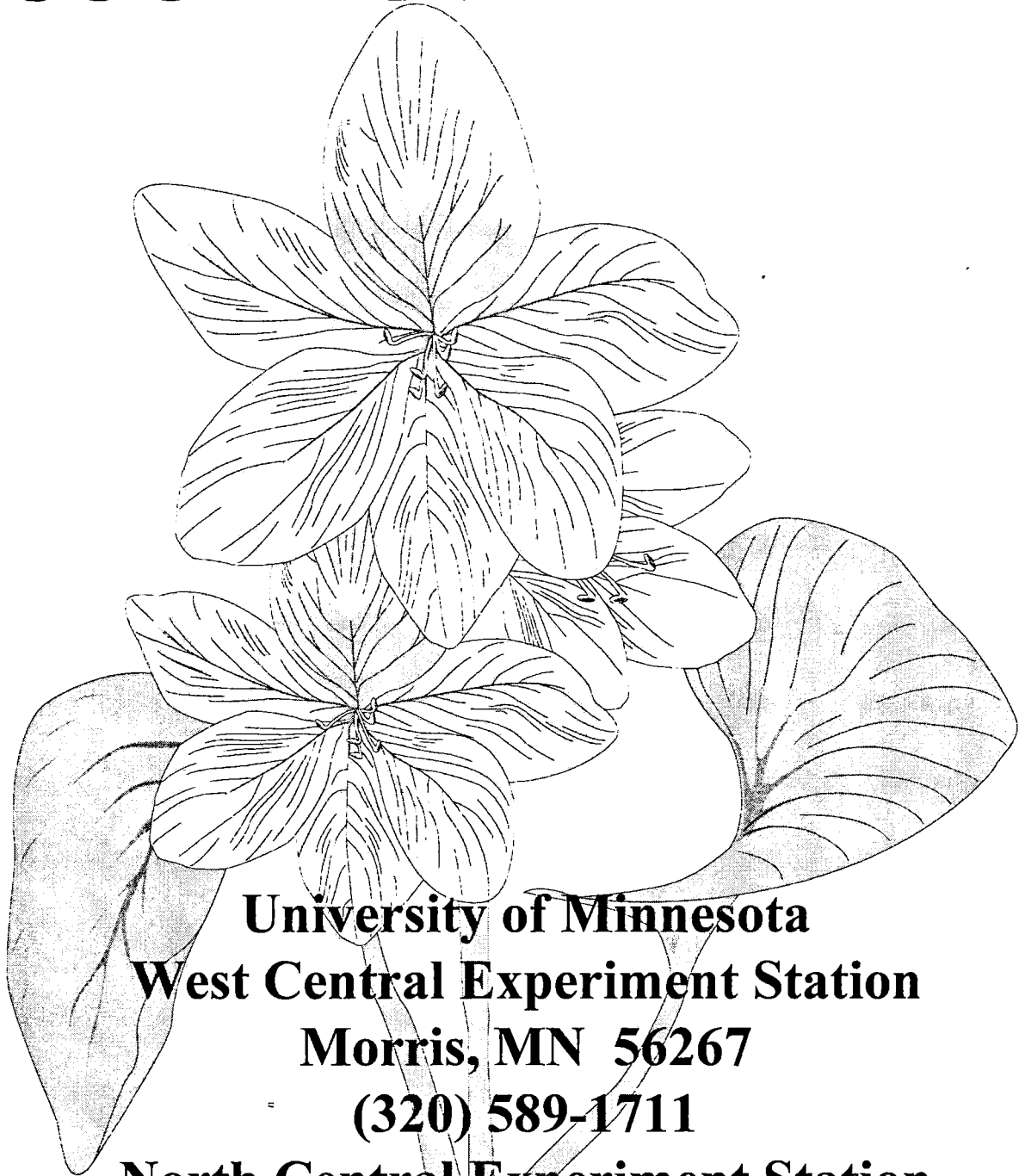


1998 FLOWER TRIALS



**University of Minnesota
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**Steve Poppe, Horticulture Plot Coordinator
Dave Wildung, Horticulturist/Professor
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1998 ANNUAL FLOWER TRIAL

WCES Source of Seed and Plant Materials*

<u>CODE</u>	<u>COMPANY NAME</u>	<u>ADDRESS</u>
AAS	All-American Selections Trails	1311 Butterfield RD, Suite 310 Downers Grove, IL 60515
AP	Applewood Seed Company	5310 Vivian Street, Aurada, CO 80002
AT	American Takii, Inc.	301 Natividad RD, Salinas, CA 93906
BA	Ball Seed Co.	622 Town Road, West Chicago, IL 60185-2698
BO	Bodger Seed, Ltd.	1851 W Olive Ave., Lompoc, CA 93436
BU	Burpee	300 Park Ave., Warminster, PA 18974
DA	Daehnfeltdt Inc.	3025 Kathryn St. NE, Albany, OR 97321
FL	Floranova	106 Third St., Box 1362, Bautista, CA 95045
GO	Goldsmith Seeds, Inc.	2280 Hecker Pass Hwy., PO Box 1349, Gilroy, CA 95020
GR	G.S. Grimes	201 West Main Street, Smethport, PA 16749
H	Harris Seeds	60 Saginaw Dr., P.O. Box 22960, Rochester NY 14692-2960
JS	Johnny's Selected Seeds	Foss Hill Rd, Albion, ME 04910
NO	Novartis	5300 Katrine Ave., Downers Grove, IL 60515-4095
PARK	Park Seed	Chokesbury Rd., Greenwood, SC 29647-0001
PA	Pan American	PO Box 438, West Chicago, IL 60185
SK	Sakata Seed America, Inc.	1956 Cherry Run Drive, NW, Grand Rapids, MI 49501

*Company names are included for public information only and do not represent an endorsement by the University of Minnesota. However, we appreciate the generous donation of seed and plant materials by these companies in support of our horticulture research.

Flower Cultivar Evaluation Data

Plant Uniformity

1 = Poor 5 = Excellent

Plant and Flower Ratings

1 = Poor FL= Flower rating
5 = Excellent PL= Plant rating

Highlighted cultivars are rated good to excellent under 1998 conditions.

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8		9/2		7/22		8/26		
PL	FL	PL	FL	PL	FL	PL	FL	PL	FL							
Ageratum																
Blue Danube	BO		7.5		14.0	2.0	4					4	4	4	5	
Blue Hawaii	BO	4.5	9.0	9.0	18.0	1.0	4	4	5	4	4	5	5	5	5	Lots of flowers, bushy
Blue Horizon	JS	18.0	27.0	22.0	22.0	.8	4	5	4	5	5	5	5	4	3	Big thick & wonderful
Neptune Blue	GO	4.0	5.5	8.0	9.2	.8	4	4	4	2	2	3	4	3	4	Foliage inconsistent, flower good
Red Top	JS	17.0	19.5	19.0	15.2	1.2	4	5	3	4	3	5	2	4	4	
Royal Hawaii	BO		6.0		12.0	1.5	4					4	5	4	4	Good shape & flowers
White Bouquet	JS	23.0	27.0	34.0	21.0	1.5	5	5	3	4	3	5	5	5	2	Plants open up
White Hawaii	BO	6.0	4.5	10.0	12.5	.9	4	4	4	4	3	3	3	4	3	Dying
Alyssum																
Carpet of Snow	JS	11.0	7.2	32.0	16.5	1.0	4	4	4	4	4	4	4	4	5	Good compact flower
Snow Crystals	ST		12.5		36.0	.5	5					5	5	5	5	Thick & rich
Wonderland Deep Rose	BO		6.0		12.0	.5	5					5	5	4	5	Good shape
Wonderland Purple	BO		6.5		17.0	.8	2					4	4	2	2	Small, variable color
Wonderland White	BO		7.0		15.5	.5	3					5	5	3	2	
Amaranthus																
Pygmy Torch	BE	10.0		18.0		3.0	3	4	1	5	1					Variable no bloom
Asarina																
Bright Jewel Mix	JS	4.0		16.0		--	3	4	1	4	1					
Bachelor's Button																
Florist Blue Boy	JS	19.0		16.0		1.5	2	4	3	3	2					Nearly dead
Basil																
Siam Queen	AAS	11.0		14.0		4.0	4	5	3	4	4					
Sweet Dani	AAS	30.0		32.0		8.0	4	5	2	4	3					Sprawling plants
Begonia																
Ambassador, Coral	DA	11.0	7.0	9.0	5.5	1.4	3	3	4	4	4	1	2	1	2	Very good
Ambassador Deep Rose	DA	10.0	9.5	12.0	10.5	1.5	3	3	4	4	4	4	4	4	4	Very nice flower
Ambassador Rose	DA	11.0	7.0	13.0	6.5	1.1	3	5	5	4	4	2	2	2	2	Very nice
Ambassador Rose Blush	DA	11.0	6.5	10.0	5.5	1.4	3	3	4	3	3	2	2	2	2	Plants variable, nice
Ambassador Salmon	DA	13.0		13.0		1.8	5	5	5	4	3					Excellent
Ambassador Soft Pink	DA	7.5	5.2	6.0	5.8	1.2	3	3	4	2	2	1	2	1	1	Poor growth
Ambassador White	DA	8.0	6.2	8.0	8.0	1.3	3	4	5	4	4	5	3	2	3	
Apple Blossom-Tuber.	BE	7.0		12.0		3.8	3	4	2	4	4					
Apricot-Tuber.	BE	6.0		11.0		3.0	4	4	3	3	4					
Charisma Rose Pink			6.2		8.2	1.8	4					3	4	3	4	
Cocktail	BE		8.8		9.0	1.2	3					3	3	3	3	

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8		9/2		7/22		8/26		
								PL	FL	PL	FL	PL	FL	PL	FL	
<i>Begonia</i>																
Coral	BE	8.0		9.0		1.5	5	4	5	4	4					Excellent
Dragon Wings-Tuber.	PA	14.0		23.0		2.3	4	5	3	4	4					Tall plants, leggy
Encore Pink	PA	12.0		12.0		1.5	4	4	4	4	4					Tall plants, leggy, variable but nice
Encore Pink/BL	PA	12.0		15.0		1.5	4	5	4	4	4					Tall plants, variable very good
Encore White	PA	16.0		25.0		1.5	5	5	4	5	5					Tall plants, excellent
Encore White/BL	PA	14.0		19.0		1.5	4	5	4	4	5					Tall plants
Eureka Deep Rose/GL	NO	8.0	8.2	6.0	9.8	.9	4	4	4		5	3	4	4	4	
Eureka Pink/GL	NO	9.0	8.8	14.0	7.8	1.1	5	4	4	5	5	3	4	4	4	Nice
Eureka Rose/BL	NO	8.0		6.5		1.3	4	3	4	3	3					
Eureka Scarlet/GL	NO		11.0		11.8	1.0	4					3	4	4	4	
Eureka White/BL	NO	10.0	8.5	10.0	7.2	1.0	4	4	5	5	4	2	2	2	3	
Flame Tuber.	BE	11.0		11.0		4.0	4	5	3	5	5					Very good
Inferno Apple Blossom/GF	DA		9.8		12.0	1.2	4					3	3	4	4	
Inferno Red/GF	DA		9.8		12.5	1.5	4					4	4	4	4	
Inferno Rose/BF	DA		4.0		17.5	1.8	3					2	3	2	3	
Inferno Rose/GF	DA		5.2		9.0	1.2	2					2	3	2	3	
Pin Up-Tuber.	BE	9.0		13.0		4.0	4	4	3	4	4					Very good
Pin up Flame-Tuber.	AAS	8.0		14.0		3.3	4	5	3	4	4					
Pink	BE	10.0		14.0		1.3	4	5	5	4	5					Excellent
Pink Rose	BE	13.0		10.0		2.3	4	5	4	5	5					Excellent flower, best in trial
Prelude Coral	PA	8.0		7.0		1.8	3	3	4	3	4					
Prelude Pink	PA	10.0		14.0		1.5	5	5	5	5	5					Excellent
Prelude Rose	PA	9.0		11.0		1.3	3	4	5	4	4					Two off types, good
Prelude White	PA	10.0		11.0		1.5	4	4	4	5	4					Very good
Rose	BE	8.0		8.0		1.3	4	4	5	4	4					
Scarlet-Tuber.	BE	8.0		11.0		3.0	4	3	3	4	4					Excellent flower
Senator, Deep Rose	DA	7.0	8.5	10.0	7.5	1.7	3	4	4	4	4	3	4	3	4	
Senator, Pink	DA	7.0	7.0	7.0	11.0	1.3	4	3	4	4	4	3	3	3	4	
Senator Rose	DA	9.5	10.0	8.0	8.5	1.3	4	5	5	5	4	3	3	3	3	
Senator Scarlet	DA		12.5		10.5	1.5	3					3	3	3	4	
Senator White	DA	12.0	8.0	13.0	11.0	1.0	4	4	5	5	5	4	4	4	5	Excellent, many flowers
Super Olympia Coral	BE	9.0		7.5		1.0	4					3	3	4	4	
Super Olympia Red	BE	9.0		10.0		1.5	5					4	4	5	5	
Super Olympia Rose	BE	7.8		10.0		1.5	3					3	3	3	4	
Super Olympia Rose Pink	BE		16.0		17.0	1.5	4					4	4	5	5	
Super Olympia White	BE		6.0		8.2	1.2	3					3	3	3	3	
Victory BL Pink	GO	9.0		8.0		1.3	4	3	5	4	4					
Victory BL White	GO	8.5		8.0		1.0	3	4	4	4	4					
Victory GL Pink	GO	9.0		10.0		1.3	4	4	4	4	4					
Victory GL Rose	GO	7.0		7.0		1.3	3	3	4	3	3					
Victory GL Scarlet	GO	6.0		6.0		1.8	3	2	4	3	3					
White	BE	12.0		10.0		1.5	4	4	5	4	4					Very good

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8		9/2		7/22		8/26		
								PL	FL	PL	FL	PL	FL	PL	FL	
Wodka	BE		5.0		6.5	.8	2					1	2	1	2	Poor growth
Brachycome																
Bravo Dunkelblau	BE	8.0		8.0		.3	2	3	4	1	1					Plants dead
Bravo Violet	BE	7.0	7.2	9.0	7.8	.7	2	4	5	1	1	3	4	1	3	Plants dead, storm damage
Bravo Weifz	BE	8.0		8.0		.8	2	4	5	1	1	1	--	--	--	Plants dead no bloom, poor transplant
Browallia																
Blue Bells	DA		6.8		19.0	1.0	4					1	1	4	3	
Ocean Mixed	DA	4.0		3.0		.8	4	2	1	2	1					
Calendula																
Fiesta Gitana	BE	8.0	14.5	16.0	17.5	1.3	3	3	4	3	2	1	1	--	--	Poor
Mischung																
Gem Mixed	BU	11.0		15.0		1.5	2	3	3	2	2					Nearly dead
Goldschwarze Prinzess	BE	20.0		22.0		2.0	3	5	3	3	3	2	3			Variable flowers – poor
Prinzess	BE	17.0	--	24.0	--	1.5	3	4	3	5	3	2	3	--	--	Poor color, dead, weak stems
Schwarzorange																
Canna																
Tropical Red	Germania		29.0		23.0	10.0	5					4	3	5	4	Clean foliage
Carnation																
Mini Spice Red	BO		8.8		6.5	1.5	1					3	5	2	1	Many flowers
Mini Spice White	BO		9.0		6.0	1.2	3					3	4	2	--	Lots of flowers
Celosia																
Amazan	BU		50.0		33.3	2.5	5					5	--	5	3	Big
Amingo Mix	BE	4.0		5.0		4.5	2	2	2	3	3					Very small plants
Amigo Mahagonirot	BE	4.0	4.5	6.0	6.0	4.8	3	2	3	3	3	1	5	2	5	Very small plants, var., stunted, good color
Dance Gold	GR	7.0	7.8	8.0	7.2	2.8	2	3	4	3	3	1	1	1	1	
Flamingo Feather	JS	22.0	36.0	13.0	14.0	3.3	4	5	3	5	5	4	3	5	5	Not showy, tall & thin, foliage green
Gloria Gelb	BE	8.0	8.0	6.0	9.5	2.9	3	3	4	3	2	1	1	1	1	Flower not showy
Gloria Rose	BE	7.0	6.0	7.0	6.0	2.3	2	3	3	4	4	1	1	1	1	One type, almost dead
Gloria Scharlach	BE	10.0	6.0	12.0	8.0	2.5	2	3	4	4	4	4	4	2	2	Variable plants, excess water, beautiful
New Look	BE	10.0	16.0	11.0	13.0	4.5	5	5	3	5	5	5	5	5	5	Nice plume, foliage deep color
Pampas Plume	JS	30.0		30.0		3.0	2	5	3	4	4					Very large plants
Pink Candle	H	10.0	25.5	10.0	11.0	3.4	5	5	5	4	4	4	4	4	4	
Prestige Scarlet	AAS	9.0	19.0	14.0	16.5	1.9	5	4	2	4	3	5	4	5	5	Nice plants
Centaurea																
Premium Lemon Yellow	GR		30.0		47.0	1.8	4					4	5	3	3	Delicate flower, storm damage
Cleome																
Helen Campbell	H		56.0		35.0	6.0	5					5	5	5	5	Very healthy, storm damage, good flower
Rose Queen	H		48.0		42.0	4.5	5					5	5	5	5	Great color
Coleus																

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
Golden Wizzard	ST		17.5		20.5	--	4					4	--	5	--	
Seven Dwarfs Red	ST		13.5		16.0	--	3					3	--	3	--	
Cosmos																
Versailles Blush Pink	JS	26.0		22.0		3.0	3	4	2	3	3					
Versailles Carmine	JS	24.0		30.0		2.8	4	5	1	4	4					Best cosmos
Versailles Pink Eye	JS	32.0		20.0		2.3	2	3	2	2	2					Poor plant
Versailles Pink	JS	26.0		29.0		3.0	2	3	2	2	2					Plants broken down
Versailles White	JS	23.0		25.0		3.0	3	3	3	2	2					Poor plants
Corn Cockle																
Purple Queen	JS		--		--	--	--					2	3	--	--	Yellow foliage
Ocean Pearls	JS		--		--	--	--					2	3	--	--	Yellow, dying
Dahlia																
Gartenfreude	BE	11.0	14.0	12.0	15.0	2.2	3	5	2	4	2	5	5	4	3	Bushy plants, lots of flowers
Dianthus																
Diamond Blush Pink	SK	7.0	11.5	13.5	13.0	1.0	4	4	4	4	3	5	5	4	2	Off flower color, good color many blms.
Diamond Carmine	SK		13.0		12.0	1.0	5					5	5	5	5	Beautiful color & blossoms
Rose																
Diamond Coral	SK	8.0	12.0	12.0	12.0	1.2	5	4	4	4	3	5	5	3	3	Many blossoms, great color
Diamond Pink	SK	7.0	10.5	11.0	12.0	1.0	4	3	3	4	3	5	5	5	4	Many blossoms
Diamond Purple	SK		10.2		11.0	1.0	5					5	5	5	4	Stocky plants, many flowers
Diamond Scarlet	SK	11.0	13.0	13.0	12.0	1.3	4	4	4	5	4	5	5	5	4	Beautiful
Floral Lace Cherry	BA	8.0	12.8	1.0	10.2	1.4	4	4	3	5	4	4	4	5	4	
Floral Lace Crimson	BA	8.5	9.0	11.0	12.5	1.5	3	3	3	3	4	4	4	5	4	
Floral Lace Light Pink	BA	9.0	8.2	10.0	9.5	1.3	4	4	4	4	3	4	4	4	4	
Floral Lace Picotee	BA		8.0		9.0	1.5	4					4	5	4	4	Good color
Floral Lace Purple	BA		10.0		10.5	1.2	4					5	5	4	3	Good plants
Floral Lace Rose	BA		8.8		11.0	1.2	5					4	4	5	4	
Floral Lace True Rose	BA		10.0		12.0	1.5	5					4	5	4	4	Many flowers, good color
Floral Lace Violet	BA		12.5		14.0	1.2	5					5	5	5	5	Good plants
Floral Lace Violet Picotee	BA		8.0		11.0	1.5	2					5	5	3	3	Many flowers
Ideal Carmine	H	9.0	10.0	13.0	11.0	1.3	4	3	5	4	4	5	5	5	3	Open plant, variable flower, many blooms
Ideal Pink	H	10.0	13.0	13.5	12.0	2.0	4	4	4	4	4	5	5	5	4	Very nice, covered with bushy flowers
Pink Flash	AT	7.0	6.0	8.0	7.0	--	3	2	2	2	2	1	1	1	--	No flowers, dead
Princess Crimson	GO	9.0	11.5	12.0	11.0	1.3	4	4	3	5	4	4	3	4	1	Best Dianthus
Princess Pink	GO	10.0		13.0		1.3	4	4	4	4	3	3	4	--	--	Very nice, good color
Princess Purple	GO		7.2		8.2	1.0	5					5	5	4	3	Lots of flowers, good color
Princess Salmon	GO	8.0		10.0		1.0	3	4	4	4	4					
Princess Scarlet	GO	8.0	12.0	11.0	11.0	1.0	5	5	5	5	4	5	5	3	2	Excellent, many blossom, great color
Princess White	GO		7.8		7.8	1.0	2					5	5	2	2	Sturdy plant, many flowers
Raspberry Parfait	GO	6.0		8.0		1.5	5	4	2	4	2	5	5	--	--	Good color, some plants dead
Rosemarie Velvet	BO		6.5		8.0	1.5	4					3	3	4	5	
Rosemarie White	BO		9.0		9.0	1.5	2					4	4	1	1	Dying

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
<i>Geranium</i>																
Hot Pink Orbit	GO		15.0		15.0	4.0	5					5	5	5	5	Good color, many blossoms
Maverick Lt. Salmon	GO	10.0		13.0		3.5	3	3	2	3	4					Weak plants
Maverick Pink	GO		16.5		18.5	3.8	5					5	4	5	4	
Maverick Red	GO	13.0	16.5	20.0	19.0	3.9	4	5	2	4	5	4	4	5	4	Zonal
Maverick Salmon	GO	13.0		18.0		4.0	4	5	2	5	5					Zonal
Maverick Scarlet	GO	12.0	15.0	16.0	18.0	5.5	5	4	3	5	5	5	5	5	5	Zonal, dark green foliage, many buds
Maverick Star	GO	14.0	23.0	20.0	17.5	3.9	5	5	2	5	5	4	4	3	5	Mostly pale purple, very large plants
Maverick Violet	GO		16.5		18.0	3.8	5					5	5	5	5	
Maverick White	GO	15.0	14.0	20.0	13.0	4.0	5	5	2	5	5	3	3	3	3	
Multibloom Bright Rose	GO		9.5		11.0	3.8	3					3	3	5	5	Lighter color leaf
Multibloom Capri	GO		11.0		13.0	3.0	3					2	3	3	3	
Multibloom Light Salmon	GO		14.0		14.0	4.0	4					2	3	5	5	Small plants, little flowers
Multibloom Pink	GO		12.8		15.5	3.5	4					3	4	4	4	
Multibloom Red	GO	10.0		13.0		3.5	5	4	4	3	4					
Multibloom Salmon	GO	9.0	11.5	14.0	15.0	2.9	4	3	3	4	4	3	4	3	5	Very nice flowering, lots of flowers
Multibloom Scarlet Eye	GO	10.0	9.0	12.0	12.5	2.9	3	2	2	3	3	1	2	2	2	Mostly scarlet, small plants, water damage
Multibloom White	GO	12.0		12.0		4.0	4	4	4	4	3					
Pinto Deep Rose	NO		16.0		15.0	3.0	4					5	5	5	4	Good foliage color
Pinto Quicksilver	NO		14.0		14.0	3.0	5					3	3	3	3	
Pinto Red	NO	12.0	19.8	17.0	19.0	3.4	5	5	2	5	4	5	5	5	5	Zonal good color
Pinto Violet	NO		16.5		16.0	3.5	5					5	5	5	5	
Ringo 2000 Cardinal	NO	12.0		16.0		4.0	4	4	2	4	4					Zonal
Ringo 2000 Deep Scarlet	NO	11.0	14.0	17.0	15.0	4.1	5	4	3	5	5	5	5	4	5	Zonal, strange stocky plant, good color
Ringo 2000 Rose Star	NO		14.2		15.0	2.2	4					3	3	5	3	
Ringo 2000 Scarlet Star	NO	12.0	17.0	18.0	17.0	3.8	4	3	2	5	4	4	5	3	5	Three off type, mostly scarlet, zonal
Raspberry Ripple	FL	12.0	10.0	18.0	12.2	3.5	5	5	2	4	4	3	3	5	4	Zonal, stunted, water damage
Strawberry Ripple	FL	11.0	16.0	20.0	22.5	4.3	5	5	2	5	5	5	3	5	4	
Globe Amaranth																
Bicolor Rose	JS	17.0	23.0	17.0	15.0	.9	3	4	2	5	4	5	4	5	5	Clean foliage
Qis Carmine Purple	JS	21.0	28.8	28.0	33.2	1.0	5	5	2	5	5	5	5	5	5	Excellent, nice
Woodcreek Red	H	19.0		22.0		1.0	5	5	2	5	5					Beautiful color, excellent, pretty good
Gypsophila																
Garden Bride	DA		0.6		9.0	.2	2					4	5	1	2	Very sweet, good shape, compact
Gypsy	AAS	8.0	7.2	16.0	14.5	.3	3	4	3	4	3	5	5	2	2	Half the plants dead, compact, sweet
Helianthus																
Pacino	BE	20.0		16.0		2.5	5	5	3	2	2					All dead
Heliotrope																

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
Marine	JS	15.0	8.5	23.0	15.8	5.1	4	5	2	5	5	5	5	4	3	
Impatiens																
Accent Blush Pink	GO	11.0	10.0	23.0	22.0	2.0	4	4	4	5	5	4	4	4	4	Very good
Accent Coral	GO	6.0		12.0		1.8	3	3	3	3	3					
Accent Deep Pink	GO	17.0	4.2	24.0	16.2	1.7	4	5	5	5	5	2	2	2	2	Excellent
Accent Lavender Blue	GO		3.2		15.5	1.5	2					2	3	3	3	
Accent Lilac	GO		2.0		15.5	1.8	3					2	3	3	4	
Accent Ltd. Edition Mix	GO	14.0		23.0		2.0	4	4	4	5	5					Harsh colors, nice mix
Accent Pastel Mix	GO	14.0		23.0		1.8	4	5	4	5	4					Soft color
Accent Peppermint Mix	GO	12.0		21.0		1.8	4	4	4	5	4					Mostly red
Accent Pink	GO	11.0	10.2	21.0	27.0	1.8	4	5	4	5	5	3	4	3	4	
Accent Red	GO		5.0		16.5	2.2	4					4	3	4	4	
Accent Rose	GO		11.2		22.0	2.0	4					3	5	4	5	
Accent Salmon	GO	15.0	66.8	25.0	22.0	1.8	4	5	5	4	5	3	4	3	4	Excellent
Accent Sunrise Mix	GO	10.0		16.0		2.0	4	5	4	4	4					
Accent Violet	GO		5.8		18.5	1.8	4					3	4	4	4	
Accent Violet Imp.	NO		3.0		15.0	1.8	3					3	3	3	4	
Accent White	GO		16.5		27.0	2.2	5					4	4	5	5	Large, many flowers
Blitz 2000 Pink	NO	13.0	5.2	19.0	16.0	1.9	4	4	4	5	5	3	3	3	4	Nice
Blitz 2000 Rose	NO		4.5		17.0	1.8	4					4	4	4	5	
Cajun Deep Pink	NO	4.0		14.0		2.0	3	3	3	3	3					
Cajun Lilac	NO		5.2		18.5	1.8	4					4	4	4	5	Bright
Cajun Pink	NO	6.0	7.5	20.0	20.0	1.7	4	4	3	5	4	3	4	3	4	
Cajun Red	NO		4.0	20.0		1.8	3					3	4	4	4	
Cajun Salmon	NO	20.0		29.0		2.3	5	5	4	5	5					Excellent
Cajun Violet Imp.	NO		5.0		17.8	1.8	4					3	4	4	5	Bright flowers
Cajun White	NO		10.0		22.0	1.8	4					3	4	4	5	
Carnival Deep Pink	DA	5.0	3.2	14.0	12.2	1.7	4	4	4	4	3	2	3	2	3	
Carnival Lilac	DA		10.0		27.0	1.8	4					4	4	4	4	Many flowers
Carnival Metallic Deep Salmon	DA	14.0	23.0	22.0	29.0	2.0	4	5	5	5	5	4	4	5	4	Excellent
Carnival Pink	DA	18.0		27.0		2.0	5	5	4	5	4					Very nice
Carnival Pink Rose Clair	DA		2.8		14.5	1.8	3					3	3	4	4	
Carnival Red	DA		8.5		26.0	1.8	5					3	4	4	5	
Carnival Rose	DA		5.0		18.0	1.5	3					2	3	3	3	
Carnival Scarlet	DA		5.8		20.0	2.0	3					3	4	3	5	
Carnival White	DA		8.5		22.5	1.8	5					4	4	5	5	Very uniform many flowers
Dazzler Blush	PA	4.0		14.0		2.3	3	3	3	4	5					
Dazzler Coral	PA	6.0		17.0		1.8	4	4	4	4	4					
Dazzler Deep Pink	PA	4.5		14.0		1.8	4	4	4	4	4					
Dazzler Merlot Mix	PA	7.0		18.0		2.0	3	3	4	4	4					Harsh colors, nice

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments	
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris					
								8/8	9/2	7/22	8/26	PL	FL	PL	FL		
Dazzler Peacock Mix	PA	11.0		22.0		2.3	4	4	4	4	4						Nice mix
Dazzler Pink	PA	4.5		14.0		2.0	3	3	4	4	4						
Dazzler Salmon	PA	5.0		13.0		2.0	4	3	3	4	4						
Impact Blush	SK	4.0		15.0		1.5	4	3	4	4	5						
Impact Coral	SK	7.0		17.0		1.8	4	4	4	4	5						Very nice
Impact Deep Salmon	SK	4.0	6.5	12.0	20.0	2.5	4	4	2	4	4	3	3	3	4		
Impact Lavender	SK		7.0		19.5	1.5	4					3	4	4	5		
Impact Light Pink	SK	6.0	6.0	16.0	20.5	1.9	3	4	3	4	4	3	3	3	4		
Impact Purple	SK		7.0		21.0	1.5	4					4	4	4	4		Bright
Impact Red	SK		4.2		12.5	1.5	1					2	3	1	3		
Impact Rose	SK		4.0		17.8	1.2	3					3	3	3	4		
Impact Rose Pink	SK		5.0		19.5	1.8	4					3	4	4	5		
Impact Scarlet	SK		10.2		20.0	1.8	5					4	4	5	5		Large plants, many flowers
Impact White	SK		8.2		20.5	1.8	5					4	4	5	5		
Impulse Deep Pink	NO	13.0	15.5	25.0	28.5	2.2	5	5	4	5	4	4	4	4	5		Excellent
Impulse Red	NO		13.5		26.0	1.8	5					4	5	5	5		
Mosaic Rose	GO		4.2		19.5	1.2	4					3	3	4	4		
Pride Pink	SK	13.0	6.0	21.0	24.0	2.0	4	4	3	4	4	3	3	3	4		Very nice, more sun
Pride Red	SK		9.8		20.2	5.0						4	4	5	5		
Pride Violet	SK		8.0		25.2	1.8	4					3	4	4	5		
Pride White	SK		3.8		11.2	1.8	2					2	2	1	1		Poor growth
Showstopper Mix	PA	11.0		20.0		2.0	2	3	3	4	3						
Showstopper Pink	PA	8.0		18.0		1.8	4	4	3	5	4						
Showstopper Salmon	PA	14.0		23.0		2.0	4	5	4	5	4						Very nice
Super Elfin Salmon	PA	4.0	6.5	13.0	20.0	1.7	3	3	4	4	4	3	3	3	4		
Super Elfin White	PA		8.0		21.5	1.8	5					4	4	5	5		
Tempo Blue Satin	BO		3.5		16.8	1.5	3					3	3	3	4		
Tempo Blush	BO	12.0		27.0		2.0	5	5	4	4	5						Very good
Tempo Pink Frost	BO		9.0		17.0	1.5	3					3	3	3	3		
Tempo Red	BO		5.8		17.5	2.0	3					3	3	3	4		
Tempo Wedgewood Mix	BO	6.0		14.0		2.0	2	3	4	4	3						
Tempo White	BO		9.8		19.0	1.8	4					3	4	4	4		
Victorian Rose	AAS	17.0	2.2	26.0	16.5	1.7	4	5	4			3	3	3	4		Excellent
Lavatera																	
Mont Blanc	JS		--		--	--	--			3	3	1	--	--	--		Dead, poor transplant
Pink Beauty	JS	24.0	17.2	26.0	12.5	2.8	2	5	4	3	4	1	1	2	2		Very nice plant, poor transplant, injury
Silver Cup	JS	--		--		-	-	-	-	3	3						Dead
Lavender																	
Lady	AAS	10.0	13.0	13.0	13.0	.8	4	3	2	4	3	4	3	3	3		Excellent for lavender, very nice color
Linaria																	
Fantasy Blue	AT	6.0	10.0	7.0	15.0		5	3	2	1	1	4	4	1	1		Plants dead
Fantasy Magenta Rose	AT	9.0	11.0	9.0	11.0		3	3	1	1	1	3	4	1	0		All plants dead, beautiful flower

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments	
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris					
								8/8	FL	PL	9/2	FL	PL	7/22	FL		PL
Fantasy Speckled Pink	AT	9.0		11.0			2	3	1	1	1						Nearly dead
Fantasy Yellow	AT	7.0	7.0	6.0	8.0	.5	3	3	1	1	1	3	2	2	1		No bloom, nearly dead
Fantasy White	AT	9.0	8.0	1.0	14.0	.5	3	3	2	1	2	3	2	1	1		Very poor
Lobelia																	
Fan Schariach	BE	7.0	13.0	5.0	6.8	5.2	3	3	1	1	1	4	--	2	2		Uneven
Fan Tiefrosa	BE	6.0		7.0			3	3	1	3	1						
Fan Tiefrosa Deep Rose	BE		9.5		6.2	5.2	.3					2	--	3	3		Browning, uneven
Fan Series Cinnabar Rose	JS	9.0		6.0			3	3	2	3	1						
Fan Series Deep Red	JS	7.0		5.0			3	3	2	1	1						
Fountain Blue	Park		6.0		12.0	--	5					3	3	1	--		Dying
Fountain White	Park		6.0		12.0	--	5					4	4	1	--		Dried up
Palace Blue	BO		5.5		5.2	.2	1					3	5	1	2		Good color
Palace White	BO		3.0		4.5		2					4	4	2	2		Sturdy
Regatta Blue eye	H		6.5		9.0	.2	2					1	3	2	2		Poor growth
Regatta Blue Splash	H	5.0	5.0	7.0	5.8	--	2	2	3	1	1	1	2	1	1		Dying poor
Regatta Sapphire	H	5.0		7.0			3	3	2	1	1						
Royal Place	BO		5.0		10.2	.5	3	3				3	5	3	2		Full bloom
Marigold																	
Atlantis Orange	BO	11.0	16.5	13.0	15.0	3.2	4	3	2	3	3	5	5	4	4		Nice flower, good shape, huge flower
Atlantis Yellow	BO	13.0	15.5	13.0	15.5	3.0	4	5	3	4	3	5	5	3	3		Nice flowers
Bonanza Bolero	PA	8.0	10.0	12.0	13.5	2.2	3	3	3	3	4	5	5	2	2		Nice flowers, melon/gold
Bounty Yellow	SK	7.5	12.5	12.0	9.8	1.8	3	4	3	3	3	2	2	3	3		Uneven
Disco Flame	BO		10.0		15.0	1.8	1					4	4	1	5		Size not consistent
Disco Golden Yellow	BO		14.5		18.7	2.0	3					5	5	3	3		Dense plant
Disco Granada	BO		13.5		13.0	1.5	3					5	4	3	3		Healthy
Disco Marietta	BO		10.0		15.5	2.0	3					1	2	3	3		Damaged, brown yellow injury
Disco Mix	BO																
Disco Orange	BO		14.0		14.0	2.0	3					5	5	4	3		Big, bright blossoms, foliage good cover
Disco Queen	BO																
Disco Red	BO		14.0		17.0	1.8	5					3	3	5	4		Small flowers
Disco Yellow	BO		13.0		21.5	2.2	3					4	5	3	4		Good size flower
Discovery Orange	BO	9.0	13.0	12.0	17.0	2.3	4	4	3	3	3	5	5	5	4		Very nice flower color
Discovery Yellow	BO	10.0	14.8	12.0	13.5	2.9	4	5	3	3	3	5	5	4	4		
Doublebloom Yellow	BO		34.0		34.0	3.5	4					5	5	5	4		
Durango Orange	PA	8.0	11.0	15.0	16.0	2.3	4	3	1	4	2	5	3	5	5		Good plant, spotty blossoms
Durango Spry	PA	8.0	13.0	11.0	15.0	2.1	4	4	3	4	3	5	5	4	5		Sturdy, good flower
Durango Yellow	PA	9.0	10.2	14.0	11.5	2.3	4	3	2	3	3	4	3	4	3		Some flower dying
Gold Coins Double	BO		36.0		52.0	3.0	5					5	4	5	5		Not consistent bloom
Eagle																	
Gold Coins Sovereign	BO		22.0		24.0	2.2	5					5	5	5	5		Large consistent blossom
Hero Bee	BO	10.5	11.5	15.0	17.0	2.2	4	3	2	4	3	4	4	4	3		Nice flowers

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	8/8	9/2	7/22	8/26	
Hero Flame Improved	BO	6.0		10.0		2.0	3	3	3	2	2					Attractive flower melon/gold
Hero Gold	BO		10.0		15.0	2.0	5					5	5	4	4	All over good, nice plant
Hero Gold Imp.	BO		13.2		16.0	1.8	4					5	5	4	3	Full plant & flower
Hero Harmony-Imp.	BO		10.0		10.0	1.8	3					3	4	3	3	Yellowness, uneven
Hero Mix	BO		13.5		18.5	2.0	3					5	4	3	3	Clean foliage
Hero Orange – Imp.	BO	6.0	12.5	10.0	11.5	2.5	3	3	2	2	2	5	5	3	3	Healthy, many flowers
Hero Spry	BO		13.5		13.0	1.8	2					3	4	2	3	Yellowness
Hero Yellow – Imp.	BO		12.5		17.5	1.8	3					4	4	3	3	Some storm damage
Inca Gold	GO	15.0		16.0		4.5	5	5	2	3	3					Nice flowers
Inca Yellow	GO	14.0		18.0		4.0	4	5	2	4	3					
Lemon Yellow	DA	11.0	17.0	20.0	29.5	.8	4	4	2	4	2	5	5	4	4	Fine leaf, small flower, delicate looking
Little Hero Fire	BO	5.0	8.2	10.0	11.8	1.8	3	3	2	2	2	3	4	2	2	Attractive flower gold
Little Hero Flame	BO															
Little Hero Gold	BO		8.2		13.0	1.5	3					5	5	3	4	Compact, nice color
Little Hero Harmony	BO	5.0	9.2	8.0	11.0	1.8	3	2	3	2	2	4	5	3	4	Poor compact
Little Hero Mix	BO		9.0		9.0	1.5	3					3	3	3	3	
Little Hero Orange	BO		9.5		12.8	2.2	3					5	5	3	3	Many blossoms, dense
Little Hero Spry	BO		12.0		12.0	1.5	3					4	5	1	4	Good color many blossoms
Little Hero Yellow	BO	5.5	9.0	11.0	11.0	1.9	3	3	2	3	3	5	5	3	4	Color, compact blossoms
Safari Bolero	BO		12.5		16.0	2.2	3					3	3	3	2	Brownness
Safari Gold	BO		9.5		14.2	2.0	3					4	3	2	1	
Safari Mix	BO		10.5		16.2	2.2	2					5	4	2	3	
Safari Orange	BO		10.0		14.0	2.0	3					4	3	4	3	Unevenness
Safari Primrose	BO		12.5		18.0	2.0	2					4	3	2	2	Not many blooms
Safari Queen	BO		13.5		12.0	2.0	3					5	5	3	3	Green leaves, full bloom
Safari Red	BO															
Safari Scarlet Imp.	BO		14.4		17.5	2.0	3					5	5	3	3	Tall full plant flower
Safari Tangerine – Imp	BO	10.0	6.2	13.0	14.8	2.2	3	3	3	3	3	3	3	2	2	Very attractive flower, uneven
Safari Yellow	BO	10.0	14.0	13.0	15.0	2.2	5	4	3	3	3	5	4	5	4	Lots of blossoms, good color
Melampodium																
Derby	BE	24.0	11.5	26.0	13.2	.8	3	5	4	5	5	3	3	3	4	Excellent, very good plants, stunted
Million Gold	AT	12.0	16.0	16.0	21.5	1.0	4	4	3	4	4	5	5	5	5	Excellent, very good plants, ball shaped
Showstar	BE	24.0	21.0	26.0	26.5	1.0	3	5	4	5	5	4	5	4	5	Excellent, very good, lots flowers
Nicotiana																
Havana Mix	DA	20.0	15.0	22.0	17.5	1.9	3	5	5	4	5	2	2	3	3	Insect damage
Hummingbird Cherry Blossom	PA	14.5		19.0		1.8	4	5	5	5	5					
Hummingbird Lemon Lime	PA	21.0		29.0		1.8	5	5	5	5	5					Excellent, don't like color
Hummingbird Red	PA	17.0		20.0		2.0	3	5	5	5	5					
Hummingbird Rose Pink	PA	17.0		20.0		1.8	4	5	5	5	5					
Hummingbird White	PA	20.0		22.0		1.5	4	5	5	4	4					Excellent

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments	
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris					
								8/8		9/2		7/22		8/26			
								PL	FL	PL	FL	PL	FL	PL	FL		
Starship Burgundy	BO		12.0		11.2	15.0	3					1	1	3	3	Insect damage	
Starship Cherry Blossom	BO		13.5		18.5	1.2	3					2	3	3	3	Yellowness, not healthy	
Starship Mix	BO		9.5		14.5	1.2	3					1	2	3	3	Insect damage	
Starship Pink	BO		16.0		14.5	1.2	4					1	2	3	3	Insect damage	
Starship Red	BO		13.5		21.0	1.2	3					1	2	3	3	Insect damage	
Starship Rose Pink	BO		15.0		16.5	1.5	3					4	4	2	2	Nice	
Starship White	BO		12.5		9.5	1.2	3					1	2	3	3	Insect damage	
Ornamental Grass																	
Little Sea Oats	JS	19.0		23.0		3.2	5	4	2	4	3						Grass not showy
Ornamental Pepper																	
Jigsaw	JS	8.0		15.0		.8	2	3	2	3	3						Variable plants
Nippon Taka	JS	11.0		15.0		.5	3	4	3	5	4						Green, cayene fruit 2"
Pretty in Purple	JS	9.0		17.0		1.2	3	4	3	5	2						Red to lavender fruit, uneven color
Osteospermum																	
Passion Mix	AAS	14.0	14.0	21.0	16.2	2.4	4	5	3	5	4	4	4	4	3		Delicate flowers, nice plants variable
Pentas																	
New Look Pink	BE	11.0	9.0	10.0	11.0	2.0	4	4	2	4	4	2	4	5	4		Very nice
New Look Red	BE	8.0	6.0	12.0	8.0	2.2	3	3	3	5	3	3	3	3	3		Very nice
New Look Violette	BE	5.0	7.5	8.0	8.0	2.0	3	2	2	3	3	1	1	3	3		Very nice, almost dead
Pansy																	
Atlas Blue	BO		6.5		9.0	1.8	5					4	5	3	5		Very vivid
Atlas Orange	BO		7.8		11.0	2.0	2					3	3	3	3		
Atlas Rose	BO		6.8		10.5	1.5	2					3	4	1	3		Good color
Atlas Yellow	BO		6.0		12.0	1.5	2					3	4	2	3		Bright color
CB Supreme Lavendar	SK	9.0	8.5	11.0	13.0	1.8	3	3	5	5	5	4	3	4	5		Color variegated
CB Supreme Pink	SD	7.0	7.5	9.0	13.0	1.8	3	4	5	4	4	3	3	2	2		
Shades																	
CB Supreme Rose	SK	8.0	7.5	8.0	9.5	1.9	4	3	4	4	4	5	5	1	1		Lovely color
CB Supreme Scarlet	SK	8.0	6.5	6.0	7.5	2.0	2	3	4	3	4	5	5	1	2		Strange color, good flower
CB Supreme Sky Blue	SK	6.5	7.0	10.0	11.0	1.7	5	3	4	4	5	5	5	3	5		Bushy, lots of flowers
CB Supreme True Blue	SK	6.0	8.0	8.0	12.0	1.8	3	3	4	4	4	3	4	2	5		Dying
CB Supreme Yellow	SK	6.0	6.0	9.0	12.0	1.6	4	4	5	4	4	5	5	2	3		Great color, many flowers
CB Supreme White	SK	7.0	6.0	10.0	11.0	1.8	5	4	4	4	4	2	2	4	5		Very nice flower color, few flowers
Faces Red Bicolor	GR	7.0	7.8	9.0	9.0	1.9	4	4	4	4	4	3	4	3	3		Good color many blossoms
Glory Beaconsfield	BO		10.0		16.0	1.8	2					3	3	2	5		
Glory Orange	BO		6.5		12.0	1.8	3					5	5	3	3		Wonderful color
Glory Scarlet												4	4				Interesting blossom
Glory Sherbert	BO		7.2		14.5	1.2	2					3	4	1	2		Heavy blooms
Glory White	BO		7.5		10.5	1.8	5					3	4	3	5		Light green plant
Glory Yellow/Blotch	BO		6.8		11.5	1.8	4					5	5	3	4		Compact

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
Happy Face Blue	BO		8.5		12.0	1.5	2					3	3	2	5	Dying
Happy Face Red Imp	BO		7.8		10.0	1.8	3					4	4	3	3	Compact, many blooms
Happy Face Marina	BO		7.5		12.0	2.0	5					4	3	3	5	
Happy Face Yellow Imp.	BO		5.0		10.0	2.0	2					5	5	2	3	Bright, many blossoms
Maxim Supreme Blue	SK	5.0	5.5	11.0	8.0	1.8	3	3	4	4	4	3	5	3	5	Lots of flowers
Maxim Supreme Marina	SK	9.0	6.5	12.0	8.0	1.8	5	4	5	5	5	3	4	2	5	Dying
Maxim Supreme Red	SK	7.0	7.0	9.0	10.0	1.8	3	3	4	3	5	2	2	2	2	Pale blossoms, mixed colors, compact
Maxim Supreme Rose	SK	8.5	8.0	8.0	13.0	1.8	4	4	5	5	5	4	5	4	5	Nice, good color, many blossoms
Maxim Supreme Yellow	SK	8.0	7.8	9.0	10.0	1.8	4	4	5	4	5	5	5	5	5	Good color, many blossoms
Maxim Supreme White	SK	6.0	6.0	10.0	11.0	1.8	5	4	4	4	4	4	5	2	5	Lots of flowers
Petunia																
Bravo Blue Imp.	NO	12.0	14.2	26.0	28.0	3.0	4	4	3	5	4	3	3	5	5	
Bravo Carmine	NO	11.5		19.5		3.0	5	3	4	4	5					Very nice
Bravo Lavender	NO	13.0		25.0		3.3	4	5	5	5	5					Excellent
Bravo Pink Flame	NO		13.0		30.0	5.0	5					5	5	5	5	
Bravo White Imp.	NO	12.0		24.0		3.0	4	5	5	4	4					
Burgundy Madness	BA		18.0		32.5	3.0	4					4	4	5	4	Good flowers
Celebrity Blue	BO		14.0		24.0	2.5	5					5	5	4	4	Prolific blossoms
Celebrity Burgundy	BO		16.5		40.0	2.8	3					5	5	3	3	Many blossoms
Celebrity Carmine	BO	15.0		24.0		2.3	4	5	4	4	4					Very nice
Celebrity Chiffon Morn	AAS	12.0	15.0	29.0	36.0	2.5	5	5	5	5	4	5	5	5	5	Excellent, tall plants Many blossoms, healthy
Celebrity Lilac	BO		15.5		48.0	2.8	4					3	5	4	4	Full bloom
Celebrity Red	BO		13.0		16.0	2.2	5					4	4	3	3	Bright color
Celebrity Salmon	BO		12.8		26.0	2.5	5					5	5	5	5	
Celebrity White	BO		13.2		44.0	2.8	4					3	4	4	5	Prolific blossoms
Dreams Midnight	PA	12.0		26.0		2.8	5	5	5	5	4					Excellent, blue/black, very nice
Dreams Red	PA	10.0		20.0		2.0	4	4	3	4	3					
Eagle Blue	SK	10.0	9.0	20.0	26.0	2.8	5	4	5	4	4	5	5	4	5	Very nice, good foliage, nice color
Eagle Pink	SK		8.0		14.0	3.0	5					5	5	5	5	Great color
Eagle Red	SK	12.0		23.0		2.5	3	4	4	3	3					1 off type, very dark red, poor bloom
Eagle Salmon	SK		13.0		12.0	2.5	4					3	5	3	3	
Eagle White	SK	14.0		22.0		3.0	3	4	4	3	3					
Fantasy Blue	GO	8.0	12.0	14.0	13.0	1.5	3	3	3	4	4	4	4	4	4	Small plants
Fantasy Carmine	GO	10.0		18.0		1.8	3	3	4	4	4					Nice fantasy
Fantasy Crystal Red	GO	11.0		20.0		1.5	4	4	4	5	4					Nice
Fantasy Ivory	GO	7.0		12.0		1.3	4	4	5	3	3					
Fantasy Pink	GO		9.0		17.0	1.5	4					3	3	4	4	Yellow, uneven flowers
Fantasy Pink Morn	GO	8.0	8.0	19.0	18.5	1.6	4	4	3	3	3	5	5	5	5	Variable plants, dense
Fantasy Red	GO	10.0	11.0	13.0	17.5	1.5	4	4	4	3	3	5	5	4	3	1 off type, water spots on bloom, petite

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	FL	9/2	FL	7/22	FL	8/26	FL	
Flash Blue	NO	12.0		18.0		3.0	3	3	3	3	3					Small flowers
Flash Lavender	NO	15.0		28.0		3.0	4	4	4	4						Open habit
Flash Pink Centre	NO		11.5		24.5	3.0	3					4	5	3	3	Many blossoms
Flash Rose	NO		12.5		34.0	3.5	3					3	4	3	3	Pale
Flash Velvet	NO	11.0		24.0		2.0	4	5	4	4	4					Very large flowers
Freedom Blue	GR	8.0	16.0	38.0	36.0	2.0	5	5	5	5	5	5	5	5	5	Very nice, great
Hurrah Carmine	NO	13.0		20.0		2.0	4	5	5	4	4					Very nice, excellent
Hurrah Pink Flare	NO		16.0		38.0	2.8	5					5	5	5	5	Thick wonderful
Hurrah Salmon	NO		15.5		26.0	2.5	5					4	4	5	3	Colors on same plant different
Chiffon																
Kahuna Violet	NO	13.0	22.0	30.0	50.0	1.9	5	4	4	5	5	5	5	5	5	Very large plants
Madness Carmine	PA	14.0		27.0		2.5	3	5	4	4	4					
Madness Lilac	BA	15.0	14.8	30.0	42.0	2.5	5	5	4	4	4	5	5	4	5	Collapsed plants, many blossoms
Madness Midnight	PA	13.0		20.0		2.5	3	3	4	4	4					
Madness Red	PA	13.0		33.0		2.5	4	4	4	4	3					
Madness Royal	PA	13.0		28.0		2.3	5	4	4	5	5					Unique flower color, collapsed plants
Madness Summer	PA	10.0		14.0		2.0	3	3	4	3	3					Strawberry veined
Madness White	PA	15.0		32.0		2.5	4	4	5	5	5					Nicest white
Misty Lilac Wave	PA	14.0	14.2	45.0	72.0	2.4	5	5	5	5	5	5	5	5	5	Nice, pale color, plants vigor, lots flower
Orchid Madness	BA	12.0	24.5	20.0	70.0	2.9	5	5	4	4	5	5	5	5	5	Veined, very nice, excellent, lg. Blossoms
Pink Madness	BA		16.0		38.0	2.8	5					4	5	5	5	Good flowers
Pink Morn Storm	GO		15.8		20.8	3.5	4					5	5	4	5	Full
Pink Storm	GO		6.5		16.0	2.5	3					3	4	3	5	Excess water, good color
Primetime Blue	GO	17.0	19.2	26.0	42.0	3.3	5	4	5	5	5	5	5	5	5	Intense color
Primetime Carmine	GO	12.0		29.0		2.5	3	4	4	4	4					Nice flower variable plants
Primetime Lavender	GO	17.0	20.0	25.0	48.0	2.4	5	5	5	4	4	4	4	5	5	Darkest of lavenders, collapsed plants
Primetime Light Blue	GO	14.0		22.0		2.5	5	4	5	5	5					Nice
Primetime Mid Blue	GO	15.0		24.0		2.3	4	4	3	5	5					Collapsed plants
Primetime Morn	GO		19.5		22.0	2.0	5					5	5	5	5	Good color, many blossoms
Primetime Pink	GO		17.5		34.0	2.8	5					5	5	5	5	Nice showing
Primetime Scarlet	GO	11.0	11.8	37.0	19.8	2.3	5	5	5	5	5	4	4	3	3	Excellent, good size, many flowers
Primetime White	GO	18.0	19.0	26.0	30.0	2.3	5	5	5	5	5	4	5	5	5	Very nice, excellent bloom, very tall plts.
Prism Sunshine	AAS	14.0	18.0	26.0	24.0	3.0	4	4	5	4	4	4	4	5	3	Nice flowering, collapsed plants
Purple Wave	AAS	14.0	5.5	32.0	60.0	2.3	5	5	4	5	5	4	2	4	4	Nice, stunted
Red Madness	BA		13.5		25.0	2.8	4					3	3	5	5	
Rose Star Madness	BA		16.0		15.0	2.0	4					4	4	3	3	
Rose Wave	PA	9.0	9.5	32.0	60.0	2.1	5	5	4	5	5	5	5	5	5	Good color, dense ground cover
Salmon Storm	GO		12.0		28.0	2.8	5					3	4	4	5	
Trailblazer Violet	NO	12.0	20.0	23.0	48.0	1.9	5	4	3	4	4	5	5	5	5	Carpet like, very full
Ultra Blue	GO	11.0		22.0		3.0	3	4	3	4	4					
Ultra Burgundy	GO	12.0		20.0		3.0	3	3	4	3	4					Very dark burgundy, very nice flower
Ultra Lilac	GO	11.0		22.0		3.0	4	5	3	3	3					Open habit, very large flower
Ultra Pink	GO		14.0		24.0	3.0	5					5	5	5	5	Great color, many blooms
Ultra Red	GO	13.0	14.0	28.0	22.0	2.8	4	4	3	4	4	4	5	5	3	Great color, compact, lighter foliage

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
Ultra Rose	GO		15.0		30.0	3.0	4					3	4	4	3	Pale
Ultra Salmon	GO	13.0		34.0		2.8	4	4	4	4	4					
Ultra Scarlet	GO	14.0	15.7	32.0	19.2	3.0	4	5	4	4	4	3	3	3	3	Collapsed plants, small
Ultra Sky Blue	GO	13.0		24.0		2.5	4	5	4	4	3					
Ultra White	GO	16.0	12.5	33.0	38.0	3.3	3	5	4	3	3	3	4	3	3	Colored plants, large blossoms
White Madness	BA		14.5		36.0	2.8	3					3	5	3	4	Yellow full blooms
White Storm	GO	15.0	18.2	34.0	32.0	3.1	4	5	5	4	4	3	5	4	4	Excellent bloom, colored plants
Phlox																
21 st Century	PA	13.0		22.0		1.0	4	4	4	4	5					Very good, excellent
Plumed Celosia																
Pampas Plume	JS		32.5		26.0	5.0	4					4	3	4	4	
Poppy																
Brilliant Red	BU	15.0		20.0		1.8	4	5	1	4	1					Nice plants, little bloom
Summer Breeze	H	14.0	15.0	9.0	10.5	1.8	3	4	3	2	1	3	4	3	2	Nice, no bloom, many flowers
Portulaca																
Sundial Cream	BO		5.5		15.0	1.0	5					4	4	3	4	Good color in flower
Sundial Fuchsia	BO		7.0		14.0	1.5	4					5	5	4	4	Wonderful
Sundial Gold	BO		6.0		16.5	1.2	5					4	4	4	4	Good color
Sundial Mango	BO		5.5		13.0	.05	4					4	5	3	2	Excellent color
Sundial Mix	BO	7.0		24.0		1.0	4	5	5	4	3					Excellent
Sundial Orange	BO		6.5		14.0	1.0	5					4	4	4	5	
Sundial Peach	AAS	6.0	4.0	24.0	20.0		5	5	3	4	2	5	5	2	3	Compact flower, wonderful color
Sundial Pink	BO		7.0		14.0	1.8	4					3	4	2	2	Compact blossom
Sundial Scarlet	BO		6.5	14.0		1.2	4					2	3	3	4	Skimpier foliage
Sundial White	BO		4.0	14.0		1.2	4					4	4	2	3	
Sundial Yellow	BO		6.5	14.0		1.2	4					4	4	2	4	
Rudbeckia																
Indian Summer	AAS	27.0		27.0		5.0	4	5	2	5	5					Very nice
Rustic colors	JS	16.0	24.0	18.0	15.0	3.8	4	5	3	4	4	5	5	4	3	Foliage green, strong, good color
Sonora	BE	13.0	12.0	15.0	16.5	3.9	4	5	4	4	5	3	5	4	5	Very nice flower, excellent, brilliant
Toto	BE	9.0	11.8	14.0	12.0	2.3	3	4	4	4	5	3	4	3	4	Nice
Salvia																
Argent White	FL		22.0		22.2	3.5	4	5	2	4	4	4	3	5	5	Little brown
Burgundy Vista	PA	7.0		10.0		2.0	4	5	3	4	2					
Cover Girl	BE	8.0	13.8	11.0	18.0	4.4	4	4	2	4	2	2	3	4	4	
Empire Burgundy	PA	9.0		13.0		3.0	5	5	3	4	3					
Empire Lilac	BA	6.5	11.0	11.0	13.5	4.6	3	4	2	4	2	1	2	3	2	Damaged, faded flowers
Empire Purple	PA	8.5		11.0		3.0	4	5	3	4	3					
Empire Red	BA	8.0	15.5	12.0	15.0	6.5	3	5	3	3	3	3	4	4	3	Storm damage
Empire Rose	PA	10.0		15.0		5.0	4	3	2	2	2					
Empire Salmon	BA	7.0	14.0	13.0	17.5	4.3	3	5	4	3	3	1	1	4	3	Only 1 plant left
Empire White	PA	6.5		10.0		1.5	4	4	2	3	2					

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments	
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris					
								8/8	9/2	7/22	8/26	PL	FL	PL	FL		
Farinacea Signum	BO		18.2		17.2	5.8	4					4	5	4	5	Weak	
Fire-Star	BE	8.0	13.0	15.0	7.0	4.8	3	5	2	4	2	5	4	3	3	Foliage color good	
Lavender Vista	PA	7.5		10.0		3.0	3	4	2	3	2						
Purple Vista	PA	9.0	13.5	13.0	13.0	5.4	4	5	3	4	2	2	2	2	2	Storm damage -- ugly flower	
Red Hot Sally	BA	10.0	13.2	18.0	16.0	3.3	4	5	2	5	3	4	5	3	3	Best plant, storm damage, good color	
Red Vista	PA		12.0		9.5	2.5	2			4	3	1	1	2	2	Weak plant	
Reference	BE	18.0	26.0	16.0	20.0	6.0	4	5	2	5	5	5	5	5	5	Nice plant, good color	
Rhea Blue	FL	14.0	17.0	12.0	17.5	3.9	3	5	2	4	4	5	5	4	4	Good sturdy plant	
Salsa Burgundy	GO	7.0		10.0		3.0	4	3	2	4	2						
Salsa Light Purple	GO	14.0	--	16.0	--	4.0	4	5	4	4	3	1	1	--	--	Lodging faded color	
Salsa Purple	GO	8.0		10.0		4.0	4	4	3	3	2						
Salsa Rose	GO	8.0		9.0		2.0	4	4	2	4	1						
Salsa Salmon	GO	6.0		1.0		2.5	3	4	2	3	2						
Salsa Scarlet	GO	9.0	13.7	15.0	13.0	4.0	4	5	4	4	3	3	4	3	3	Best red in plants, poor branching	
Salsa Scarlet Bicolor	GO											5	2			Good foliage, dull color	
Salsa White	GO	7.0		9.0		5.0	4	3	2	3	2						
Silver	JS	18.0	21.0		19.0	4.1	3	5	3	3	3	5	4	4	4	Appears broken down, interesting color	
Strata	AAS	14.0	19.0	13.0	20.0	5.5	5	5	4	5	5	2	3	5	5	Different sizes	
Victoria Blue	FL	17.0	22.0	16.0	15.0	4.8	5	5	3	4	2	4	5	5	5	1 off type white rest blue	
White Vista	PA	9.0		15.0		2.0	5	5	2								
Snapdragon																	
Bells Mixture	GO	6.0		9.0		2.5	2	3	3	2	2						
Bronze Chimes	GO		9.8		6.0	1.5	2					1	1	2	2	Stunted plants	
Chimes Mixture	GO	5.0		6.0		3.0	2	3	3	2	1						
Crown Bronze	NO		14.2		14.5	8.0	4					5	5	4	3	Strong	
Crown Rose	NO	10.0	12.8	10.0	16.5	4.9	4	5	3	3	2	5	5	5	3	Early blooming	
Crown White	NO		10.0		9.0	7.0	4					2	2	3	3	Small	
La Bella Bronze	GO		20.2		18.0	4.0	5					4	3	5	3		
La Bella Lavender	GO																
La Bella Light Pink	GO	14.0	14.2	7.0	14.5	6.9	4	4	3	3	2	3	3	4	3		
La Bella Mixture	GO	16.0		14.0		6.0	3	4	3	4	4						
La Bella Pink	GO	12.0	12.0	12.0	14.0	9.5	4	5	4	4	3	5	5	5	5	Color, many blossoms	
La Bella Purple	GO		14.8		14.0	3.0	3					5	5	4	3	Many flowers	
La Bella Red	GO		18.0		12.0	8.0	4					5	5	5	5	Beautiful color, many blossoms	
La Bella Red & White	GO		16.0		12.0	8.0	5					4	5	5	5	Great flowers	
La Bella Yellow	GO		19.0		16.2	4.8	3					4	5	3	3	Wonderful flower	
Lavender Vista	PA		12.2		11.5	4.5	2					1	1	2	2		
Liberty Mixture	GO	18.0		8.0		7.0	5	5	4	4	3					Best snapdragon	
Lobelia White	GO											3	4				
Longshot Red & Yellow	GR		15.0		13.0	7.0	4					5	4	5	5	Good green foliage	
Montego Burgundy	NO		6.0		10.0	2.0	3					4	4	5	3	Few blooms, pretty color	
Purple & White Chimes	GO		9.0		9.0	4.0	3					5	3	3	3	Few blooming	

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
Red Chimes	GO		6.0		11.0	3.0	5					4	2	3	3	Few blooms
Royal Carpet Mix	AT	8.0		16.0		6.0	4	5	3	4	2					
Tahiti Pink	NO	6.0	9.0	12.0	16.0	3.8	5	4	3	4	2	5	5	5	4	Early bloomer
Statice																
Premium Carmine	GR		27.0		23.0	1.5	4					4	4	3	3	Redness on leaves
Tritoma																
Flamenco	AAS	24.0	26.0	23.0	22.0	3.5	3	3	1	3	2	2	2	3	2	No bloom, nothing outstanding
Stock																
Harmony Cherry Blossom	AT	8.0		4.0		1.0	2	2	3	2	3					
Harmony Light Rose	AT	10.0		6.0		1.5	3	2	3	2	3					
Harmony Purple	AT	12.0		7.0		1.3	3	3	3	3	4					
Verbascum																
Southern Charm	PA	27.0		21.0		13.0	5	5	2	5	3					Starting to flower, no blooms
Verbena																
Novalis Mix	BE	10.0		12.0		2.0	3	5	5	3	4					Excellent
Obsession Mix	NO	5.5		9.0		1.5	3	3	3	2	2					
Quartz Burgundy	AAS	7.0	12.0	8.0	12.5	2.1	4	4	2	3	2	5	5	5	5	Very nice color, great color,
Quartz Mix	PA	7.0		15.0		2.3	3	4	3	3	2					
Quartz Polka Dot Mix	PA	5.0		13.0		2.5	3	4	3	3	3					
Quartz Scarlet Imp.	PA		9.0		17.5	2.2	3					2	2	2	2	
Romance Apricot	NO		6.0		9.0	1.2	4					4	4	3	2	Great color, nice mass
Romance Pastel Mix	NO	5.0		14.0		2.0	3	4	3	3	2					
Romance Purple	NO		9.2		13.0	2.0	4					4	5	4	3	Good coverage
Sweet Dream White	JS		19.8		36.0	3.0						5	5	4	5	Thick, heavy wonderful
Vinca																
Cascade Apple Blossom	PA	7.0		10.0		1.5	4	4	2	4	3					
Heatwave Deep Rose	BO	8.0	14.5	10.0	14.0	1.6	5	4	2	4	4	5	5	5	5	Good color
Heatwave Grape	BO		11.0		15.0	1.5	5					3	3	5	5	
Heatwave Orchid	BO		12.5		15.0	2.0	5					2	3	5	5	Very small
Heatwave Peppermint	BO		10.2		12.5	1.8	5					4	4	5	5	Healthy
Heatwave Pink	BO		12.0		11.5	2.0	5					4	4	5	5	
Heatwave White	BO		12.0		14.0	1.5	5					3	3	4	5	
Heatwave White	BO		7.0		13.0	2.0	5					3	3	5	5	
Icy Pink Cooler	Park															
Peppermint Cooler	PA	9.0	14.5	13.0	16.5	1.5	5	5	2	5	4	5	5	5	5	Good strong plant
Raspberry Red Cooler	PA	9.0	16.0	12.0	15.0	1.7	5	4	2	4	4	5	5	5	5	Great color
Rose Cooler	PA	8.0	14.0	12.0	14.0	1.5	5	4	2	4	4	5	5	5	5	Beautiful foliage & flower color
Santa Fe	BO		8.5		11.5	1.8	5					5	2	4	4	Pale
Stardust Orchid	PA	7.0		11.0		1.8	3	3	2	4	4					
Stardust Pink	PA	7.0		11.0		1.5	4	4	2	4	4					Best vinca

Cultivar	Seed Source	Plant Height (inches)		Plant Spread (inches)		Flower Size (inches)	Plant Unif.	Plant & Flower Ratings								Comments
		Grand Rapids	Morris	Grand Rapids	Morris			Grand Rapids				Morris				
								8/8	9/2	7/22	8/26	PL	FL	PL	FL	
Viola																
Fama Blue Angel	BE	11.0	9.5	18.0	9.5	1.7	5	4	4	4	4	3	3	2	5	1 off type
Fama Violet	BE	8.0	6.0	11.0	9.0	1.8	5	4	4	4	4	5	4	3	5	Excellent color, bushy plant
Fama Zitrin	BE	8.0	8.0	9.0	11.0	1.7	3	4	5	5	5	4	4	2	3	Large blossom, good color
Splendid Blue & Yellow	SK	6.0	6.8	10.0	13.5	1.0	4	3	4	4	4	5	5	2	2	Nice
Splendid White	SK	6.0	7.0	9.0	10.0	1.0	5	4	4	3	3	4	5	2	5	Lots of flowers
Splendid Yellow	SK	8.0	6.0	12.0	15.0	1.0	4	4	5	4	4	5	5	4	4	Good
Wildflowers																
Midwest Native Mix	AP	18.0		24.0		2.5	2	4	2	4	3					Rough plants
Zinnia																
Blaupunkt-Mischung	BE	26.0	29.5	30.0	26.5	4.4	4	4	2	4	4	5	3	4	4	Large flowers, variable plants, very green
Bonita Red	JS	22.0	34.0	18.0	28.0	1.5	4	5	2	3	3	3	4	4	4	Poor flowers
Bonita Yellow	JS	24.0	30.0	22.0	15.0	1.4	3	4	2	3	3	5	4	2	4	Not showy, tall green foliage
Crystal White	AAS	10.0	14.2	15.0	19.5	1.3	3	3	3	3	3	4	4	4	4	Variable flowers, daisy flower, healthy
Dahliablutige Riesen	BE	24.0		27.0		3.5	3	5	3	4	4					Very nice flowers
Oklahoma - Formula Mix	BE	19.0	39.0	26.0	34.0	2.5	4	5	3		4	5	5	5	5	Nice foliage, nice color
Oklahoma Scharlach	BE	21.0	32.0	28.0	18.0	2.5	5	5	3	5	5	5	5	5	5	Very nice color mix, pretty
Persian Carpet	JS	20.0	26.0	29.0	18.0	1.3	4	4	2	4	4	5	5	4	5	Variable flowers, bushy lots of flowers
Peter Pan Cream	GO	10.0	10.0	14.0	13.0	3.0	2	3	3	4	4	2	2	1	3	Very small in both
Peter Pan Flame	GO	14.0	18.8	21.0	21.5	3.9	5	5	3	5	5	4	4	4	5	Nice
Peter Pan Gold	GO	11.0	11.2	19.0	17.5	3.3	5	5	3	5	5	4	4	5	4	Very nice
Peter Pan Mixture	GO	11.0	14.0	13.0	14.0	3.0	4	5	4	5	5	5	5	2	2	Nice mix, green foliage large heads
Peter Pan Orange	GO	11.0	14.2	16.0	19.8	3.8	3	5	3	4	4	3	3	3	4	
Peter Pan Pink	GO	12.0	11.0	15.0	10.0	3.3	3	4	3	4	4	3	3	1	1	Damaged foliage and blossoms
Peter Pan Princess	GO	10.0	13.0	13.0	16.0	2.7	5	4	3	4	4	5	4	3	3	Foliage green, many pale blossoms
Peter Pan Scarlet	GO	13.0	22.0	16.0	25.0	3.8	5	5	3	4	4	4	4	5	5	Nice
Peter Pan White	GO	13.0	16.0	18.0	20.0	3.3	4	4	3	4	4	5	4	4	3	Nice, bushy foliage, big flower
Profusion Cherry	SK	12.0	16.2	24.0	24.0	2.0	5	5	2	4	4	5	5	5	5	Not outstanding, super
Profusion Orange	SK	11.0	11.5	18.0	22.5	2.1	4	5	3	5	4	5	4	4	4	Very uniform
Scarlet Flame	BO		35.0		24.0	4.0	4					4	4	3	5	
Short Stuff Coral	GO	7.0	9.0	11.0	11.5	2.9	4	4	4	3	3	4	4	5	4	
Short Stuff Deep Red	GO	5.0	8.0	8.0	10.0	2.3	3	2	3	2	2	5	5	1	2	Poor, green foliage, compact, many blms.
Short Stuff Gold	GO	8.0	8.0	12.0	7.0	2.3	4	4	3	3	3	5	3	3	2	Green foliage, blossoms damage
Short Stuff Orange	GO	11.0	13.0	15.0	15.2	2.9	4	5	3	4	4	5	5	4	4	Nice compact, many flowers
Short Stuff Scarlet	GO	7.0	8.0	10.0	9.0	2.3	4	4	3	3	3	3	3	2	1	Poor quality, many blossoms, small
Short Stuff White	GO	8.0	10.0	15.5	13.0	3.0	2	4	3	4	3	2	3	1	3	More cream than white, shriveled plant
Star Orange	H	9.0	17.0	14.0	16.0	1.3	4	4	2	4	3	4	5	5	5	Daisy flower nice, sweet little thing
Star White	H	14.0	12.5	22.0	21.0	1.3	4	4	2	4	3	5	4	5	5	Daisy flowers, good foliage