

PERENNIAL BED 2019

Crop	Cultivar	Company/ Source	# of Plots	First Bloom	31-May-2019		2-Jul-2019		7-Aug-19		5-Sep-19		Season Average	
					Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating	Performance Rating	Flower Rating
Acanthus	White Water	Terra Nova	1	24-Apr	7.0	1.0	7.0	1.0	8.0	1.0	8.0	1.0	7.5	1.0
Achillea millefolium	Milly Rock Red	Darwin Perennials	2	2-May	6.0	2.0	8.0	4.0	8.0	1.0	8.5	1.0	7.6	2.0
Achillea millefolium	Milly Rock Rose	Darwin Perennials	2		7.0	1.5	9.0	4.5	10.0	1.5	9.0	1.0	8.8	2.1
Althea	White Angel	Garden Debut	1		-	-	8.0	1.0	8.0	1.0	8.0	1.0	8.0	1.0
Amaryllis	Alasca	Abbott-IPCO	1	1-May	6.0	7.0	7.0	1.0	6.0	1.0	7.0	1.0	6.5	2.5
Amaryllis	Balentino	Abbott-IPCO	1	30-Apr	6.0	7.0	7.0	1.0	9.0	1.0	7.0	1.0	7.3	2.5
Amaryllis	Eyecatcher	Abbott-IPCO	1	29-Apr	6.0	3.0	7.0	1.0	10.0	1.0	7.0	1.0	7.5	1.5
Amaryllis	Pink Rascal	Abbott-IPCO	1	29-Apr	6.0	7.0	7.0	1.0	10.0		7.0	1.0	7.5	3.0
Amaryllis	White Rascal		2	5-May	6.0	7.0	7.0	1.0	10.0	1.0	6.0	1.0	6.6	1.8
Asclepias veridis	Butterfly Weed		1				8.0	1.0	9.0	1.0	8.0	1.0	8.3	1.0
Aster	Georgia Aster		1				8.0	1.0	9.0	1.0	9.0	1.0	8.7	1.0
Aster oblongifolius	Fanny's Fall Aster	Plant Delights	1	24-Apr	8.0	2.0	9.0	4.0	10.0	1.0	8.0	1.0	8.8	2.0
Begonia	Dotties Eyelashes	SFA Intro	1	5-May			9.0	1.0	9.0	1.0	8.0	1.0	8.7	1.0
Buddleja	Summer Bird Blue	Benary	1	30-Apr-19	-	-	8.0	2.0	6.0	1.0	1.0	1.0	5.0	1.3
Canna	Cleopatra	Abbott-IPCO	1	4-Jun-19	-	-	8.0	1.0	9.0	1.0	8.0	1.0	8.3	1.0
Canna	Kreta	Abbott-IPCO	1	4-Jun-19	-	-	8.0	1.0	8.0	1.0	7.0	7.0	7.7	3.0
Canna	Madeira	Abbott-IPCO	1	4-Jun-19	-	-	8.0	1.0	9.0	1.0	8.0	6.0	8.3	2.7
Canna	Red Velvet	Abbott-IPCO	1	4-Jun-19	-	-	8.0	1.0	9.0	1.0	8.0	5.0	8.3	2.3
Caryopteris	Gold Crest	Darwin Perennials	2	5-Sep	7.0	1.0	8.0	1.0	9.0	1.0	7.0	1.0	7.8	1.0
Caryopteris	Grand Bleu	Darwin Perennials	2	30-Aug	6.0	1.0	7.5	1.0	9.0	1.0	9.0	5.0	8.0	1.5
China Rose	Pink		1	24-Apr	7.0	1.0	9.0	1.0	10.0	1.0	10.0	2.0	9.0	1.3
Coleus	Mainstreet Beale Street	Dümmen Orange	1	11-Aug-19	-	-	8.0	1.0	9.0	1.0	9.0	1.0	8.7	1.0
Coleus	ColorBlaze Wicked Hot	Proven Winners	1	6-Aug	-	-	9.0	1.0	10.0	1.0	10.0	1.0	9.7	1.0
Coleus	ColorBlaze Wicked Witch	Proven Winners	1		-	-	8.0	1.0	10.0	1.0	10.0	1.0	9.3	1.0
Coreopsis	UpTick Gold & Bronze	Darwin Perennials	2	8-May	6.5	2.0	8.5	8.0	9.5	9.5	9.0	7.0	8.4	6.6
Coreopsis	UpTick Yellow & Red	Darwin Perennials	2	12-May	6.5	2.0	9.5	7.5	10.0	10.0	9.0	5.0	8.8	6.1
Cuphea	Honeybells	Ball Ingenuity	2	4-Jun	7.0	3.0	7.5	4.0	10.0	10.0	9.5	9.5	8.5	6.6
Cuphea glutinosa	Texas Heather		1				7.0	3.0	9.0	6.0	8.0	6.0	8.0	5.0
Dianthus	Mountain Frost Red Garnet	Darwin Perennials	2	29-Apr	6.5	1.0	8.0	1.0	10.0	1.5	10.0	2.0	8.6	1.4
Dianthus	Floral Lace Lilac	PanAmerican Seed	1				9.0	5.0					9.0	5.0
Dianthus	Floral Lace Picotee Improved	PanAmerican Seed	1				7.0	5.0					7.0	5.0
Dianthus	Floral Lace Purple Improved	PanAmerican Seed	1				7.0	3.0					7.0	3.0
Dianthus	Rockin' Pink Magic	PanAmerican-Kieft Seed	2	6-May	7.0	1.0	8.5	8.5	8.5	3.5	7.0	5.0	7.8	4.5
Dianthus	Rockin' Purple	PanAmerican-Kieft Seed	2	13-May	7.0	1.0	8.5	9.0	9.0	6.5	7.5	5.0	8.0	5.4
Dianthus	Rockin' Red	PanAmerican-Kieft Seed	2	6-May	7.0	1.0	8.5	8.0	9.0	6.0	7.5	4.0	8.0	4.8
Dianthus	Rockin' Rose	PanAmerican-Kieft Seed	2	13-May	7.0	1.0	8.0	7.5	9.0	4.0	7.5	5.0	7.9	4.4
Digitalis	Arctic Fox Rose	Darwin Perennials	2	30-Apr	7.5	1.5	9.0	8.0	7.0	1.0	7.0	1.5	7.6	3.0
Dipladenia	Summer Romance Vining Red	Ball Ingenuity	1				9.0	7.0	9.0	2.0	7.0	1.0	8.3	3.3
Echinacea	Sombrero Adobe Orange	Darwin Perennials	2	9-Jun	7.0	1.0	9.0	5.5	9.5	8.5	8.5	1.5	8.5	4.1
Echinacea	Sombrero Baja Burgundy	Darwin Perennials	2	10-Jun	7.0	1.0	8.5	8.0	9.5	6.5	8.0	1.0	8.3	4.1
Echinacea	Sombrero Blanco	Darwin Perennials	2	13-Jun	7.0	1.0	9.0	7.5	9.5	8.0	8.0	1.0	8.4	4.4
Echinacea	Sombrero Flamingo Orange	Darwin Perennials	2	10-Jun	7.0	1.0	8.0	5.0	9.0	7.0	7.5	1.0	7.9	3.5
Echinacea	Sombrero Granada Gold	Darwin Perennials	2	10-Jun	7.0	1.0	8.0	4.5	9.5	9.5	7.5	1.5	8.0	4.1

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Echinacea	Sombrero Hot Coral	Darwin Perennials	1				8.0	2.0	10.0	9.0	8.0	1.0	8.7	4.0
Echinacea	Sombrero Lemon Yellow Imp	Darwin Perennials	2	5-May	7.0	2.0	8.5	6.0	9.5	9.5	8.0	1.5	8.3	4.8
Echinacea	Sombrero Salsa Red	Darwin Perennials	2	7-Jun	7.0	2.0	8.5	6.5	9.0	5.0	7.5	1.0	8.3	4.1
Echinacea	Sombrero Sangrita	Darwin Perennials	2	23-May	7.0	2.0	8.5	7.0	9.0	6.0	8.0	2.0	8.3	4.9
Echinacea	Sombrero Summer Solstice	Darwin Perennials	2	9-Jun	7.0	2.0	8.0	6.5	9.0	6.0	7.5	1.0	8.1	4.4
Echinacea	Sombrero Tres Amigos	Darwin Perennials	2	3-Jun	7.0	2.0	9.0	5.5	9.5	9.0	8.0	1.5	8.6	5.1
Echinacea	Sombrero Sombrero Hot Coral		1						9.0	5.0			9.0	5.0
Eupatorium	Euphoria Ruby	Darwin Perennials	2	2-Jul	6.0	1.0	9.0	1.0	10.0	9.0	7.5	1.0	8.5	3.3
Gaillardia	Heat it Up Scarlet	Proven Winners	1	21-May	6.0	1.0	8.0	7.0	9.0	10.0	7.0	2.0	7.5	5.0
Gaillardia	Heat it Up Yellow	Proven Winners	1	21-May	6.0	1.0	8.0	5.0	9.0	10.0	7.0	2.0	7.5	4.5
Geranium	Fantasia Cardinal Red	Ball FloraPlant	1		-	-	8.0	3.0	6.0	6.0	4.0	1.0	6.0	3.3
Geranium	Fantasia Purple Sizzle	Ball FloraPlant	1		-	-	8.0	2.0	8.0	7.0	4.0	2.0	6.7	3.7
Geranium	Fantasia Strawberry Sizzle	Ball FloraPlant	1		0.0	-	8.0	5.0	8.0	4.0	4.0	5.0	5.0	4.7
Gerbera	Sweet Frosting White	Florist Holland	1	28-May	-	-	8.0	1.0	8.0	1.0	9.0	2.0	8.3	1.3
Gerbera	Sweet Glow Orange	Florist Holland	1	28-May	-	-	8.0	1.0	9.0	1.0	9.0	1.0	8.7	1.0
Gerbera	Sweet Memories Pink	Florist Holland	1	28-May	-	-	8.0	1.0	9.0	1.0	10.0	4.0	9.0	2.0
Gerbera	Sweet Sunset	Florist Holland	1	28-May-19	-	-	8.0	2.0	8.0	2.0	8.0	1.0	8.0	1.7
Hamalea	Lime Sizzler		1	11-Jun	-	-	10.0	1.0	10.0	8.0	8.0	2.0	9.3	3.7
Helianthus	Bert		1		-	-	8.0	6.0	-	-	-	-	8.0	6.0
Iberis	Amara Summer Snowdrift	Darwin Perennials	1	24-Apr			10.0	10.0					10.0	10.0
Impatiens, New Guinea	Sunpatiens Vigoris Orchid	Sakata	1	11-Jun	7.0	2.0	8.0	5.0	10.0	10.0	10.0	10.0	8.8	6.8
Isotoma	Fizz n' Pop Glowing Violet	Dümmen Orange	2		6.0	2.0	7.5	3.5	4.0	1.0	2.0	1.0	5.3	2.0
Isotoma	Fizz n' Pop Pretty in Pink	Dümmen Orange	2		7.0	1.0	9.0	6.0	4.0	2.5	4.0		6.3	3.2
Isotoma	Patti's Pink	Proven Winners	3		7.0	2.0	8.3	5.7	5.0	2.0	6.0	2.0	6.7	3.2
Lantana	Havanna Sunshine	Havanna Sunshine	1	28-Jul	-	-	8.0	2.0	9.0	6.0	9.0	2.0	8.7	3.3
Lantana	Havanna Full Moon	Dümmen Orange	1				8.0	2.0	9.0	1.0	10.0	1.0	9.0	1.3
Lantana	Havanna Sunrise	Dümmen Orange	1				8.0	2.0	9.0	7.0	9.0	2.0	8.7	3.7
Lantana	Havanna Sunset	Dümmen Orange	1				8.0	1.0	9.0	8.0	9.0	7.0	8.7	5.3
Lantana	Luscious Goldengate	Proven Winners	1	4-Jun			8.0	6.0	9.0	9.0	9.0	8.0	8.7	7.7
Lantana	Hot Blooded Red	Syngenta Flowers	1				8.0	3.0	9.0	8.0	9.0	9.0	8.7	6.7
Lantana	Full Moon		1								10.0	1.0	10.0	1.0
Lavandula	Big Boy James	Kiwiflora	1		7.0	1.0	8.0	1.0	10.0	1.0	10.0	1.0	8.8	1.0
Leucanthemum	Madonna	PanAmerican-Kieft Seed	2		6.0	1.0	8.0	1.0	7.5	3.0	7.5	1.0	7.3	1.5
Leucanthemum			1								8.0	1.0	8.0	1.0
Ligularia	Last Dance		1	24-Apr	9.0	1.0	9.0	1.0	10.0	1.0			9.3	1.0
Lily	American Dream	Abbott-IPCO	1				8.0	1.0	9.0	1.0			8.5	1.0
Lily	American Hot Chocolate	Abbott-IPCO	1				8.0	7.0	9.0	1.0			8.5	4.0
Lily	American Native	Abbott-IPCO	1	27-Jun			8.0	9.0	10.0	1.0			9.0	5.0
Lily	American Warrior	Abbott-IPCO	1	24-Jun			8.0	8.0	10.0	1.0			9.0	4.5
Nepeta	Blue Prelude	Darwin Perennials	2		6.0	1.0	7.5	5.0	6.0	1.0	4.0	1.0	6.2	2.1
Penstemon	Quartz Red	Darwin Perennials	3	8-May	7.5	5.5	8.5	1.5	8.0	1.0	7.0	2.0	7.8	2.3
Pentas	Old Garden Red		1				8.0	1.0	10.0	7.0	10.0	9.0	9.3	5.7
Perovskia	CrazyBlue	Darwin Perennials	2	4-Jul	6.0	1.0	7.5	1.0	9.5	5.5	8.0	6.5	7.8	3.5
Porterweed	Blue		1	11-Jun	-	-	8.0	1.0	10.0	2.0	9.0	7.0	9.0	3.3
Porterweed	Dwarf Blue		1	11-Jun	-	-	8.0	1.0	10.0	9.0	10.0	9.0	9.3	6.3
Porterweed	Pink		1	11-Jun	-	-	8.0	1.0	8.0	1.0	7.0	5.0	7.7	2.3

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Porterweed	Purple		1	11-Jun	-	-	8.0	1.0	9.0	1.0	8.0	5.0	8.3	2.3
Porterweed	Red		1	11-Jun	-	-	8.0	3.0	9.0	6.0	8.0	5.0	8.3	4.7
Reblooming Iris	Babbling Brook	Abbot Ipco	2	25-Apr			10.0	1.0	10.0	9.0			10.0	3.0
Reblooming Iris	Clarence	Abbot Ipco	1	1-May			10.0	1.0					10.0	1.0
Reblooming Iris	Concertina	Abbot Ipco	3	19-Apr	9.0	1.0	9.7	1.0	10.0	1.0			9.8	1.0
Reblooming Iris	Germ Ballyhoo	Abbot Ipco	1	1-May			5.0	1.0					5.0	1.0
Reblooming Iris	Halloween Halo	Abbot Ipco	1				10.0	1.0					10.0	1.0
Reblooming Iris	Harvest of Memories	Abbot Ipco	1	9-Apr	9.0	1.0	9.0	1.0	10.0	1.0			9.3	1.0
Reblooming Iris	Pleasant Peasant	Abbot Ipco	1	9-Apr	9.0	1.0	9.0	1.0	10.0	1.0			9.3	1.0
Reblooming Iris	Rock Star	Abbot Ipco	1				9.0	1.0					9.0	1.0
Salvia	Blue By You	Darwin Perennials	1	15-Mar			10.0	6.0					10.0	6.0
Salvia	Marvel Sky Blue	Darwin Perennials	1				5.0	1.0					5.0	1.0
Salvia	Mirage Salmon	Darwin Perennials	1	30-Apr			9.0	5.0					9.0	5.0
Salvia	Mirage White	Darwin Perennials	1	30-Apr			9.0	2.0					9.0	2.0
Salvia	Icon Dark Blue	Dümmen Orange	1	7-Jun	8.0	5.0	8.0	7.0	8.0	9.0	5.0	4.0	7.3	6.3
Salvia	Icon Light Blue	Dümmen Orange	1	7-Jun	8.0	5.0	8.0	5.0	9.0	6.0	6.0	2.0	7.8	4.5
Salvia	Icon Violet	Dümmen Orange	1	7-Jun	8.0	5.0	8.0	7.0	9.0	9.0	2.0	1.0	6.8	5.5
Salvia	Color Spires Crystal Blue	Proven Winners	1	13-May	6.0	1.0	8.0	1.0	7.0	1.0	7.0	1.0	7.0	1.0
Salvia	Rockin' Deep Purple	Proven Winners	2	5-May	7.5	4.5	9.5	6.5	9.0	7.5	6.0	3.5	8.0	5.5
Salvia	Rockin' Fuchsia	Proven Winners	2	30-Apr	7.5	4.5	9.0	5.5	9.5	8.0	7.0	5.5	8.3	5.9
Salvia	Rockin' Blue Suede Shoes	Proven Winners	2	15-May	7.0	3.5	9.5	7.5	9.0	9.5	7.0	6.0	8.1	6.6
Salvia	Rockin' Golden Delicious	Proven Winners	2	7-May	7.5	2.0	10.0	1.0	9.0	1.0	8.5	1.0	8.8	1.3
Salvia	Unplugged So Blue	Proven Winners	2	12-May	7.5	2.5	8.5	9.0	8.0	6.0	6.5	6.0	7.6	5.9
Salvia	Skyscraper Orange	Selecta	2	30-Apr	7.5	3.0	8.5	7.0	9.0	9.0	6.5	5.5	7.9	6.1
Salvia	Skyscraper Pink	Selecta	2	30-Apr	7.0	5.0	9.5	8.5	9.0	9.0	6.5	5.5	8.0	7.0
Salvia	Skyscraper Purple Dark	Selecta	2	30-Apr	7.0	4.5	9.5	8.0	9.0	8.5	6.5	4.0	8.0	6.3
Salvia	Interspecific Big Blue	Ball	2		7.0	1.5	10.0	9.0	8.5	10.0	6.5	9.0	8.0	7.4
Salvia nemorosa	April Night Blue	Green Lake Nursery	1		6.0	1.0	8.0	1.0	6.0	4.0	7.0	4.0	6.8	2.5
Salvia nemorosa	Blue Bouquetta Blue Purple	Green Lake Nursery	1	wk17	7.0	1.0	7.0	1.0	6.0	2.0	6.0	2.0	6.5	1.5
Salvia nemorosa	Lyrical Blues	Green Lake Nursery	1		6.0	1.0	10.0	10.0	8.0	9.0	8.0	9.0	8.0	7.3
Salvia nemorosa	Marvel Blue	Green Lake Nursery	1		6.0	1.0	6.0	1.0	6.0	1.0	7.0	1.0	6.3	1.0
Salvia nemorosa	May Night Blue	Green Lake Nursery	1		6.0	1.0	10.0	1.0	8.0	1.0	8.0	3.0	8.0	1.5
Salvia nemorosa	New Dimension Blue	Green Lake Nursery	1		7.0	1.0	5.0	1.0	5.0	2.0	6.0	1.0	5.8	1.3
Sedum	Prima Angelina	Darwin Perennials	1				7.0	1.0	8.0	1.0	7.0	1.0	7.3	1.0
Sedum rupestre	Angelina	Darwin Perennials	1		6.0	1.0	8.0	1.0	10.0	1.0			8.0	1.0
Sedum rupestre	Prima Angelina	Darwin Perennials	1				7.0	1.0	8.0	0.0	8.0	0.0	7.7	0.3
Tolmiea	Cool Gold	Terra Nova	1		-	-	5.0	1.0	2.0	1.0			3.5	1.0
Verbena	EnduraScape White	Ball FloraPlant	1				6.0	1.0	6.0	2.0			6.0	1.5
Verbena	Empress Sun Violet	Dümmen Orange	2	5-Jun-19	2.0	1.0	8.0	2.0	6.0	3.0	6.0	1.0	4.3	1.5
Verbena	Empress Sun White Blush	Dümmen Orange	1				6.0	1.0	6.0	2.0	4.0	1.0	5.3	1.3
Verbena	Superbena Raspberry	Proven Winners	1				5.0	2.0					5.0	2.0
Verbena	Superbena Sparkling Amythist	Proven Winners	1	4-Jun-19	-	-	8.0	2.0	8.0	8.0	9.0	5.0	8.3	5.0
Verbena	Lasca Vampire	Selecta	1	17-Jun	7.0	1.0	8.0	2.0	5.0	6.0			6.7	3.0
Salvia nemorosa	Blue Bouquet		1	wk17										

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Verbena	Carlos		1	24-Apr			7.0	1.0	8.0	5.0	.	.	7.5	3.0
Verbena	Snow Flurry		1	24-Apr			5.0	1.0	9.0	3.0			7.0	2.0
Veronica	Forever Blue	Darwin Perennials	1	24-Apr			9.0	7.0			.	.	9.0	7.0
Veronica	Moody Blues Mauve Improved	Darwin Perennials	2	7-May	6.5	2.0	8.0	5.0	8.5	6.5	8.5	5.0	7.9	4.6