

ANNUAL FLOWERS

1966 VARIETY TRIALS

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1966 Annual Flower Varietal Trials

The 1966 annual flower varietal trials and the testing of flower entries for the All-America Selections were conducted at the V.P.I. Trial Gardens on the Virginia Polytechnic Institute campus at Blacksburg. All of the seeds were sown during the first 2 weeks of March. The small seeded varieties sown in flats containing a commercially prepared media known as "Jiffy-Mix." The large seeded varieties were sown directly in 2 $\frac{1}{4}$ " peat pots containing a steam-sterilized media of equal parts soil and peat moss. After the seeds were sown, the containers were placed in a greenhouse at 70° F. under a low pressure, intermittent mist system, set to mist for intervals of 8 seconds per minute from 8 a.m. to 5 p.m. As the seeds germinated, the containers were removed to a 60° F. greenhouse. Seedlings of the small seeded varieties were transplanted to 2 $\frac{1}{4}$ " peat pots, containing equal parts soil and peat moss, after they developed the second set of true leaves. Seedlings of the large seeded varieties were rouged to allow only one plant per peat pot. On May 23, 1966, the plants were transplanted to beds fumigated with methyl bromide at the rate of 1 lb. per 100 sq. ft. to control weeds and diseases. The trial plot for each variety was 6' x 4 $\frac{1}{2}$ ', with 12 plants spaced at 1 $\frac{1}{2}$ ' intervals per plot. The beds were irrigated as needed during the growing season.

Preliminary evaluations were made during the growing season. The final evaluation was made between August 5 to 12, since this period was considered optimum as regards growth responses and esthetic characteristics for most varieties. The varieties were evaluated by measuring width and height, and by a rating system. Width and height measurements in the tables represent averages in inches. In some instances where the plants had grown together forming thick mats or carpets, the width was recorded as "massed."

The rating system was based on 1 to 5, with 1 a very poor rating and 5, excellent. Growth characteristics, disease resistance, flower color, size, number, and uniformity were evaluated to give an average rating for each variety. Uniformity of each plant size within a given varietal plot was evaluated since there was considerable variation in some varieties. In all instances, an attempt was made to compare the varieties in the gardens with similar varieties and types. Therefore, there may be other varieties not present here that would be better types than those represented. Seed sources are identified on page 18.

Suggested Annual Flowers for 1967

Flower trials have been conducted at the Trial Gardens maintained by the Department of Horticulture on the Virginia Polytechnic Institute campus at Blacksburg since 1961. These trials are of considerable value in maintaining and improving the quality of varieties available to the gardening public. Characteristics such as habit and uniformity of growth, trueness and uniformity of color, flower productivity, and general garden value are considered. Donors of seed each year check the performances of their own and other samples. Many home gardeners visit the plots to select varieties to grow the following year.

The following varieties were outstanding in growth responses for 1966.

AGERATUM. There was considerable improvement in uniformity in growth and flowering habit with Blue Blazer, Blue Jacket, and Blue Mink Imp. and Marketeer, all good blue varieties, and Snow Carpet, a good white variety.

ALYSSUM. Carpet of Snow and New Carpet of Snow provide a long period of white bloom with best performance in early summer and fall and a decrease in bloom in mid-summer.

ASTER. Dwarf Walderace was good. These plants are difficult to grow because of aster wilt or yellows and hot summer temperatures.

BALSAM. Peppermint was outstanding in vigorous growth and flowering throughout the summer until August when seed pods formed.

BEGONIA. More than 12 fibrous-rooted varieties were grown under full sun. Firelight and Linda were outstanding with uniform growth and high flower production.

CELOSIA. A number of available varieties were tested since this flower does well under hot weather conditions. Outstanding varieties are Forest Fire Imp., Golden Triumph, Special Formula Mixture, and Sunburst Gold.

CHRYSANTHEMUM. A dwarf shasta daisy, Silver Princess Imp., produced good foliage and many flowers.

COLEUS. Flaming Foliage, Master Blends Rainbow, Rainbow Master Blend, and Velvet Rainbow were the outstanding ones of the 13 varieties grown. All were vigorous growers and uniform in color. They showed little fading when grown in full sun.

COSMOS. Gold Crest and Sunset performed equally well and flowered throughout the summer.

DAHLIA. Dwarf varieties with small flowers over a long blooming period were Extra Dwarf Double Mixed and Unwin's Hybrid Dwarf, Mixed Colors.

HELIOTROPE. Blue Bonnet was a compact and uniform bedding plant with blue, scented flowers.

IMPATIENS. Ten varieties were tested under full sun. Bonfire, Dwarf Pink, Dwarf Rose, Firelight, Imp. Mixture, Liegnitzia, and Roselight were outstanding for their rapid growth and large flowers.

MARIGOLD. Many good varieties are available. Cavalier, Golden Jubilee, Lemondrop, Master Blend, Orange Flame, Orange Peony, and Spary showed the best growth and flowering. Golden Jubilee is a 1967 All-American Selection.

MORNING GLORY. Double Flowered Blue, Gentian Blue, Red Dawn, and Scarlett O'Hara all produced an abundance of large flowers on vigorous plants during August and September. All were grown on the ground, but would make excellent plants for trellises.

PANSY. Majestic, Giant White with Blotch, an All-American Award winner for 1966, was of good vigor and free blooming. The flowers were large and white with a large, dark blotch.

PETUNIA. There are the "number 1" bedding plant among all annuals because of their dependability, useability, long season of bloom, and wide range of color and forms. The F₁ grandifloras have larger, somewhat more attractive blooms, usually ruffled or fringed. The F₁ multifloras have smaller but earlier flowers and are profuse bloomers all season, especially during the hottest part of the summer. The F₁ multiflora doubles are more vigorous, rain- and wind-proof and better suited for bedding purposes than the other large-flowered kinds. The outstanding F₁ grandifloras were Bingo Imp., Blue Magic, Calypso, Capri, Flirt, Glacier, Lavender Lace, Lilac Time, Peach Blossom, Pink Cameo, Pink Cheeks, Pink Magic, Razzle Dazzle, Red Ensign, Red Magic, Sky Magic, Snow Magic, Sugar Daddy, Velvet Queen, White Ensign, White Magic, and White Sails.

The outstanding F₁ multiflora were Cleopatra Imp., Comanche, Cover Girl, Moonglow, Pink Profusion, Plum Dandy, Plum Pudding, Plum Purple, Purple Plum, Red Cap, Resista Pink, Resista Rose, Scarlet, Scarlet Satin, Snowdrift, Starfire, Sugar Blues, Sugar Pink, Sugar Plum, and White Dandy.

The double grandifloras Blue Bonnet, Boomershine, and Valentine were excellent vigor and bloom. The double Multifloras Bonanza Mixture, Cherry Tart, Delight Mixed, Honey Bunch, Pink Riches, and Red and White Delight were outstanding in plant vigor and bloom.

PHLOX. Dwarf Masterblend and Twinkles, red and salmon shades, were of dwarf growth, and bloomed profusely until mid-August.

SALVIA. Copper King and St. John's Fire were the 2 outstanding varieties tried, with vigorous, compact plants and a large quantity of bloom throughout the season. Other excellent varieties are Bonfire, Fireball Imp., Harbinger, and Red Pillar and/or Hot Jazz which appear identical.

SNAPDRAGON. Bright Butterflies, an All-American winner for 1966, is a formula mixture of separate hybrid colors or varieties in a new class of garden snapdragons. Instead of tubular-throated flowers with "snappers," these are open-faced, resembling bell flowers. The F₁ Floral Carpet Series, very low dwarf types, are excellent for bedding and are available in red, pink, rose, bronze, orchid, white and yellow. The rose form was an All-American winner for 1965. The Pinnacle, Rocket, and Summer-flowering series, available in a wide range of colors, were outstanding in the trials. Other outstanding varieties were Bright Bouquet, Carioca, Formula Mixed, Harris' Double Yellow, Pink Bouquet, Promendae Mixture, Rembrandt, and World's Fair Scarlet.

VINCA. Rosea is one of the best hot-weather bedding plants, having fine plant form and producing an abundance of flowers. Recommended varieties are Dwarf Little Bright Eyes, Little Bright Eyes, and Little Pinkies.

ZINNIA. Fifteen varieties were tried. Envy, a green flowered zinnia, was outstanding in dark green, vigorous growth. Other excellent varieties were Cherry Sundae, Kewpie Doll Mixture, Pink Buttons, Polynesian, and Thumbelina.

Thanks are extended to the many seed companies and the All-American Selections organization for the generous cooperation received in the Virginia Polytechnic Institute Trial Garden project.

AGERATUM

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Blue Blazer	NK, VA	11	7	2
Blue Danube	GL	17	9	2
Blue Jacket	BA	17	9	3
Blue Mink Imp.	GL	16	8	3
Marketeer	GL	14	10	3
Snow Carpet	GE	10	6	2
Violet Perfection	GL	13	9	2

ALYSSUM

Carpet of Snow	VA	17	5	4
New Carpet of Snow	GR	17	3	4

ANAGALLIS

Phillipsii	GL	21	11	4
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ASTER

Dwarf Waldersee	PK	8	7	4
Massagno	PK	15	17	2
Mystery Mixed	GE	10	16	3
Mystery Rosy Red	GE	12	20	2
Riviera Mixed	GL	15	14	3
Snow White	BU	13	10	3
Sonnenwende Mixed	GE	10	17	2
Sonnenwende White	GE	19	20	2

BALSAM

Color Parade	VA	6	6	1
Peppermint	NK	15	17	3
Tom Thumb Salmon Rose	SK	7	6	1

BEGONIA
(Semperflorens)

Bella	GL	6	4	3
Blandet	GL	8	5	3
Derby	BA, GE	7	5	3
Firelight	GL	10	8	4
Orania	GL	6	6	3
Linda	GL	8	4	4
Pink Pearl	VA	10	7	3
Rose Wonder	VA	7	6	3
Rosalia	GL	7	6	3
Scarlet #88	GL	3	4	2
Scarletta	BA, GL	7	5	3
Viva	GL	5	2	2

CALENDULA

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Orange Delight	GL	16	18	2

CARNATION

Dwarf Fragrance Mixed	NK	10	13	2
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CELOSIA

Coral Garden Kardinal Imp.	SK	11	13	3
Coral Garden Mixed Colors	SK	12	12	2
Coral Garden Rose Empress	SK	9	11	3
Fireglow	SK, FL	17	17	3
Forest Fire Imp.	SK	17	20	4
Golden Gem	SK	12	11	3
Golden Triumph	SK	22	25	4
Orange Feather	SK	13	11	3
Special Formula Mixture	GE, BO	33	37	4
Sunburst Gold	NK	13	12	4
Sunburst Red	NK	10	13	3

CENTRATHERUM

Manaos Beauty	PK	20	22	4
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CHRYSANTHEMUM

Dwarf Shasta Daisy				
Silver Princess Imp.	BO	16	12	4
Japonicum, Mixed Colors	SK	19	22	3
Royal Jewels	GL	9	9	2

CIRSIIUM JAPONICUM

Deep Rose	SK	20	29	4
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CLADANTHUS

Arabicus	GL	21	17	4
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CLEOME

Rose Queen	HA	17	46	3
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COLEUS

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Candidum	PA	7	6	2
Flaming Foliage	GR	20	17	4
Golden Rainbow	PA	5	4	2
Master Blends Rainbow	SK	14	12	4
Pastel Rainbow	PA	10	10	3
Pink Rainbow	PA	16	20	2
Rainbow Master Blend	VA	20	18	4
Red Rainbow	PA	13	8	2
Rose Rainbow	BA	13	8	2
Salmon Flame	GE, SK	18	15	3
Scarlet Rainbow	PA	15	15	3
Sunset Glory	SK	14	16	3
Velvet Rainbow	PA	17	16	4

COSMOS

Gold Crest	PK	18	15	3
Sunset	NK	20	18	3

DAHLIA

Extra Dwarf Double Mixed	VA	15	18	3
Fleck's Extra Dwarf Hybrids	FL	18	13	2
Unwin's Hybrid Dwarf Mixed Colors	SK	19	19	3

DELPHINIUM

Connecticut Yankee	GE	12	23	2
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DIANTHUS

Bravo	SK	11	10	3
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DIASCIA

Barberae	GL	18	13	4
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EUCHARIDIUM
(Clarkia)

Pinkie	GL	9	7	
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FLOWERING CABBAGE

Mixed Colors	SK	13	14	3
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FLOWERING KALE

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Mixed Colors	SK	11	10	3
<u>GAZANIA</u>				
Splendens Grand, Mixed	NK	13	6	3
<u>HELIOTROPE</u>				
Blue Bonnet	GE	17	20	4
<u>ICELAND POPPY</u>				
Champagne Bubbles Mixed	PK	6	16	3
<u>IMPATIENS</u>				
Blaze	SK	17	7	1
Bonfire	GL	28	15	3
Dwarf Orange	SK	23	10	2
Dwarf Pink	SK	23	8	3
Dwarf Rose	SK	25	14	3
Firelight	GL	16	12	3
Imp. Mixture	PK, VA	22	12	3
Liegnitzia #13-3-N	GL	17	13	3
Pink Pearl	GR	22	9	2
Roselight	GL	22	13	3
<u>LOBELIA</u>				
Fleck's Blue Stone	FL	20	9	4
<u>MARIGOLD</u>				
Cavalier	GL	16	11	4
Climax Mixed	NK	21	22	3
Diamond Jubilee	PK	19	18	3
Gold Coin Mixture	VA	24	30	3
Golden Jubilee	BA, BO	19	21	4
Lemondrop	GR	16	10	5
Master Blend	VA	20	10	5
Orange Flame	GE	17	10	4
Orange Peony	BU	11	21	4
Sparky	NK, VA	13	22	4
Spun Yellow	GL, VA	13	9	2
Yellow Nugget	BU	9	14	2

MORNING GLORY

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Double Flowered Blue	GE, SK	Massed	17	4
Gentian Blue	GE, SK	Massed	16	4
Red Dawn	GE, SK	Massed	16	4
Scarlett O'Hara	SK	Massed	8	4

NICOTIANA

Limelight	GL	18	29	5
Scarlet Queen	GL	19	22	4

PANSY

Clear Crystal Formula Mixed Colors	SK	15	7	3
Majestic Giants White with Blotch	SK	12	8	4
Masquerade	NK	15	6	3

PETUNIA
(Grandiflora)

Appleblossom	PA, VA	Massed	13	3
Ballerina	PA	Massed	13	3
Beacon	PA	Massed	15	3
Bingo Imp.	PA	Massed	19	4
Blue Jeans	PA, GL	Massed	18	3
Blue Lace	PA	Massed	16	3
Blue Magic	PA	Massed	13	4
Blue Mantle	SK	Massed	19	3
Bridesmaid	GE, GO, GL	Massed	22	3
Calypso	PA, VA	Massed	16	4
Candy Apple	GO, PK, VA	Massed	12	3
Capri	PA	Massed	20	4
Cavalier	PA	Massed	27	2
Color Parade	SK	Massed	14	3
Coral Cascade	PA, GL	Massed	14	3
Coral Magic	PA	Massed	14	3
Dream Parade	SK	Massed	15	2
Domino	HA	Massed	27	2
Experimental Salmon	BO	Massed	14	3
Fiesta	GL, GO, VA	Massed	17	3
Flirt	SK	Massed	14	4
Flordale Salmon	BU	Massed	14	2
Gay Paree	PK	Massed	10	
Gay Paris	GO, VA	Massed	9	3
Glacier	GO	Massed	17	4
Highlight	SK	Massed	17	3
Lavender Lace	PA	Massed	11	4

PETUNIA
(Grandiflora)

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Lilac Time	HA	Massed	18	4
Majestic Deep Rose #65-218	SK	Massed	19	3
Majestic Deep Salmon #65-205	SK	Massed	12	4
Majestic Rose	SK	Massed	18	4
Majestic Salmon #65-216	SK	Massed	15	4
Majestic Scarlet #65-194	SK	Massed	15	3
Majestic Scarlet #65-197	SK	Massed	17	3
Majestic Shell Pink #65-214	SK	Massed	15	3
Mariner	GO, PK, VA	Massed	18	3
Maytime	PA	Massed	22	2
Minstrel Imp.	SK	Massed	22	2
Miranda	GL	Massed		
Parti-Pink	BA	Massed	20	2
Peach Blossom	GL, PA	Massed	21	5
Pink Cameo	HA	Massed	17	5
Pink Cascade	PA	Massed	22	3
Pink Cheeks	PA	Massed	17	5
Pink Desire	VA	Massed	18	3
Pink Lace	PA	Massed	16	2
Pink Magic	PA	Massed	21	4
Pink Mascot	SK	Massed	22	3
Razzle Dazzle	GE, GL, VA	Massed	14	4
Red Cascade	PA	Massed	13	3
Red Ensign	SK	Massed	11	4
Red Magic	PA, GL	Massed	16	4
Rose Beauty	GL, SK	Massed	14	3
Rose Perfection	HA	Massed	15	3
Rose w/Clear Throat	SK	Massed	14	3
Sky Magic	PA	Massed	15	4
Snow Magic	PA	Massed	14	4
Spectrum	GE, GO	Massed	13	3
Spring Song Imp.	SK	Massed	15	3
Star Burst	GL	Massed	19	2
Starlight	GL	Massed	17	3
Sugar Daddy	PA	Massed	19	4
Sunburst	PA	Massed	18	3
Tango	PA	Massed	14	3
Touche'	BA	Massed	18	3
Velvet Queen	SK	Massed	16	4
White Cascade	PA	Massed	14	4
White Ensign	SK	Massed	14	4
White Giant	BA	Massed	22	3
White Magic	PA	Massed	13	4
White Sails	HA	Massed	21	4

PETUNIA
(Multiflora)

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Blue Lustre	GE	Massed	23	3
Cleopatra Imp.	SK	Massed	14	4
Comanche	PA	Massed	14	4
Cover Girl	HA	Massed	14	5
Experimental Light Blue	BO	Massed	11	4
Experimental Mid-Blue P-210	BO	Massed	18	4
Experimental Rose Star P-205	BO	Massed	15	3
Festival	HA	Massed	20	3
Fire Bird	SK	Massed	16	3
Kewpie	PA, GL	Massed	21	2
Meteor	PA	Massed	12	3
Moonglow	PA	Massed	18	4
Pink (New) 2125	SK	Massed	20	2
Pink Profusion	SK	Massed	21	4
Pink Satin	VA	Massed	17	3
Pinwheel	HA	Massed	18	4
Plum Pudding	GO, PK	Massed	19	4
Popii	HA	Massed	24	3
Plum Dandy	GE	Massed	18	4
Plum Pudding	PK	Massed	19	4
Plum Purple	GO	Massed	17	4
Purple Plum	PA, GL	Massed	21	4
Red Avalanche	HA	Massed	22	3
Red Cap	HA	Massed	14	4
Red Dandy	GE	Massed	14	3
Resisto Blue	GL	Massed	24	2
Resisto Bright Scarlet	GL	Massed	12	3
Resisto Pink	GL	Massed	16	4
Resisto Rose	GL	Massed	19	4
Rose #65-360	SK	Massed	12	4
Rose Star	PA, GL	Massed	14	3
Royal Ruby	HA	Massed	18	3
Salmon Pink (new)	SK	Massed	17	3
Salmon w/White Center #65-319	SK	Massed	16	4
Salmon w/White Center #65-319-A	SK	Massed	21	3
Scarlet	SK	Massed	13	4
Scarlet Satin	PK, VA	Massed	10	4
Snowdrift	HA	Massed	18	4
Starfire	GO, VA	Massed	12	4
Star Trophy	SK	Massed	13	3
Sugar Blues	PA, GL	Massed	12	4
Sugar Pink	PA	Massed	15	4
Sugar Plum	PA	Massed	20	5
Victory	HA	Massed	15	3
White (new)	SK	Massed	20	4
White Avalanche	HA	Massed	20	3
White Dandy	GE	Massed	17	4

PETUNIA
(Double Grandiflora)

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Blue Bonnet	PA	Massed	14	4
Blue Danube	GL	Massed	9	3
Boomershine	PK	Massed	11	4
Valentine	PA, GL	Massed	18	4

PETUNIA
(Double Multiflora)

Bonanza Mixture	PA	Massed	16	4
Cardinal	PA	Massed	12	3
Cherry Tart	PA	Massed	18	4
Delight Mixed	GO, VA	Massed	18	4
Honey Bunch	PA	Massed	12	4
Lavender Delight	GO	Massed	19	3
Peppermint	PA	Massed	20	3
Pink Delight	GO, GL, GE	Massed	18	3
Pink Riches	PA	Massed	16	4
Plum Double	PA	Massed	22	3
Red and White Delight	GO	Massed	16	4
Snowbird	PA	Massed	19	2
White Delight	GO, GL	Massed	20	3

PETUNIA
(All Double Victorious Strains)

Dorothy Favorite	SK	Massed	13	3
Salmon Delia	SK	Massed	14	3
White Swan	SK	Massed	21	3

PETUNIA

Fleck's Extra Dwarf Giants				
Bright Color Range	FL	Massed	14	3
Vaughan's All Double				
Dwarf Master Blend	VA	Massed	17	2

PHLOX

Dwarf Masterblend	VA	18	7	4
Twinkles, Red Shades	SK	11	7	4
Twinkles, Salmon Shades	SK, GE	14	9	4

PORTULACA

Double Mixed	SK, VA	22	8	4
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SALPIGLOSSIS

Splash	PK	9	15	died by late July
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SALVIA

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Bonfire	SK	17	24	3
Copper King	PK	17	17	4
Fireball Imp.	SK	17	18	3
Harbinger	SK	15	22	3
Little Giant Scarlet #117	GL	18	14	3
Pompei	VA	18	19	3
Red Pillar (Hot Jazz)	NK	17	15	3
Red Pillar	HA	15	17	2
Royal Purple	NK, GE	15	19	3
Scarlet Pygmy	GE	13	14	3
Sight Delight	PK	25	24	2
St. John's Fire	VA	22	17	4

SNAPDRAGON

Bellflower Snapdragons, All Colors	BU	12	18	3
Bright Bouquet	GL	14	15	4
Bright Butterflies	PK, GO, VA	15	31	5
Carioca, Formula Mixed	NK, VA	11	14	4
Floral Carpet, Bronze	SK	13	9	4
Floral Carpet, Formula Mixed Colors	SK, VA	14	6	4
Floral Carpet, Orchid	SK	16	10	4
Floral Carpet, Pink	SK	16	12	4
Floral Carpet, Red	SK	15	11	4
Floral Carpet, Rose	SK	16	12	4
Floral Carpet, White	SK	15	10	4
Floral Carpet, Yellow	SK	16	14	4
Frontier Strain, Mixed Colors	HA	17	27	4
Harris' Double Yellow	HA	17	28	4
Kneehigh Mixture	BA, PA	12	24	3
Little Duffer, Mixed Colors	HA	13	14	3
Pink Bouquet	GL	14	17	4
Pinnacle Orange	BA	13	25	4
Pinnacle Rose	BA	17	29	4
Pinnacle Scarlet	BA	17	24	4
Pinnacle Yellow	BA	17	23	5
Pinnacle White	BA	12	33	5
Promenade Mixture	BA	17	16	4
Redstone Rocket	PA	15	27	5
Rembrandt	GL	17	15	4
Rocket Bronze	PA	18	37	5
Rocket Mix	PA, VA	14	35	4
Rocket Orchid	PA	7	23	4

SNAPDRAGON

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Rocket Pink	PA	7	18	3
Rocket Rose	PA	10	25	4
Rocket White	PA	8	24	4
Rocket Yellow	PA	10	26	3
Summer-flowering, Carmine No. 233	SK	12	28	4
Summer-flowering, Crimson No. 223	SK	10	26	3
Summer-flowering, Deep Yellow, No. 230	SK	11	27	4
Summer-flowering, Finest Mixed Colors	GE, SK	9	24	4
Summer-flowering, Rose No. 227	SK	15	24	4
Summer-flowering, Salmon Rose #262	SK	11	34	4
Summer-flowering, White No. 221	SK	12	30	4
Topper	BU	9	27	3
World's Fair, New Pink	GR	14	31	3
World's Fair, Scarlet	GR	11	22	4

SWEET WILLIAM

Red Monarch	SK	14	12	3
Wee Willie, Deep Pink	PK	6	3	1
Wee Willie, Light Pink	PK	5	4	1
Wee Willie, Red & White	PK	9	4	1
Wee Willie, Scarlet Red	PK	13	9	3
Wee Willie, White	PK	13	9	3

THISTLE

Thistle Down	PK	14	26	3
Thistle Rose	SK	17	31	4

VERBENA

Bonariensis Cattleya	GL	45	30	5
Dwarf Master Blend	VA	Massed	12	4

VINCA

Coquette	NK	16	9	3
Dwarf Little Bright Eyes	SK	20	18	4
Little Bright Eyes	NK	18	13	4
Little Pinkie	SK	18	12	4

ZINNIA

<u>Variety</u>	<u>Seed Source</u>	<u>Width</u> <u>in.</u>	<u>Height</u> <u>in.</u>	<u>Rating</u>
Blaze	HE	20	17	3
Burpee's Whirligig Giant	BU	23	26	3
Canary Bird	HE	22	32	3
Cherry Sundae	NK	22	27	4
Envy	NK	21	30	5
Floradale Scarlet	HE	19	18	3
Kewpie Doll Mixture	GL	22	21	4
Miss Universe	GE	23	23	2
Pink Buttons	VA	18	17	4
Pink Lady	HE	31	28	2
Polynesian	NK	23	22	4
Riverside Beauty	HE	23	16	3
Sunny Boy Yellow	HE	26	22	3
Thumbelina	VA	13	10	4
Zenith Mixed	VA	29	18	3

Source of Seeds

- AAS - All-America Selections, P. O. Box 1341, 4331 N. Front Street,
Harrisburg, Pennsylvania 17105.
- BA - George J. Ball, Inc., West Chicago, Illinois 60185.
- BO - Bodger Seeds, Ltd., Box 390, El Monte, California 91734.
- BU - W. Atlee Burpee Co., Philadelphia, Pennsylvania 19132.
- FM - Ferry-Morse Seed Co., San Juan Bautista, California.
- FL - Raymond A. Fleck Company, Southampton, Pennsylvania.
- GE - Germania Seed Co., 6952 N. California Avenue, Chicago, Illinois 60645.
- GL - Fred C. Gloeckner & Co., Inc., 15 East 26th Street, New York, N. Y. 10010.
- GO - Goldsmith Seeds, Inc., P. O. Box 1347, Gilroy, California 95020.
- GR - H. G. German Seeds, 130 Bank Street, Smethport, Pennsylvania 16749.
- HA - Joseph Harris Co., Inc., Moreton Farm, Rochester, New York 14624.
- HE - Herbst Bros. Seedsmen, Inc., Box 96, 1000 N. Main Street, Brewster,
New York 10509.
- NK - Northrup, King & Co., 1500 Jackson Street, N.E., Minneapolis,
Minnesota 55413.
- PA - Pan-American Seed Co., Paonia, Colorado.
- PK - George W. Park Seed Co., Inc., Greenwood, South Carolina 29647.
- SK - T. Sakata & Co., 2, Kiribatake, Kanagawa-ku, P. O. Box Kanagawa
No. 11, Yokohama, Japan.
- VA - Vaughan's Seed Co., 5300 S. Katrine Avenue, Downers Grove, Illinois 60515.

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