primarily grown for fruit and foliage.

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Ornamental Pepper	Explosive Blast		21	19	24	24		Moderate vigor, showy fruit/ Primarily grown for fruit and foliage.
Ornamental Pepper	Explosive Ember		32	34	35	36		Vigorous, uniform, abundant dark fruit/ Primarily grown for fruit and foliage.
Ornamental Pepper	Explosive Ignite		19	26	16	24		Very showy, abundant fruit/ Primarily grown for fruit and foliage.
Ornamental Pepper	Purple Flash		43	36	55	46		Vigorous, attractive foliage, few fruit/ Primarily grown for fruit and foliage.
Osteospermum	Asti White		43	52	50	87		25% dieback from disease, rest look good/ Flowered strong through season.
Osteospermum	Margarita Bronze Bi Color		34	38	40	37	H	Average overall/ Flowered strong mid-July through early September.
Osteospermum	Margarita Dark Pink		31	37	36	38	H	90% dieback from disease/ Moderate flowering mid-July to mid-August.
Osteospermum	Margarita Lemon		26	30	40	43	H	Vigorous, many flowers, uniform/ Moderate flowering through season.
Osteospermum	Margarita Pink Bi Color		18	29	0	0	H	All dead from disease/ Weak flowering through season.
Osteospermum	Margarita Purple		32	38	0	0	H	90% dieback from disease/ Flowered strong late July through mid-August.
Osteospermum	Margarita Sunset		29	26	33	34	H	Non-uniform, moderate flowering/ Flowered strong late July through early September.
Osteospermum	Margarita Yellow		28	35	51	46	H	Vigorous, many flowers, uniform/ Moderate/strong flowering through season.
Osteospermum	Passion Mix		45	40	56	40		80% dieback from disease/ Weak flowering through season.
Osteospermum	Summertime Blueberry		34	28	0	0	H	All dead from disease/ Moderate flowering mid-July to mid-August.
Osteospermum	Summertime Hot Pink	New	34	36	40	50	H	85% dieback from disease/ Moderate flowering mid-July through early August.
Osteospermum	Summertime Kardinal	New	29	28	0	0	H	All dead from disease/ Flowered strong mid to late July.
Osteospermum	Summertime Red Velvet	New	35	38	41	48	H	75% dieback from disease/ Moderate/strong flowering through August.
Osteospermum	Summertime Royal Purple	New	39	41	48	53	H	95% dieback from disease/ Flowered strong late July through mid-August.
Osteospermum	Summertime Soft Pink	New	39	26	0	0	H	95% dieback from disease/ Flowered strong mid to late July.
Osteospermum	Summertime Sunset		45	31	53	41	H	Vigorous, moderate flowering/ Moderate flowering through season.

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Genus	Cultivar	New**	7/30H*	7/30W*	9/9H*	9/9W*	Hail***	Comments mid-September by Coordinator and Research Associate
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Osteospermum	Tradewinds Deep Purple		26	26	0	0	H	85% dieback from disease/ Flowered strong mid-July through mid-August.
Osteospermum	Tradewinds Purple Bicolor		26	36	0	0	H	95% dieback from disease/ Moderate flowering mid-July to mid-August.
Osteospermum	Tradewinds Trailing White 10	New	33	38	30	31	H	99% dieback from disease/ Flowered strong in mid-July. Weak flowering late July through August.
Osteospermum	Tradewinds White		38	36	55	53	H	40% dieback from disease, remaining look good/ Weak flowering through season.
Osteospermum	Tradewinds Yellow Bicolor	New	34	28	46	44	H	Vigorous, many flowers, uniform/ Moderate/strong flowering from late July until September.
Osteospermum	Voltage Yellow	New	36	30	49	46	H	Vigorous, many flowers, uniform/ Moderate flowering through season.
Pennisetum	Graceful Grasses Purple Fountain Grass 'Rubrum'		80	80	95	93	H	Vigorous, uniform/ Primarily grown for foliage.
Pennisetum	Graceful Grasses Red Riding Hood		75	60	92	78	H	Vigorous, uniform, mostly tan seed heads/ Primarily grown for foliage.
Penstemon	Phoenix Appleblossom 09		61	35	71	55	H	Vigorous, few flowers, slight lodging/ Weak/moderate flowering through season.
Penstemon	Phoenix Lavender		55	38	59	50	H	Vigorous, few flowers/ Weak flowering through season.
Penstemon	Phoenix Pink 09		58	47	64	41	H	Vigorous, few flowers, uniform/ Weak/moderate flowering through season.
Penstemon	Phoenix Violet 09		55	30	65	38	H	Vigorous, few flowers, uniform/ Flowered strong in August.
Pentas	Northern Lights Lavender		34	27	47	52		Many flowers, non-uniform/ Flowered strong through season.
Petunia (double)	Double Wave Blue		13	42	16	80	H	Few flowers, not very showy/ Weak flowering through season.
Petunia (double)	Double Wave Blue Vein		21	48	22	82	H	Few flowers, some chlorosis/ Weak flowering through season.
Petunia (double)	Double Wave Lavender		19	60	21	84	H	Fair overall, reduced flowering/ Weak flowering through season.
Petunia (double)	Double Wave Pink		22	39	23	100	H	Few flowers, some dead areas in canopy/ Weak/moderate flowering through season.
Petunia (double)	Double Wave White		15	48	20	84	H	Slight chlorosis, 25% wilting from disease/ Weak flowering through season.
Petunia (Grandiflora)	Dreams Coral Morn	New	23	48	34	61		Many flowers, non-uniform blooming/ Flowered strong mid-July through September.

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Petunia (Grandiflora)	Sophistica Antique Shades	New	24	60	32	79		Poor color and growth/ Flowered strong mid-July through mid-August. Moderate flowering mid-July through mid-August.
Petunia (Grandiflora)	Sophistica Blue Morn	New	28	52	26	80		Average overall/ Flowered strong early July through August.
Petunia (Grandiflora)	Sophistica Lime Bicolor	New	37	52	35	68		Few flowers, poor growth habit/ Flowered strong early July through mid/late August.
Petunia (milliflora)	Picobella Carmine		19	32	23	37		Many flowers, uniform, healthy plants/ Flowered strong mid-July through September.
Petunia (milliflora)	Picobella Light Lavender		23	41	26	42		Many flowers, uniform/ Flowered strong mid-July through September.
Petunia (milliflora)	Picobella Red	New	18	26	20	42		Average overall/ Moderate flowering mid-July through August.
Petunia (milliflora)	Picobella Rose		17	30	23	30		Many flowers, healthy plants/ Moderate flowering through season.
Petunia (milliflora)	Picobella Salmon	New	24	25	24	26		Many flowers, slight chlorosis/ Flowered strong mid-July through September.
Petunia (mini double)	Happy Botique Double Light Red	New	20	48	21	59	H	Few flowers, some chlorosis/ Weak flowering through season.
Petunia (mini double)	Happy Botique Double Pink Vein	New	16	49	22	58	H	Few flowers, moderate chlorosis/ Weak flowering through season.
Petunia (mini double)	Soleil Purple	New	19	53	21	58	H	Moderate flowering, healthy plants/ Moderate flowering in mid/late July, then again in mid/late August.
Petunia (mini spreading)	Happy Botique Light Pink	New	20	44	22	62	H	Severe chlorosis, moderate flowering/ Flowered strong mid-July through August.
Petunia (mini spreading)	Happy Botique Mini Blue Star	New	30	57	38	62	H	Non-uniform, moderate flowering, slight chlorosis/ Flowered strong early July through early September.
Petunia (mini spreading)	Happy Botique Red Shade	New	24	39	20	44	H	Poor overall/ Moderate flowering mid-July through mid-August.
Petunia (mini spreading)	Happy Botique Yellow w/ Brown Eye	New	19	36	30	56	H	Many flowers, slight chlorosis/ Flowered strong early July through September.
Petunia (mini spreading)	Littletonia Bicolor Illusion	New	29	49	34	58	H	Few flowers, 25% dieback/ Flowered strong mid-July through late August.
Petunia (mini spreading)	Littletonia Sweet Pink	New	14	42	24	52	H	Moderate flowering, slight chlorosis/ Flowered strong early July through early September.
Petunia (mini spreading)	Littletonia White Grace	New	19	44	26	54	H	Many flowers, slight chlorosis/ Flowered strong through season.
Petunia (mini spreading)	Mini Me Purple Star		13	28	14	36	H	Moderate flowering, some chlorosis/ Moderate flowering through season.

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Petunia (mini spreading)	Mini Me Rose		14	38	14	44	H	Very chlorotic, moderate flowering/ Flowered strong mid-July through August.
Petunia (mini spreading)	Mini Me Vanilla Pearl		8	22	7	12	H	Low vigor, no flowers, looks bad/ Weak flowering through season.
Petunia (mini spreading)	Mini Picnic Amethyst	New	22	36	30	56	H	Many flowers, uniform, some chlorosis/ Flowered strong early July through September.
Petunia (mini spreading)	Mini Picnic Red	New	25	44	30	60	H	Vigorous, many flowers, uniform/ Flowered strong through season.
Petunia (mini spreading)	Mini Picnic Rose	New	14	31	18	52	H	Many flowers, non-uniform, vibrant color/ Moderate flowering mid-July through September.
Petunia (mini spreading)	Mini Picnic White	New	21	49	32	46	H	Vigorous, many flowers, uniform/ Flowered strong early July through September.
Petunia (mini spreading)	Petitunia Pink Splendor Dream	New	27	47	24	59	H	Vigorous, many flowers, uniform/ Flowered strong through season.
Petunia (mini spreading)	Petitunia Rim Purple Dream	New	43	48	40	74	H	Moderate flowering, still showy/ Flowered strong through season.
Petunia (mini spreading)	Shock Wave Denim	New	26	45	29	46		Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Petunia (mini spreading)	Shock Wave Ivory		30	44	34	64		Vigorous, many flowers, uniform, near perfect/ Flowered strong early July through September.
Petunia (mini spreading)	Shock Wave Rose		21	50	27	58		Vigorous, many flowers, uniform/ Flowered strong early July through September.
Petunia (mini spreading)	Whispers Amethyst	New	16	57	19	56	H	Low vigor, few flowers, some chlorosis/ Flowered strong through mid/late August.
Petunia (mini spreading)	Whispers Appleblossom		31	45	34	62	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Petunia (mini spreading)	Whispers Blue		21	56	35	71	H	Great overall/ Flowered strong through season.
Petunia (mini spreading)	Whispers Bright Pink		17	49	20	52	H	Moderate flowering, low vigor/ Flowered strong through season.
Petunia (mini spreading)	Whispers Rose Vein		20	42	16	68	H	Poor overall/ Flowered strong early July through mid/late August.
Petunia (mini spreading)	Whispers Scarlet		31	48	28	60	H	Non-uniform, looks good, some lodging/ Flowered strong mid-July through early September.
Petunia (Multiflora)	Debonair Dusty Rose	New	26	66	28	72		Few flowers, lodging, disease on 10% of plants/ Flowered strong mid-July through late August.
Petunia (Multiflora)	Deboniar Lime Green	New	19	40	20	41		Few flowers, non-uniform/ Flowered strong late July through August.
Petunia (seed spreading)	Bikini Coral		32	57	33	60		Low vigor, few flowers, very chlorotic/ Flowered strong early July through late August.

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Petunia (seed spreading)	Bikini Pink		32	68	36	68		Moderate flowering, 10% dieback/ Flowered strong through season.
Petunia (seed spreading)	Cadenza Rose Pink		46	70	48	70		Vigorous, many flowers, non-uniform/ Flowered strong through season.
Petunia (seed spreading)	Cadenza Rose Red		50	68	58	72		Vigorous, many flowers, wild growth habit/ Flowered strong through season.
Petunia (seed spreading)	Cadenza Salmon Pink		49	80	54	93		Vigorous, many flowers, slight lodging/ Flowered strong early July through September.
Petunia (seed spreading)	Easy Wave Burgundy Star	New	30	66	30	82		Variation in flower patterns, 25% decline/ Flowered strong through August.
Petunia (seed spreading)	Easy Wave Coral Reef		31	68	40	80		Few flowers, non-uniform, in decline/ Flowered strong early July through late August.
Petunia (seed spreading)	Easy Wave Plum Vein	New	32	60	42	72		Vigorous, many flowers, non-uniform/ Flowered strong through season.
Petunia (seed spreading)	Easy Wave Rosy Dawn		23	58	28	71		Non-uniform, fair overall/ Flowered strong early July through August.
Petunia (seed spreading)	Easy Wave Violet	New	33	60	50	62		Vigorous, many flowers, looks good/ Flowered strong through season.
Petunia (seed spreading)	Easy Wave White Improved	New	17	38	24	58		Vigorous, many flowers, slight lodging/ Weak/moderate flowering through season.
Petunia (seed spreading)	Opera Supreme Blue		30	60	28	62		Vigorous, moderate flowering/ Flowered strong through mid-August. Moderate flowering late August through September.
Petunia (seed spreading)	Opera Supreme Coral		22	60	24	58		Few flowers, 70% dieback/ Flowered strong through late August.
Petunia (seed spreading)	Opera Supreme Lavender		31	52	30	80		Vigorous, many flowers, non-uniform/ Flowered strong through season.
Petunia (seed spreading)	Opera Supreme Lilac Ice		16	52	24	52		Vigorous, many flowers, less uniform habit than at peak/ Flowered strong through season.
Petunia (seed spreading)	Opera Supreme Pink Morn		23	52	30	88		Good overall/ Flowered strong through season.
Petunia (seed spreading)	Opera Supreme Purple		27	74	32	61		Vigorous, moderate flowering/ Flowered strong through season.
Petunia (seed spreading)	Opera Supreme Salmon		20	49	28	116		Few flowers, some chlorosis/ Flowered strong mid-July through mid-August.
Petunia (seed spreading)	Opera Supreme White		25	56	19	80		40% wilting or dead/ Flowered strong mid-July through late August.
Petunia (seed spreading)	Plush Blue		25	56	30	60		Vigorous, moderate flowering/ Flowered strong mid-July through early September.

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Petunia (seed spreading)	Plush Deep Pink		23	54	40	56		Many flowers, slight chlorosis, still showy/ Flowered strong through season.
Petunia (seed spreading)	Plush Lilac Pearl		21	70	38	81		Vigorous, many flowers, uniform/ Flowered strong through season.
Petunia (seed spreading)	Plush Purple		16	52	30	72		Some chlorosis, moderate flowering/ Flowered strong through season.
Petunia (seed spreading)	Plush Red		37	70	33	64		Few flowers, non-uniform, fair overall/ Flowered strong through late August.
Petunia (seed spreading)	Plush Rose		33	64	33	60		50% wilting/ Flowered strong through August.
Petunia (seed spreading)	Plush Salmon		26	28	23	82		Many flowers, looks good overall/ Flowered strong mid-July through September.
Petunia (seed spreading)	Plush White		35	28	36	54		Vigorous, many flowers, Flowered strong August through September.
Petunia (spreading)	Cascadias ANN WOOD	New	19	52	25	79	H	Many flowers, some chlorosis/ Flowered strong through season.
Petunia (spreading)	Cascadias Noble Blue	New	25	62	25	72	H	Vigorous, many flowers, uniform, very showy/ Flowered strong through season.
Petunia (spreading)	Fortunia Blue		14	36	17	41	H	Few flowers, low vigor/ Weak flowering through season.
Petunia (spreading)	Fortunia Burgundy		22	50	28	55	H	Moderate flowering, non-uniform/ Moderate flowering through season.
Petunia (spreading)	Fortunia Burgundy Picotee		7	16	0	0	H	All dead/ Weak flowering through season.
Petunia (spreading)	Fortunia Dark Purple		15	46	20	80	H	Vigorous, many flowers, looks great/ Flowered strong through season.
Petunia (spreading)	Fortunia Hot Pink		22	50	29	69	H	Few flowers, slight chlorosis/ Moderate/strong flowering through August.
Petunia (spreading)	Fortunia Pink Vein		16	46	26	87	H	Vigorous, many flowers, uniform, still looks near peak/ Moderate flowering through season.
Petunia (spreading)	Fortunia Purple Picotee		34	56	34	64	H	Moderate flowering, some chlorosis/ Flowered strong mid-July through August.
Petunia (spreading)	Fortunia Purple Vein		18	46	17	53	H	Few flowers, looks fair/ Weak/moderate flowering through season.
Petunia (spreading)	Fortunia Red		23	33	32	59	H	Few flowers, non-uniform/ Weak/moderate flowering through season.
Petunia (spreading)	Fortunia White		16	58	27	76	H	Many flowers, some chlorosis/ Flowered strong through season.
Petunia (spreading)	Fortunia Yellow		22	40	21	69	H	Many flowers, non-uniform/ Flowered strong through season.

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Petunia (spreading)	Jamboree Burgundy		23	58	31	62	H	Vigorous, uniform, moderate flowering/ Flowered strong mid-July through mid-August.
Petunia (spreading)	Jamboree Hot Pink		20	60	24	85	H	Vigorous, few flowers/ Flowered strong through late August.
Petunia (spreading)	Jamboree Lavender		27	56	36	72	H	Vigorous, many flowers, uniform/ Flowered strong through season.
Petunia (spreading)	Jamboree Light Blue		20	50	25	80	H	Vigorous, many flowers/ Flowered strong early July through September.
Petunia (spreading)	Jamboree Scarlet		26	48	34	82	H	Vigorous, many flowers, slight lodging/ Flowered strong early July through September.
Petunia (spreading)	Lemon Twist		26	56	32	74	H	Many flowers, non-uniform/ Flowered strong through season.
Petunia (spreading)	Mandarin Twist		32	44	25	72	H	Fewer flowers than at peak but still showy/ Flowered strong through season.
Petunia (spreading)	Opera Supreme Pink Morn		24	68	35	83		Still showy, moderate flowering/ Flowered strong through season.
Petunia (spreading)	Potunia Cappuccino		21	32	22	60	H	Non-uniform, chlorotic/ Flowered strong through August.
Petunia (spreading)	Potunia Dark Red	New	27	48	34	66	H	Moderate flowering, looks good/ Moderate flowering through season.
Petunia (spreading)	Potunia Deep Purple		19	46	29	55	H	Many flowers, non-uniform/ Flowered strong through season.
Petunia (spreading)	Potunia Lobster	New	16	28	23	58	H	Many flowers, less uniform growth than August/ Flowered strong through early September.
Petunia (spreading)	Potunia Neon		16	38	20	61	H	Moderate flowering, looks good/ Moderate flowering through season.
Petunia (spreading)	Potunia Piccola Hot Pink	New	15	32	20	47	H	Some chlorosis, moderate flowering/ Flowered strong through August.
Petunia (spreading)	Potunia Piccola Strawberry	New	19	44	25	48	H	Looks fair, moderate flowering/ Moderate flowering through season.
Petunia (spreading)	Potunia Piccola White	New	14	28	15	38	H	Many flowers, uniform, looks good/ Moderate flowering through season.
Petunia (spreading)	Potunia Pink		17	38	20	57	H	Uniform, moderate flowering/ Flowered strong through season.
Petunia (spreading)	Pre-Introduction Potunia Royal Pink Vein		21	40	23	62	H	Some chlorosis, moderate flowering/ Flowered moderately in July, strong in August, moderate after late August.
Petunia (spreading)	Ray Candy Pink		26	50	28	58	H	Non-uniform, moderate flowering/ Flowered strong mid-July through early September.
Petunia (spreading)	Ray Purple		27	48	26	58	H	Few flowers, slight disease on a few plants/ Flowered strong mid-July through late August.

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Petunia (spreading)	Ray Purple Vein		20	46	31	68	H	Uniform, still looks good/ Flowered strong early July through August.
Petunia (spreading)	Ray Red		28	68	40	78	H	Vigorous, 30% flowers than at peak/ Flowered strong through late August.
Petunia (spreading)	Ray Sunray		22	48	30	67	H	Many flowers, looks rough/ Flowered strong through season.
Petunia (spreading)	Ray White		25	78	36	89	H	Looks poor, 50% dieback/ Flowered strong through August.
Petunia (spreading)	Sanguna Atomic Blue		24	48	25	54	H	Average overall, slight chlorosis/ Flowered strong mid to late July. Moderate flowering in August.
Petunia (spreading)	Sanguna Lavender Vein		21	74	26	92	H	Average overall/ Flowered strong through August.
Petunia (spreading)	Sanguna Lipstick		19	56	37	92	H	Moderate flowering, still showy/ Flowered strong through season.
Petunia (spreading)	Sanguna Rose Vein		17	40	22	76	H	Vigorous, few flowers/ Flowered strong through mid-August.
Petunia (spreading)	Sanguna Vanilla	New	25	56	38	79	H	Vigorous, many flowers, uniform, looks great/ Flowered strong through season.
Petunia (spreading)	Supertunia Lavender Skies	New	24	50	31	98	H	2 of 24 in decline, otherwise looks good/ Flowered strong through season.
Petunia (spreading)	Supertunia Vista Bubblegum		47	94	64	101	H	Vigorous, many flowers, less uniform than August/ Flowered strong through season.
Petunia (spreading)	Supertunia Vista Silverberry		44	78	57	96	H	Vigorous, many flowers, still looks impressive/ Flowered strong through season.
Petunia (spreading)	Surprise Hot Pink	New	17	34	23	55	H	Few flowers/ Weak flowering through season.
Petunia (spreading)	Surprise Hot Rod Red		18	23	35	53	H	Moderate flowering, looks good/ Moderate flowering through season.
Petunia (spreading)	Surprise Marine	New	17	42	21	54	H	Many flowers, slightly non-uniform growth/ Moderate flowering through season.
Petunia (spreading)	Surprise White		19	46	29	58	H	Looks fair, a few dead areas/ Flowered strong through mid-August.
Petunia (spreading)	Surprise White Ice		27	66	21	53	H	Few flowers, 20% dieback/ Flowered strong through August.
Petunia (spreading)	Sweetunia Caramello	New	29	60	34	65	H	Looks fair, moderate flowering/ Flowered strong through mid-August. Moderate flowering in late August.
Petunia (spreading)	Sweetunia Purple Vein		16	26	19	39	H	Many flowers, some chlorosis/ Flowered strong early July through September.
Petunia (spreading)	Sweetunia Soft Pink Morning		23	62	36	70	H	Vigorous, many flowers, uniform/ Flowered strong through season.

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Phlox	Intensia Orchid Blast	New	23	32	34	32		Vigorous, many flowers, non-uniform/ Flowered strong late July through September.
Phlox	Intensia White Imp.	New	14	38	37	46		Many flowers, non-uniform/ Flowered strong mid-July through September.
Phlox	Phloxy Lady Burgundy	New	15	28	25	35		Moderate flowering, some chlorosis/ Flowered strong early July through early September.
Phlox	Phloxy Lady Cherry Red	New	11	22	16	24		All dead from disease/ Weak/moderate flowering through August.
Phlox	Phloxy Lady Pink	New	18	30	26	34		Many flowers, 50% dieback from disease/ Flowered strong early July through September.
Phlox	Phloxy Lady White	New	38	54	39	58		Vigorous, many flowers, significant lodging/ Flowered strong early July through September.
Phlox	Phoenix White	New	24	26	46	44		Vigorous, many flowers, non-uniform/ Flowered strong early July through September.
Physostegia	Crystal Peak White		50	40	64	50		Vigorous, few flowers, significant lodging, looks fair/ Moderate flowering mid/late July through August.
Polygonum capitatum		New	16	44	20	52		Vigorous, many flowers, very showy and unique appearance/ Flowered strong through season.
Portulaca	Toucan Scarlet Shades		4	43	4	47		Vigorous/ Weak flowering through season.
Prunella	Bella Blue		20	37	24	42		Few flowers, non-uniform, past prime/ Weak flowering through season.
Ptilotus	Joey		25	31	30	39		Many flowers, looks better than it did all summer/ Flowered strong mid/late August to September.
Rudbeckia	Becky Formula Mix		18	25	31	36		Low vigor, few flowers, non-uniform/ Moderate/strong flowering mid-July through August.
Rudbeckia	Denver Daisy		60	34	77	66		Vigorous, many flowers, slight lodging/ Flowered strong through season.
Rudbeckia	TigerEye Gold		39	30	44	34		Vigorous, many flowers, very showy/ Flowered strong through season.
Salvia farinacea	Evolution		58	43	66	45		Many flowers, mildew/ Flowered strong through season.
Salvia farinacea	Mystic Spires Blue		89	52	96	73		Vigorous, many flowers, significant lodging/ Flowered strong through season.
Salvia farinacea	Sallyfun Blue Emotion		56	30	78	65		Vigorous, many flowers, slight lodging/ Flowered strong through season.
Salvia farinacea	Sallyfun Blue Tune	New	46	37	54	38		Vigorous, many flowers/ Flowered strong mid-July through September.
Salvia farinacea	Velocity Blue		53	44	59	48		Vigorous, many flowers, uniform/ Flowered strong through season.

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Size Data, End-of-Season Comments and Flowering Data for Varieties Grown in the Ground

Genus	Cultivar	New**	7/30H*	7/30W*	9/9H*	9/9W*	Hail***	Comments mid-September by Coordinator and Research Associate
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Salvia greggii	Grace Pink		62	49	0	0		Moderate flowering, 25% dieback/ Moderate flowering in August and early September.
Salvia greggii	Puebla Light Orange		74	63	89	86		Vigorous, non-uniform, moderate flowering/ Weak/moderate flowering throughout the season.
Salvia greggii	Puebla Rose		67	54	66	59		Vigorous, moderate flowering/ Flowered strong late July through August.
Salvia hybrida	Mesa Rose		59	48	78	64		Vigorous, moderate flowering/ Flowered strong late July through early September.
Salvia hybrida	Mesa Scarlet		66	51	77	54		Vigorous, uniform, many flowers/ Flowered strong mid/late July through September.
Salvia nemerosa	Sallyrosa Pink	New	60	33	59	76		Vigorous, many flowers/ Flowered strong mid-July through September.
Salvia splendens	Fizz Cream		32	30	37	38		Not showy, all flowers fading/ Flowered strong mid-July through August.
Salvia splendens	Fizz Grape		39	30	41	38		Many flowers, still fairly showy/ Flowered strong mid-July through September.
Salvia splendens	Fizz Peach		35	33	45	36		Many flowers, quickly fading/ Flowered strong mid-July through September.
Salvia splendens	Fizz Raspberry		34	28	42	42		Many flowers, still fairly showy/ Flowered strong mid-July through September.
Salvia splendens	Fizz Strawberry		34	28	46	40		Looks okay, flowers soon to be done/ Flowered strong mid-July through late August.
Scaevola	Bombay Dark Blue	New	37	40	28	41		Average overall/ Flowered strong in early August. Moderate flowering otherwise.
Scaevola	Bombay Lavender		32	40	27	43		Many flowers, some chlorosis/ Flowered strong mid-July through September.
Scaevola	Bombay Pink		16	24	26	32		Moderate flowering, some chlorosis/ Weak/moderate flowering through season.
Scaevola	Bombay White		33	44	34	47		Many flowers, some chlorosis/ Flowered strong through season.
Scaevola	Euphoria Compact Blue	New	16	38	35	48		Low vigor, few flowers/ Weak flowering through season.
Scaevola	Euphoria Compact White	New	26	40	34	46		Vigorous, moderate flowering/ Weak/moderate flowering through season.
Scirpus	Graceful Grasses Fiber Optic Grass		24	35	21	28		Slightly scorched/ Primarily grown for foliage.
Snapdragon	Twinny Bronze Shades	New	23	24	34	38		Vigorous, many flowers, non-uniform/ Moderate flowering mid/late July through September.
Snapdragon	Twinny Peach		21	23	34	33		Unique color, only 25% flowering/ Flowered strong mid-July through August.

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Genus	Cultivar	New**	7/30H*	7/30W*	9/9H*	9/9W*	Hail***	Comments mid-September by Coordinator and Research Associate
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Snapdragon	Twinny Yellow Shades	New	21	16	31	32		Vigorous, many flowers, non-uniform/ Flowered strong in mid-July. Then again from mid-August to early September.
Torenia	Rosy Cheek Moon	New	12	24	14	20		Low vigor, few flowers/ Weak flowering through season.
Verbena (spreading)	Carpet Heaven	New	20	56	23	62	H	Vigorous, many flowers, uniform/ Flowered strong through late July. Then again mid-August through September.
Verbena (spreading)	Carpet Violet	New	9	31	12	36	H	Vigorous, many flowers, uniform/ Flowered strong early to late July. Then again mid-August through September.
Verbena (spreading)	Donalena Red Amour	New	27	54	32	57	H	Vigorous, many flowers, uniform/ Flowered strong in July. Moderate in August and September.
Verbena (spreading)	Donalena Violet XL	New	24	43	27	43	H	Vigorous, many flowers, uniform/ Flowered strong through late July. Then again mid-August through September.
Verbena (spreading)	Empress Burgundy Charme	New	31	47	35	52	H	Vigorous, many flowers, uniform/ Flowered strong in July. Again in mid-August to September.
Verbena (spreading)	Empress Dark Red		33	56	35	56	H	Vigorous, many flowers, uniform/ Flowered strong mid to late July. Again mid-August through September.
Verbena (spreading)	Empress Hot Pink Charme	New	27	74	28	82	H	Vigorous, many flowers, uniform/ Flowered strong through season.
Verbena (spreading)	Empress Lavender	New	29	50	29	50	H	Vigorous, few flowers/ Flowered strong early July through August.
Verbena (spreading)	Empress Lavender Charme		20	46	28	46	H	Vigorous, few flowers/ Flowered strong through July. Weak through August and September.
Verbena (spreading)	Empress Purple		24	70	36	47	H	Vigorous, many flowers, uniform/ Flowered strong through late July. Moderate flowering August and September.
Verbena (spreading)	Empress Strawberry		35	64	37	79	H	Vigorous, moderate flowering/ Flowered strong through season.
Verbena (spreading)	Empress Strawberry Charme		30	46	38	54	H	Vigorous, moderate flowering/ Moderate/strong flowering through season.
Verbena (spreading)	Empress Violet		29	68	35	71	H	Vigorous, moderate flowering/ Flowered strong through late July. Moderate flowering August and September.
Verbena (spreading)	Estrella Merlot	New	25	34	26	39	H	Few flowers, non-uniform/ Flowered strong in July. Weak/moderate in August and September.
Verbena (spreading)	Estrella Peach	New	11	42	23	45	H	Many flowers, healthy plant/ Moderate/strong flowering through season.
Verbena (spreading)	Estrella Voodoo Red	New	22	51	28	47	H	Vigorous, many flowers, uniform/ Flowered strong mid to late July. Again mid-August through September.
Verbena (spreading)	Lanai Blue Denim	New	20	56	21	56	H	Vigorous, uniform, moderate flowering/ Flowered strong early to late July. Then again mid-August through September.
Verbena (spreading)	Lanai Blush White		22	45	37	74	H	Vigorous, many flowers, uniform/ Flowered strong mid-July through September.

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Genus	Cultivar	New**	7/30H*	7/30W*	9/9H*	9/9W*	Hail***	Comments mid-September by Coordinator and Research Associate
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Verbena (spreading)	Lanai Bright Eye	New	21	39	30	48	H	Few flowers, non-uniform/ Flowered strong in July. Weak/moderate in August.
Verbena (spreading)	Lanai Lavender Star		17	50	21	65	H	Vigorous, many flowers, uniform/ Moderate/strong mid-July through September.
Verbena (spreading)	Lanai Red 07		21	45	23	51	H	Vigorous, moderate flowering/ Flowered strong in July. Moderate flowering August through September.
Verbena (spreading)	Roccoco Pink	New	20	43	32	43	H	Vigorous, few flowers, non-uniform/ Flowered strong mid to late July. Then again mid to late August.
Verbena (spreading)	Roccoco Red	New	26	44	34	51	H	Vigorous, many flowers, non-uniform/ Flowered strong mid-July through September.
Verbena (spreading)	Superbena Coral Red (Imp)	New	37	84	28	84	H	Vigorous, many flowers, non-uniform/ Flowered strong in July. Then again in mid/late August through September.
Verbena (spreading)	Superbena Pink Parfait	New	25	44	35	49	H	Vigorous, few flowers/ Flowered strong through mid-August.
Verbena (spreading)	Veralena Cherry	New	13	29	29	22	H	Smaller plants, moderate flowering/ Flowered strong through season.
Verbena (upright)	Lanai Upright Bright Rose		26	42	36	42	H	Vigorous, many flowers, uniform/ Flowered strong through late July. Then again mid-August through September.
Verbena (upright)	Lanai Upright Magenta		28	41	31	49	H	Vigorous, many flowers, uniform/ Flowered strong late July through September.
Verbena (upright)	Lanai Upright Violet		19	35	21	36	H	Vigorous, uniform, moderate flowering/ Flowered strong through late July. Then again mid-August through September.
Vinca	Cora Apricot Improved		29	39	36	46		Vigorous, moderate flowering/ Moderate flowering through season.
Vinca	Cora Burgundy		31	35	38	45		Average overall/ Flowered strong mid-July through August.
Vinca	Cora Deep Lavender		28	34	31	40		Some chlorosis, 10% diseased/ Moderate/strong flowering mid-July through August.
Vinca	Cora Lavender		27	30	32	40		Average overall/ Moderate flowering through season.
Vinca	Cora Pink		32	36	40	36		Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Vinca	Cora Punch		31	33	34	38		Vigorous, many flowers, uniform/ Flowered strong mid-July through September.
Vinca	Cora Violet		30	28	43	36		Vigorous, moderate flowering/ Moderate flowering through season.
Vinca	Cora White		21	31	34	38		Few flowers, 20% dieback/ Flowered strong early July through mid/late August.
Vinca	First Kiss Blueberry		32	26	34	33		Low vigor, few flowers/ Moderate flowering through season.

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Vinca	Nirvana Pink Blush		28	34	35	52		Average overall/ Flowered strong through season.
Vinca	Nirvana Red		31	47	36	46		Vigorous, many flowers, slight lodging/ Flowered strong early July through September.
Vinca	Nirvana Sky Blue		23	19	28	24		Average overall/ Weak/moderate flowering through season.
Vinca	Pacifica Burgundy Halo		30	29	33	49		Many flowers, uniform, some dieback/ Flowered strong through season.
Vinca	Pacifica Burgundy Halo XP		30	30	32	38		Average overall/ Moderate flowering through season.
Vinca	Pacifica Magenta Halo		27	32	35	46		Vigorous, few flowers/ Moderate flowering in July. Weak/moderate in August.
Vinca	Pacifica White XP		21	34	32	40		Average overall/ Flowered strong early July through August.
Vinca	Pacifica XP Cranberry	New	28	29	38	34		Average overall/ Flowered strong mid-July through early September.
Vinca	Sunstorm Deep Lilac		22	23	23	25		Few flowers, non-uniform, 25% diseased/ Moderate flowering through August.
Vinca	Sunstorm Light Blue	New	16	21	22	24		25% diseased/ Weak/moderate flowering through August.
Vinca	Sunstorm Orchid		30	33	30	36		Few flowers, non-uniform/ Weak/moderate flowering through season.
Vinca	Sunstorm White w/ Eye		28	33	30	41		Average overall/ Flowered strong mid-July through mid/late August.
Vinca	Titan Apricot		27	31	36	39		Average overall/ Flowered strong mid-July through August.
Vinca	Titan Icy Pink		30	30	33	41		Average overall/ Flowered strong through season.
Vinca	Titan Rose		27	35	34	38		Vigorous, many flowers, uniform/ Flowered strong early-July through September.
Vinca (trailing)	Cora Cascade Cherry	New	15	32	12	34		Moderate flowering, 40% diseased/ Weak/moderate flowering through season.
Vinca (trailing)	Cora Cascade Lilac	New	18	41	18	42		Low vigor, few flowers, 30% diseased/ Weak flowering through season.
Vinca (trailing)	Cora Cascade Magenta	New	19	30	16	40		75% diseased/ Weak flowering through season.
Vinca (trailing)	Cora Cascade Peach Blush	New	18	36	19	36		40% diseased/ Weak flowering through season.
Vinca (trailing)	Cora Cascade White Polka Dot	New	13	30	14	50		Few flowers, 40% diseased/ Weak/moderate flowering through season.

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Viola	Rain Blue and Purple		21	36	21	45		Low vigor, many flowers, some chlorosis/ Moderate flowering through season.
Viola	Skippy XL Plum-Gold		17	30	23	37		Low vigor, many flowers, some chlorosis/ Weak/moderate flowering through season.
Viola	Skippy XL Red-Gold		24	30	16	20		Low vigor, many flowers, non-uniform/ Moderate flowering through season.
Viola	Velocity Lemon and Plum Picotee		15	25	17	34		Low vigor, few flowers, didn't like summer heat/ Weak flowering through season.
Viola	Velocity Yellow		29	37	31	42		Vigorous, many flowers, uniform, looks great/ Flowered strong through season.
Zinnia	Benary's Giant Wine		99	50	97	101		Many flowers, severe lodging, 20% dieback from disease/ Flowered strong through season.
Zinnia	Blackfoot		27	44	30	37	H	Moderate flowering, 85% dieback from disease/ Flowered strong through late August.
Zinnia	Dreamland Coral		33	32	56	59		Many flowers, 60% dieback from disease/ Moderate/strong flowering early July through early September.
Zinnia	Dreamland Pink		50	38	67	25		Many flowers, uniform/ Flowered strong early July through early September.
Zinnia	Dreamland Rose		43	47	65	40		Many flowers, looks fresh, some lodging/ Flowered strong early July through early September.
Zinnia	Dreamland Scarlet		71	50	77	70		Many flowers, non-uniform, 20% dieback from disease/ Flowered strong mid-July through early September.
Zinnia	Dreamland Yellow		52	23	57	41		Many flowers, 15% dieback from disease/ Flowered strong early July through early September.
Zinnia	Magellan Coral		44	44	45	44		5% dieback, most not showy/ Flowered strong through season.
Zinnia	Profusion Apricot		56	35	55	47		Many flowers, 80% dieback from disease/ Flowered strong early July through early September.
Zinnia	Profusion Cherry		57	26	53	55		Moderate flowering, severe lodging, 60% dieback from disease/ Flowered strong July through early September.
Zinnia	Profusion Coral Pink		56	51	44	48		Many flowers, some lodging, 20% dieback from disease/ Flowered strong mid-July through mid- September.
Zinnia	Profusion Deep Apricot		55	37	51	47		80% dieback from disease/ Flowered strong mid-July through mid-August.
Zinnia	Profusion Double Cherry		59	40	48	86		50% dieback from disease/ Moderate flowering mid-July through August.
Zinnia	Profusion Double Fire		53	38	46			Non-uniform, 60% dieback from disease/ Flowered strong mid-July through mid/late August.
Zinnia	Profusion Double Golden		45	26	0	0		All dead from disease/ Flowered strong early July through mid-August.

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Zinnia	Profusion Double White		58	45	58	50		85% dieback from disease/ Flowered strong mid-July through late-August.
Zinnia	Profusion Fire		55	29	0	0		80% dieback from disease/ Flowered strong mid-July through August.
Zinnia	Profusion Knee High Red		62	37	57	52		90% dieback from disease/ Flowered strong early July through early August.
Zinnia	Profusion Knee High White		62	76	56	51		80% dieback from disease/ Flowered strong mid-July through late August.
Zinnia	Profusion Orange		53	40	50	90		Non-uniform, 80% dieback from disease/ Flowered strong early July through mid-August.
Zinnia	Profusion White		53	70	28	38		90% dieback from disease/ Flowered strong through mid-August.
Zinnia	Profusion Yellow		55	43	47	80		80% dieback from disease/ Flowered strong early July through mid-August.
Zinnia	Starlight Rose		52	44	48	56		Vigorous, many flowers, 50% dieback from disease/ Moderate flowering through season.
Zinnia	Zahara Fire	New	57	36	51	74		85% dieback from disease/ Flowered strong mid-July through mid-August.
Zinnia	Zahara Scarlet		51	30	63	70		80% dieback from disease/ Weak/moderate flowering through August.
Zinnia	Zahara Starlight Rose		50	51	46	67		Rose pattern is unstable, 30% dieback from disease/ Moderate flowering through season.
Zinnia	Zahara Yellow		59	43	0	0		All dead from disease/ Flowered strong mid-July through mid-August.
Zinnia	Zowie! Yellow Flame		64	38	71	39		Needs extensive deadheading, lodging/ Flowered strong through season.

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