

1963 VARIETY TRIALS
Annual Flowers

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1963 Annual Flower Varietal Trials

New varieties of garden annuals are being developed and introduced by agricultural experiment stations and commercial seed companies. Greenhouse operators, nurserymen, and bedding plant growers need information about growth habits, disease-resistance, and seasonal growth characteristics. Many growers never observe the growth habits of varieties they produce beyond the seeding stage, unless they visit a trial garden conducted by seed companies in other states. Because of variation in environmental conditions, growth in Virginia's climate could be considerably different. These variety trials offer the commercial grower opportunity to observe and compare several varieties from various sources during the growing season.

Variety trials were conducted at the Virginia Polytechnic Institute greenhouses. The seeds were sown during January and February in flats in a media of 1/3 soil, 1/3 peat, 1/3 perlite, and placed under a low-pressure, intermittent mist system that ran at intervals of 8 seconds per minute from 7:00 a.m. to 6:00 p.m. As seeds germinated, the flats were removed from under the mist into a 60°F greenhouse. The seedlings were transplanted to 2½ peat pots as soon as they developed the second set of true leaves. On May 24, 1963 the plants were put outside in beds that had been treated with methyl bromide to control weeds and diseases. The trial plot for each variety was a 6-foot square and there were 49 plants grown per plot, spaced at 1½-foot intervals. All plots were fertilized in May and June with 10-10-10 fertilizer at the rate of 20 lbs. per 1000 sq. ft. The varieties were evaluated from July 12 to 26 by measuring plant width and height and recording growth habits and botrytis susceptibility. This period was considered optimum, relative to growth responses and esthetic characteristics.

Climatological Data for Period of Observation at Trial Gardens in 1963 at Virginia Polytechnic In- stitute, Blacksburg, Virginia

| For Week Ending | Temperature | | | Precipitation in inches* |
|--------------------|-------------|------|------|-----------------------------|
| | Max. | Min. | Ave. | |
| May 24 | 78 | 36 | 58 | .31 |
| May 31 | 76 | 46 | 59 | .20 |
| June 7 | 80 | 45 | 65 | .88 |
| June 14 | 90 | 57 | 65 | .23 |
| June 21 | 81 | 50 | 66 | .35 |
| June 28 | 87 | 45 | 65 | .04 |
| July 5 | 89 | 45 | 73 | .51 |
| July 12 | 82 | 43 | 66 | .12 |
| July 19 | 89 | 48 | 71 | .94 |
| July 26 | 84 | 56 | 70 | 1.36 |

*Irrigation as needed.

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|---------------------------------------|--------|------|-------|-------------------------------------------------------|
| <u>AGERATUM</u> | | | | |
| Blue Beauty | GL | 8" | 13" | |
| Blue Delight #105 | GL | 11" | 15" | Good deep blue purple, height varies |
| Blue Island | GL | 11" | 18" | Growth varies |
| Blue Lake | GL | 12" | 17" | Growth varies |
| Blue Mink | BA BU | 10" | 16" | Height varies, slight fading of color |
| Blue Wonder | GL | 12" | 18" | Sporadic bloom cover, growth varies |
| Capri | GE | 11" | 17" | Height varies, good bloom mass, lavender blue |
| <u>ALLYSSUM</u> | | | | |
| Procumbens Carpet of Snow | BA | 5" | 13" | Good size and form |
| Compactum Rosie O'Day | BA | 4" | 8" | Poor growth, faded flowers, lavender rose carpet type |
| Compactum Royal Carpet | BA | 3" | 9" | Very low, uneven growth, violet |
| <u>AMARANTHUS (Summer Poinsettia)</u> | | | | |
| Fire King | GL | 31" | 25" | Growth varies, some brilliant fiery red at terminal |
| Melancholicus ruber | GL | 29" | 18" | Growth varies - good purple black |
| Quadricolor | GL | 21" | 12" | Growth varies, green and black purple foliage |
| Red | GL | 32" | 20" | Good deep purple red |
| Salicifolius | GL | 20" | 18" | Feathery fine texture foliage, deep purple |
| <u>ASTER</u> | | | | |
| Color Carpet | GE | 12" | 16" | White and rose mix - botrytis |
| Florist Mix | BA | 28" | 22" | Tall, loose, weak stems, large flowers |
| Gay Blades | GL | 17" | 22" | Quill like blooms - mix, open form |
| Mixed - Dwarf Queen | M | 12" | 12" | Various shades white-purple some botrytis |
| Rose bud | GL | 12" | 8" | Profuse bloomer, compact form, good color |
| <u>BALSAM</u> | | | | |
| Tom Thumb | M | 8" | 10" | Fade, botrytis, compact growth |
| <u>CALENDULA</u> | | | | |
| Crested Mixed | GL | 22" | 23" | More open, botrytis |
| Orange Coronet | BA | 16" | 22" | Even growth, botrytis |
| <u>CANDYTUFT</u> | | | | |
| Umb. Tetra Mixed | GL | 12" | 16" | Variations of pink-purple |
| Umb. Tetra Rose | GL | 12" | 10" | Fading |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|-------------------------------------|--------|------|-------|-------------------------------------------------------------|
| <u>CARNATION</u> | | | | |
| Baby Doll (Heddewigi Single) | H GE | 9" | 14" | Very profuse bloomer, good compact form |
| Chabaud Giant Improved | V | 17" | 14" | Fair stem, good fragrance |
| <u>CELOSIA</u> | | | | |
| Extra Dwarf Golden Gem - Plumosa | GE | 7" | 7" | Brilliant color, even growth & flowering |
| Fiery Feather (Plumosa) Dwarf | BA | 12" | 12" | Good deep red, full form-tight |
| Fiery Feather #88 | GL | 10" | 12" | Good form and bloom rich red |
| Fireglow (AAS) (Cristata) | GL | 9" | 13" | Vigorous, bloom hidden by foliage |
| Flame of Fire Improved (Globosa) | GL | 8" | 7" | Poor survival and growth |
| Forest Fire (Plumosa) | BA | 18" | 17" | Tall brilliant bronze red bloom, dark red purple foliage |
| Golden Torch (Plumosa) | GL | 9" | 10" | Deep brilliant golden orange, even growth |
| Jewel Box (Cristata) Extra Dwarf | V | 4" | 10" | Various colors, poor survival, growth varies |
| Rose Empress (Cristata) Dwarf | BA | 8" | 12" | Uniform color and form, large deep rose comb |
| Toreador (Cristata) | BA | 10" | 11" | Sparse survival, foliage hides blooms, bright red |
| <u>COLEUS</u> | | | | |
| Harlequin #105 | GL | 16" | 15" | Uneven growth |
| Mix #88 | GL | 14" | 18" | Good variety, uneven growth |
| Rainbow Mix | BA M | 12" | 15" | |
| <u>DAHLIA</u> | | | | |
| Dwarf Early Bird Mixed Color | H | 13" | 17" | Compact growth, profuse bloomer, some botrytis |
| Early Dwarf Mixed #60 | GL | 11" | 13" | Colorful varied mix, good growth, botrytis |
| Extra Dwarf Double Mixed | V | 14" | 20" | Compact growth, some botrytis |
| Mixture | M | 22" | 12" | Growth varies radically, double dwarfs |
| <u>GAZANIA</u> | | | | |
| Hybrid Fire Sprite | GL | 10" | 13" | Growth varies |
| <u>GODETIA</u> | | | | |
| Grandiflora Brilliant | GL | 9" | 16" | Good form, profuse blooms |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|--------------------------------------------|--------|------|-------|-------------------------------------------------------------------------------------------------------------------|
| <u>HELIANTHUS</u> | | | | |
| September Song | GL | 32" | 21" | |
| <u>IMPATIENS</u> | | | | |
| Crimson Sprite | GL | 11" | 18" | Fairly even growth |
| Dwarf Baby Mix | V M | 14" | 21" | Growth varies (height & width) |
| Dwarf Mix | BA | 10" | 20" | Vigorous, mixed colors |
| Fire Sprite | GL | 10" | 18" | Very uniform growth and form |
| Red Jewel | BA | 11" | 20" | Very vigorous, cherry red bloom |
| Salmon Jewel | BA | 13" | 21" | Very few blooms, clear salmon |
| <u>LOBELIA</u> | | | | |
| Blue Skies, Compacta | GL | 10" | 9" | Growth varies |
| Heavenly, Compacta | BA | 8" | 10" | Fairly even, compact, good large bloom coverage |
| (Tall) Violet Queen | GL | 21" | 12" | Good foliage, uneven growth |
| <u>MARIGOLD</u> | | | | |
| Brittany | GE | 10" | 15" | (Ex) Very deep mahogany red - yellow tip, uniform in color (dark) and form (compact), some botrytis (very little) |
| Brownie Scout | BU | 7" | 12" | Good uniformity, bright color, good for low borders |
| Toreador Climax | BU | 23" | 24" | Large deep orange, large blooms, some botrytis |
| Yellow Climax | BU | 26" | 22" | Huge blooms, uneven growth form semi open |
| Double Eagle | GL | 25" | 18" | Large blooms, very uniform in growth & form |
| Doubloom - F ₁ Hybrid American | GL | 24" | 23" | Uneven growth (height), very large yellow bloom, loose semi open form, some botrytis |
| Extra Dwarf Double | V | 6" | 13" | Low compact, color varies from light yellow to orange |
| Flame | BU | 13" | 18" | Very vigorous, compact, blooms on long pedicules, some botrytis |
| Gold Shades | GL | 18" | 17" | Very uniform in form & growth |
| Primrose Climax | BU | 24" | 21" | Uneven form, whitish yellow flowers, botrytis |
| Red and Gold | BU | 17" | 21" | Gorgeous color, some unevenness in color and bloom size |
| Sovereign - F ₁ Hybrid American | GL | 22" | 23" | Large blooms, rich gold yellow, open form, due to flopping of blooms |
| X 15 | FM | 25" | 22" | Large blooms, vigorous, semi open form |
| Yellowish Primrose | BU | 20" | 20" | Uneven growth, large pale yellow bloom, some botrytis |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT | |
|---------------------------------|--------|------|-------|-----------------------------------------------------------------|--------------------------------------------------|
| <u>MORNING GLORY</u> | | | | | |
| Blue Lustre | GL | 12" | --- | Very vigorous growth | |
| Double Blue Wonder | GL | 13" | --- | Very vigorous growth | |
| <u>PANSY</u> | | | | | |
| Swiss Master Blend | V | 9" | 10" | Long blooming - full now, even growth | |
| <u>PENTSTEMON</u> | | | | | |
| Sensation Mixture | BA | 12" | 12" | Very poor stand (5 living out of 25) | |
| <u>PEREWINKLE (Vinca Rosea)</u> | | | | | |
| Bright Eyes | BA | 11" | 15" | Excellent growth and form, white with red eye | |
| Coquette | BH | 10" | 12" | Growth not as uniform as form, rose pink | |
| <u>PETUNIAS</u> | | | | | |
| Red Cascade - Grandi | BA | 14" | 26" | Good spread, botrytis bad, large fiery red | |
| White Cascade - Grandi | BA | 16" | 23" | Good spread, height varies, botrytis bad | |
| Pink Cascade - Grandi | BA | 12" | 28" | Fair spread, botrytis bad, bright pink rose | |
| Paleface | BA | 11" | 25" | Good tight mass, botrytis bad, pure white | |
| Cavalier | BA | 20" | 24" | Very vigorous and massive, botrytis bad, salmon & white bicolor | |
| White Giant - Grandi | BA | 17" | 28" | Erratic growth, flops, botrytis bad, pure white | |
| Fandango - Grandi | BA | 18" | 23" | Sparse vegetative growth, deep blue and white variegated | |
| Blue Magic | BA | 18" | 19" | Very vigorous, deep blue | |
| White Magic - Grandi | BA | 18" | 22" | Vigorous, pure white, botrytis bad | |
| Sky Magic - Grandi | BA | 19" | 19" | Stunning blue, some botrytis | |
| Snow Magic - Grandi | BA | 15" | 19" | Even growth, botrytis bad, large flowered, white | |
| Pink Magic - Grandi | BA | 15" | 27" | Deep rich pink | |
| Capri - Grandi | BA | | | | |
| (Pan-American Seed) | BA | GL | 20" | 28" | Tall, flops, deep velvet blue |
| Pink Velvet | BA | | 20" | 26" | Excellent mass, even height & bloom, no botrytis |
| Honey Bunch (Double) - Multi | BA | 12" | 23" | Even growth, botrytis bad, sort of salmon | |
| All Double Mixture | BA | 12" | 26" | Large fancy double | |
| Happy Talk Mixed - Multi | FM | 10" | 27" | Sparse vegetatively | |
| Happy Talk Scarlet - Multi | FM | 12" | 20" | Sparse vegetatively | |
| Happy Talk Crimson Star - Multi | FM | 11" | 19" | Very sparse vegetatively, striking bloom | |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|------------------------------------------------|--------|------|-------|---------------------------------------------------------------|
| <u>PETUNIAS, cont.</u> | | | | |
| Happy Talk Violet - Multi | FM | 14" | 24" | Even growth - good mass |
| Happy Talk Deep Salmon - Multi | FM | 12" | 20" | Fair mass |
| Happy Talk White - Multi | FM | 13" | 21" | Very sparse vegetatively |
| Jetfire - Multi | H | 14" | 19" | Very even, mass good, botrytis bad |
| Pink Pearl - Grandi | H | 10" | 23" | Good rose pink, fair mass |
| Sundance - Multi | H | 14" | 25" | Mixed colors, excellent mass and evenness, clearsol |
| Blue Mist - Multi | H | 16" | 30" | Erratic growth, fair mass, silver blue |
| Royal Ruby - Multi | H | 15" | 20" | Even growth, good mass, deep carmine red |
| Gypsy Parade - Grandi | GE | 20" | 34" | Good mass, star pattern varies |
| Sky Magic - Grandi | GL | 20" | 28" | Sparse vegetatively, some botrytis, good sky blue |
| Salmon Magic - Grandi | GL | 10" | 15" | Fair form and spread, salmon pink |
| Red Wing - Grandi | H | 15" | 16" | Sparse vegetative growth, light orange scarlet |
| Grand Slam - Grandi | H | 14" | 21" | Vigorous spreading, deep crimson with white star |
| Pinwheel - Multi | H | 13" | 24" | Bloom pattern varies, red/white |
| Rose Elegance - Grandiflora | H | 14" | 22" | Bad botrytis, fair cover |
| Gypsy - Multi | H | 13" | 24" | Good mass, even, some botrytis, rosy salmon |
| Pink Bountiful - Multi | H | 16" | 21" | Good even growth mass, bad botrytis, light salmon pink |
| Aristocrat (Fringed White) - Grandi | V | 15" | 20" | Sparse vegetatively, bad botrytis, large flower |
| Star Master - Multiflora | V | 17" | 19" | Striking, even floral pattern, deep violet with white star |
| Pink Desire - Grandi | V | 10" | 17" | Low spreading - not full mass, some botrytis, ruffled pink |
| White Satin - Multiflora | V | 15" | 22" | Sparse mass, a little botrytis |
| Pink Satin - Multiflora | V | 15" | 23" | Good mass, some botrytis |
| Red Satin - Multiflora | V | 13" | 19" | Bad botrytis |
| Dawn Satin - Multiflora | V | 15" | 24" | Good pink - soft |
| Double Dwarf Master Blend | V | 16" | 12" | Poor vegetative growth, botrytis bad |
| Red Ensign - Grandi | V M | 16" | 16" | Bad botrytis, scarlet & red |
| Cal Dwarf Great Crimson #105 F ₁ | GL | 13" | 20" | Erratic growth, pattern varies, bad botrytis |
| Cal Great Rose Pink #105 | GL | 23" | 30" | Erratic sparse growth, bad botrytis |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|--------------------------------------------------|--------|------|-------|-------------------------------------------------------------|
| <u>PETUNIAS, cont.</u> | | | | |
| Cal Great Coppery Giant #105 | GL | 20" | 9" | Very sparse, bad botrytis |
| Hawaii - Grandi | M | 14" | 26" | Some botrytis, Giant salmon |
| Flirt | M | 12" | 17" | Striking clear color, sparse vegetatively |
| Cal Great Mixed #17 | GL | 11" | 17" | Very poor growth, bad botrytis |
| Scarlet Beauty - Grandi | GL | 18" | 26" | Worst botrytis yet, flops |
| Crimson Delight - Grandi | GL | 17" | 28" | Bad botrytis, erratic growth |
| Dandy - Multi | GE | 18" | 27" | Some botrytis, good even growth, small flower |
| Rosey Day - Grandi | GE | 16" | 19" | Bad botrytis, vigorous growth |
| Scarlet - Multi | GE | 20" | 24" | Bad botrytis, good growth |
| Blue Sky - Multi | GE | 21" | 26" | Tall, vigorous |
| Grand Prix - Grandi | GE | 16" | 23" | Horrible botrytis, erratic sparse growth |
| Scarlet Flame - Grandi | GE | 22" | 24" | Vigorous grower, bad botrytis |
| Pink Mascot - Grandi | GE | 23" | 22" | Tall, vigorous, good floral size & color |
| Rose Glow - Grandi | GE | 16" | 18" | Flops, vigorous growth, bad botrytis |
| Alaska - Grandi | M | 20" | 19" | Bad botrytis, stout vigorous growth, giant white |
| Pink cheeks - Grandi | GL | 20" | 29" | Striking blooms, some botrytis, pink edge, white throat |
| Mound pink | BU | 11" | 16" | Dwarf compact, some botrytis |
| Happy Talk - Multi | FM | 13" | 16" | Some botrytis, good deep rose pink, fair vegetatively |
| <u>PHLOX</u> | | | | |
| Drummond Dwarf Variety mixed | V | 8" | 16" | Good clear colors, growth varies |
| Radiant Mixture | M | 9" | 16" | Accented star centers, growth varies |
| <u>PORTULACA - MOSS ROSE</u> | | | | |
| Double Finest Mixed | V | 9" | 15" | Excellent even growth, profuse bloomer |
| <u>RUDBECKIA</u> | | | | |
| Dark Eyes | GL | 20" | 25" | Flower size varies, good growth and mass |
| Gold Flame | BA | 11" | 16" | Interesting and striking bloom, orange with brown center |
| Red Skin | GL | 24" | 26" | Large flowers |
| <u>SALVIA</u> | | | | |
| America - Splendens Blue Spire - Farinacea | BA | 14" | 14" | |
| | GL | 26" | 22" | Even growth, tall, striking, fine texture |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|-----------------------------------------------------|--------|------|-------|-----------------------------------------------------------|
| <u>SALVIA, cont.</u> | | | | |
| Pink Rouge - Splendens | BA | 18" | 17" | Fades - striking, very even growth |
| Red Pillar - Splendens | BA | 14" | 13" | Excellent red, very even, dark foliage |
| Royal Purple - Farinacea | BA | 20" | 17" | Even growth, deeper violet blue (purplish blue) |
| St. Johns Fire - Splendens | BA V | 15" | 10" | Red |
| (Splendid) Magic Fire - Splendens | GL | 9" | 8" | |
| <u>SNAPDRAGONS</u> | | | | |
| Frontier Strain - Mixed Colors | H | 23" | 14" | Strong stems, large spikes |
| Sprite Mixture | M | 17" | 15" | Compact small growth |
| Early Sunrise Mixed | V | 22" | 14" | Weak crooked stems, large spikes |
| Vaughans Special Mixture | V | 24" | 16" | Open form, shatters a lot |
| First Ladies Pink | FM | 24" | 13" | Fair stems, good color and size |
| First Ladies White | FM | 38" | 13" | Crooked stems, large heads |
| First Ladies Light Orange | FM | 23" | 14" | Gorgeous color, crooked stems |
| First Ladies Mixed | FM | 25" | 13" | Good strong stems |
| First Ladies Yellow | FM | 25" | 20" | Bushy, good color |
| First Ladies Crimson | FM | 18" | 15" | Bent over stems, good dark red |
| Floral Carpet Orchid Extra Dwarf | GE | 9" | 18" | Good compact global form, rich color |
| Floral Carpet Bronze Extra Dwarf | GE | 8" | 14" | Good compact global form, rich color |
| Floral Carpet Red Extra Dwarf | GE | 10" | 15" | Good compact global form |
| Floral Carpet Yellow Extra Dwarf | GE | 9" | 15" | Some pinks got in! |
| Floral Carpet Rose (AAS) | GL GE | 10" | 19" | Very even form and bloom |
| Floral Carpet Pink | GL GE | 10" | 14" | Good form and bloom, some of this got in with the yellows |
| F ₁ Hybrid Semi Dwarf Cherry Rose | GL | 23" | 19" | Good form |
| Semi Dwarf Brown Golden Yellow | GL | 25" | 23" | Nothing dwarf about plant, blooms small |
| United Sprites | GE | 26" | 16" | Uneven growth |
| Torch | BA | 28" | 20" | Weak stems - bent over |
| Rocket Mix | BA | 30" | 18" | Some strong stems, some very weak |
| Vacationland Mixture | BA | 29" | 20" | Variation in form & strength, good flower size |
| (Nanum) Tetra Glow Summer Flowering Mixed #17 | GL | 26" | 12" | Poor growth |
| | GL | 30" | 19" | Good mix, strong stems, good size spikes |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|-----------------------------------|--------|------|-------|----------------------------------------------------------------------------------|
| <u>VERBENA</u> | | | | |
| Beauty Blend - Compacta | GL | 9" | 28" | Good spreading growth, colorful |
| Coral Beauty - Compacta | GL | 9" | 11" | Some fading, even growth |
| Dwarf Candystripe | GL | 9" | 14" | Interesting redstriped flowers |
| Dwarf Upright Mixture | M | 8" | 14" | Mixed color, growth varies, colorful mix |
| Dwarf Variety Mixture | V | 10" | 24" | Forms a full mat or mass, good blooms and color |
| Ideal Florist Strain | BA | 12" | 24" | Fair spread, colorful mix, full color range |
| Torrid | BA | 10" | 22" | Standout red and white, very even growth |
| <u>ZINNIA</u> | | | | |
| Dwarf Gt Cactus Flowered Mixed | GL | 19" | 18" | Color and form of bloom varies, some botrytis |
| Thumbelina Mixed | V | 6" | 8" | Very compact and tight, color varies, would make interesting border |
| Red Buttons | GL | 9" | 14" | Striking deep red, growth form varies somewhat |
| Formula Mixture - Lilliput | BA | 22" | 19" | Even form, vigorous, mixed color of deeper shades |
| (Elegans) - Twinkle | GL | 21" | 23" | Even form and growth, vigorous, some variation in color, pink fades |
| State Fair Scarlet Shades | FM | 22" | 20" | Huge bloom, color varies, some botrytis, loose open form, foliage coarse texture |
| Fire Cracker | BU | 22" | 20" | Outstanding red - huge |
| Grand Canyon Mixed | GE | 22" | 15" | Growth and form, color varies, cactus flower very loose |
| Cactus Flowered Mixture | BA | 23" | 19" | Color varies, flowers huge, some botrytis, giant cactus |
| Gt Tetra Mix | GL | 23" | 19" | Very large flowers (6"), color varies, vigorous strong grower, semi open form |
| Border Beauties | GL | 19" | 16" | Tight uniform form, color varies |
| State Fair Mixed | FM | 20" | 20" | Large flowered, open form, strong stems, |
| Glowing Gold | BU | 20" | 24" | Large flowered, uneven growth, very open and weak (flops) |
| State Fair Rose and Salmon Shades | FM | 23" | 25" | Large flower, color varies, strong upright growth |
| State Fair Pink Shades | FM | 18" | 23" | Huge flowers, strong semi open form |
| State Fair Orange Shades | FM | 24" | 19" | Striking orange shades, growth varies |
| State Fair Yellow Shades | FM | 22" | 26" | Yellow fades, form semi-open, strong stems |
| State Fair Golden Yellow Shades | FM | 26" | 24" | Huge striking shades of yellow-orange, some botrytis, some weak stems |

| VARIETY | SOURCE | HGT. | WIDTH | COMMENT |
|------------------------------------------|--------|------|-------|--------------------------------------------------------------|
| <u>ZINNIA, cont.</u> | | | | |
| State Fair Lavender and Purple Shades | FM | 24" | 20" | Very large bloom, good color, slight fading, strong stems |
| State Fair Bright Scarlet | FM | 23" | 28" | Uneven growth, losse open form |
| Yellow | BU | 20" | 17" | Brilliant Yellow, flops, large flowers, come botrytis |
| Gold Medal Mix | BA | 22" | 18" | Semi-loose form, color varies, Dahlia-flowered |
| Apache Snow Flakes | GE | | | |

Seeds were provided by the following companies:

| | |
|----|---------------------------------------------------------------------------------|
| BA | George J. Ball, Inc. West Chicago, Illinois |
| BU | W. Atlee Burpee Company Philadelphia, Pennsylvania |
| FM | Ferry Morse Seed Company Box 100 Mountain View, California |
| GE | Germania Seed Company 6952 North California Avenue Chicago 45, Illinois |
| GL | Fred C. Gloeckner Company, Inc. 15 East 26th Street New York 10, New York |
| H | Joseph Harris Company, Inc. Moreton Farm Rochester 11, New York |
| M | Henry F. Michell Church Road King of Prussia, Pennsylvania |
| V | Vaughan's Seed Company 601 West Jackson Street Chicago 6, Illinois |

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