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Spec

NEW ANNUAL FLOWERS

1972 Annual Flower Varietal Trials

Charles J. Elstrodt, Extension Specialist, Ornamentals

Annual flower varietal trials for 1972 and the evaluation of flower entries for the All-American Selections were initiated this year at the Va. Truck and Ornamentals Research Station at Norfolk.

The small seeded varieties were sown March 14 and 15 in wood flats containing a commercially prepared medium known as "Jiffy-Mix". After sowing, the flats were placed in a greenhouse at 70°F under a low pressure intermittent mist system set to mist for intervals of 5 seconds per minute from 8 a.m. to 5 p.m. After seedlings developed the second set of true leaves, they were transplanted into 2½" peat pots containing "Jiffy-Mix".

The large seeded varieties were also sown on March 14 and 15 directly into 2½" peat pots containing "Jiffy-Mix", then stored dry until April 5, at which time they were moved into the greenhouse and watering was begun. As seeds germinated, seedlings were rogued to allow only one plant per pot.

Starting May 9, 1972, the plants were transplanted into newly established outdoor beds previously treated with 7.5 lb/A of DCPA (10 lb. of Dacthal 75 W/A).

Initial weed control obtained by this program was approximately 80%, although significant hand labor was required to care for the beds. Periodic spraying with Paraquat was done to edge the beds, and some flower injury was detected as a result of spray drift from the Paraquat.

The plot size for each variety was 6' x 5' with 18 plants spaced at 1½' intervals. The beds were irrigated after planting, although natural rainfall was nearly sufficient during this growing season.

Plant height, width, growth habits, and overall ability to withstand Tidewater conditions were recorded July 25-28. This period was considered optimum for growth responses and esthetic characteristics for most varieties. Height and width measurements in the tables represent averages in inches.

The rating system was based on a 1 to 5 scale, with 1 a very poor rating and 5, excellent.

Floriferous rating included: flower color, size, number, and uniformity. N/A means not applicable regarding plants grown for their attractive foliage, rather than flowers.

Growth habit included: growth characteristics, uniformity of size within a given varietal plot, and foliage appearance.

Overall rating was an objective evaluation attempting to combine all factors including floriferous, growth habit, and overall performance into one evaluation.

In all instances, the varieties evaluated were compared with similar varieties and types. Therefore, there may be varieties not listed here which would perform better than those represented.

Special thanks are extended to Dr. Paul L. Smeal, Extension Specialist, Floriculture and Nursery Production, VPI & SU for his assistance and guidance through the initial year of these trials at the Va. Truck and Ornamentals Research Station. Similar trials are being conducted by Dr. Smeal at Blacksburg, and a comparison of the performance of the same varieties at the two locations may be interesting.

Much credit for the attractiveness of the flowers this year must be given to Miss Jo Anne Donlan, a horticulture student at Virginia Tech, for her diligence throughout the summer in maintaining the gardens.

Suggested Annuals for 1973

The following varieties were outstanding in the Tidewater area for 1972:

AGERATUM. Blue Angel and Royal Blazer

ALYSSUM. Snowdrift

BEGONIA. Scarlet Flame

CAPSICUM. Black Prince and Variegata

CELOSIA. Crusader and Golden Torch

COLEUS. Chocolate w/pink center and Red Stem Candidum

CORAL FLOWER. Coral Flower

DIANTHUS. China Doll

DUSTY MILLER. Hoar Frost

GAZANIA. Splendens Grandiflora Mix

GERANIUM: Carefree Deep Salmon, Rose, Scarlet, and Sprinter
New Era Blush White, Bright Red, Light Salmon, and Medium Salmon

HELIANTHUS. Golden Glow

HELICHRYSUM. Dwarf Mix

MARIGOLD. Brocade Mix, Gypsy Dancer, Happy Face, Lulu, Paprika, Ruffled Red, and Yellow Brocade

MIRABILIS JALAPA. Jingles

PANSY. Golden Champion

PETUNIA. Grandiflora: Appleblossom, Ballerina, Dancing Lady, Fiesta, Glacier, Pink Snow, Prima Donna, Polynesia, Rose Perfection, Salmon Ensign, Scorpio, Snow Magic, Sugar Daddy, Warrior

Multiflora: Candy Plum, Comanche B, Coral Bells, Meteor Improved, Pink Bountiful, Plum Pink, Plum Pudding, Rose Joy Improved, Sugar Plum, Sundance, Wedding Day

Double Grandiflora: Circus

Double Multiflora: Blue Empress, Cherry Tart, White Delight

PHLOX. Nana Scarlet Beauty, Nana Violet Beauty

PORTULACA. Cream, Gold, Pink, Red, Yellow

PYRETHRUM. Parthenifolium aureum

RUDBECKIA. Dwarf Sun

SALVIA. Bonfire Elite, Catina, Fireball, Microphylla, Regal Spires

SANVITALIA. Procumbens

SNAPDRAGON. Bright Butterflies, Little Darling, Wedding Bells, Frontier Strain
Crimson, Flame, and Rose, Rocket Mixture

TAHOKA DAISY. Tahoka Daisy

TITHONIA. Torch

ZINNIA. Linearis, Linearis Orange, and Mini Salmon

Cooperative Extension Service

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<u>Variety</u>	<u>Height Inches</u>	<u>Width Inches</u>	<u>Flori- ferous</u>	<u>Growth Habit</u>	<u>Overall Rating</u>	<u>Seed Source</u>
<u>Achimenes</u>						
Valse Bleu	8	6	1	2	2	PK
<u>Acrolinium</u>						
New Double Giants	14	15	2	3	2	GE
<u>Agathaea</u>						
Coelestis	8	12	2	4	3	GE
<u>Ageratum</u>						
*Blue Angel	7	11	5	5	5	SK
Blue Bird	7	7	2	2	2	GR
Blue Heaven	7	12	4	3	3	HA
*Royal Blazer	7	11	4	4	4	GO
Summer Snow	6	10	3	2	3	FL, GO
<u>Alyssum</u>						
Oriental Night	3	11	4	3	3	GL
*Snowdrift #94	4	13	5	5	5	GL
<u>Amaranthus</u>						
Burgundy	10	10	4	2	3	GL
Early Splendor	32	8	-	4	4	GE
Multicolor Brilliant	30	10	-	2	2	GE
<u>Anchusa</u>						
Blue Angel	8	7	2	2	2	PK
<u>Arctotis</u>						
Hybrids, large flowered	15	19	2	4	3	FL
<u>Aster</u>						
*Color Carpet Mix	7	10	4	4	4	GE
King Branching Mix	15	15	3	3	3	BO

*Recommended Varieties

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<u>Aster cont'd</u>						
Milady Dark Blue	4	4	4	4	4	GL
Milady Rose	6	6	4	4	4	GL
Pepite Mixed	8	7	4	4	4	GL
Pink Lady	26	24	3	3	3	GE
Swansdown	14	14	4	4	4	HA
Totem Pole Mixed Colors	18	9	4	4	4	BU
<u>Balsam</u>						
Double Dwarf Bush flowering mix	13	8	3	3	3	GE
Dwarf Spotted Mixture	7	6	3	2	3	SK
Spotted Mixture	7	6	2	2	2	GL
<u>Begonia</u>						
Bridget						GE
Danica Red	10	8	4	4	4	PK
Danica Rose	11	10	4	4	4	PK
Danica Scarlet	10	11	4	5	4	GR
Pink Charm	8	11	5	4	4	SK
Red Diamond	5	6	4	4	4	GL
Rose Diamond	8	6	4	4	4	GL
*Scarlet Flame	7	8	5	5	5	GL
Stratos	10	9	3	4	3	GL
<u>Cabbage</u>						
Flowering Mix	14	12	-	5	5	GE
<u>Calceolaria</u>						
Sunshine	7	7	1	1	1	GL
<u>Calendula</u>						
Dwarf Double	11	14	3	3	3	BU
Orange Coronet	15	14	2	2	2	GE
Orange with Black Center	15	19	2	2	2	PK

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<u>Calliopsis</u>						
Dwarf Mix	8	10	4	4	4	GE
<u>Candy Tuft</u>						
Fairy Mixed	6	8	1	1	1	GE
<u>Capsicum</u>						
*Black Prince	12	14	N/A	5	5	SK
*Variegata	12	16	N/A	5	5	SK
<u>Carnation</u>						
Choice Mixed Colors #2	13	10	2	2	2	GL
<u>Celosia</u>						
*Crusader	11	13	5	5	5	SK
*Golden Torch	10	14	5	4	5	SK
Orange Feather	8	7	3	4	3	FL
Red Fox	13	12	4	4	4	SK
<u>Chrysanthemum</u>						
Autumn Glory Mixed Colors	10	15	4	4	4	SK
Fanfare	18	18	4	2	4	SK
Golden Dream	12	18	4	5	4	SK
Golden Gem	10	10	4	4	4	PK
<u>Clarkia</u>						
Elegans Double Mix	24	8	3	2	2	GE
<u>Cleome</u>						
Helen Campbell	38	22	3	3	3	HA
Rose Queen	40	24	4	3	4	HA
<u>Coleus</u>						
Atlas	11	12	N/A	4	4	SK
Bellevue Hybrids Mixed	16	13	N/A	4	4	GR

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<u>Coleus cont'd</u>						
*Chocolate with Pink Center	10	13	N/A	5	5	SK
Dwarf Red Shades Golden or White Lace	4	5	N/A	4	4	SK
Laciniated Leaved Mix	10	12	N/A	4	4	GR
Large Leaves Mixed	15	15	N/A	4	4	GE
Magic Lace Mixture	13	12	N/A	2	2	GL
Marbled Candidum	10	11	N/A	3	3	GR
Multicolor	10	10	N/A	3	3	PA
Old Rose	12	14	N/A	5	5	FL
Orange	12	13	N/A	4	4	PA
Pastel Rainbow	11	13	N/A	4	4	GR
Red Shades	13	13	N/A	4	4	PA
*Red Stem Candidum	11	11	N/A	4	4	GR
Rose	15	12	N/A	5	5	PA
Rose Red	10	11	N/A	4	4	GR
Salmon	10	8	N/A	2	2	GR
Tri Color	9	11	N/A	4	4	GR
Velvet Rainbow	8	10	N/A	4	4	GR
Dwarf Yellow	11	11	N/A	2	2	PA
	2	2	N/A	2	2	SK
<u>Coral Flower</u>						
*Coral Flower	15	12	2	4	3	GE
<u>Cosmos</u>						
Candy Stripe	21	20	2	2	2	SK
<u>Crape Myrtle</u>						
Annual Flowering Myrtlettes						SK PK
<u>Dianthus</u>						
*China Doll	6	7	4	4	4	GO
Single Gaiety #2	3	10	3	3	3	GL
Snowflake	3	5	2	1	2	GO
Queen of Hearts	10	10	3	4	3	GO
<u>Dimorphotheca</u>						
Aurantiaca Mix	10	18	2	3	3	GE
<u>Dusty Miller</u>						
*Hoar Frost	12	12	N/A	5	5	GE

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<u>Gazania</u>						
*Speendens, Grandiflora Mix	12	10	4	4	4	Ge
<u>Geraniums</u>						
Carefree Crimson	14	15	3	4	3	PA
*Carefree Deep Salmon	14	13	4	4	4	PA
Carefree Fickle Scarlet	13	14	4	3	3	PA
*Carefree Rose	12	15	4	4	4	PA
*Carefree Scarlet	14	16	4	4	4	PA
*Carefree Sprinter	12	13	4	4	4	PA
Carefree White Little Big Shots	14	15	1	4	2	PA
Mixed	10	11	3	4	4	PK
*New Era Blush White	14	14	4	4	4	HA
*New Era Bright Red	14	12	4	3	4	HA
*New Era Light Salmon	13	14	4	4	4	HA
*New Era Medium Salmon	13	12	4	4	4	HA
New Era Pastel Pink	11	14	3	4	3	HA
<u>Gilia</u>						
Coronopifolia	33	3	4	2	3	GE
<u>Godetia</u>						
Dwarf Double Mix	9	9	3	3	3	GE
<u>Helianthus</u>						
*Golden Glow	37	18	4	4	4	GL
<u>Helichrysum</u>						
*Dwarf Mix	15	12	4	4	4	GE
<u>Hunnemannia</u>						
Sunlite	12	8	3	3	3	GE

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<u>Impatiens</u>						
Burgundy	9	13	4	4	4	GR
Elfin Crimson	5	12	3	3	3	PA
Elfin Orange	4	8	3	2	2	PA
Elfin Orchid	6	11	4	3	3	PA
Elfin Pink	5	11	3	2	2	PA
Elfin Rose	6	14	3	3	3	PA
Elfin Salmon	8	11	3	4	3	PA
Elfin Scarlet	7	14	4	4	4	PA
Elfin White	10	14	4	4	4	PA
Flame	8	12	4	4	4	GR
Garnet	9	14	4	4	4	GR
Improved Formula Mix	6	15	3	3	3	FL
Red Knight	7	10	2	2	2	GL
Rubis	9	14	4	4	4	GR
Salmon Baby	9	11	2	2	2	GL
Scarlet	10	14	4	4	4	PK
<u>Kochia</u>						
Childsii						GE
<u>Leptosiphon</u>						
French Hybrids	7	5	3	1	2	GE
<u>Linaria</u>						
Fairy Bouquet Improved	14	14	1	3	2	GE
<u>Lobelia</u>						
Blue Stone	7	12	5	5	5	FL
White Lady	3	6	3	3	3	FL
<u>Marigold</u>						
*Brocade Mix	14	16	5	5	5	BO
*Gypsy Dancer	15	12	4	4	4	HA
*Happy Face	25	12	4	4	4	BO
*Lulu	10	14	3	4	4	GE
Man in the Moon	32	18	3	3	3	GE
Mission Giant Yellowstone	26	15	4	4	4	GE
Odorless Mixed Colors	24	15	4	4	4	BU
Orange Delight	10	10	3	4	3	GR
*Paprika	10	14	5	5	5	BO, GR
*Ruffled Red	13	12	4	4	4	GE
*Yellow Brocade	15	16	4	4	4	GR

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<u>Mesembryanthemum</u>						
Criniflorum	5	20	1	2	1	GE
Crystallinum	3	15	1	1	1	GE
<u>Mirabilis Jalapa</u>						
*Jingles	14	14	4	4	4	SK
<u>Nemesia</u>						
Dwarf Carnival Mix	10	8	3	2	2	GE
<u>Nicotiana</u>						
Daylight Mix	23	22	4	4	4	GE
<u>Nigella</u>						
Miss Jekyll	15	17	1	2	1	GE
<u>Pansy</u>						
*Golden Champion	7	9	5	5	5	GR
<u>Pentapetes</u>						
Phoenicea	22	10	2	4	3	PK
<u>Perilla</u>						
Nankinesis Crispa compacta	13	16	-	4	4	GE
<u>Petunia (grandiflora)</u>						
Ambassador	9	12	3	4	3	SK
Apollo	9	12	5	5	5	GO
*Apple Blossom	10	10	3	2	2	PA
Arcadia	9	9	4	2	3	SK
Astro	11	15	3	2	3	GO
*Ballerina	9	11	4	3	3	PA
Blue Grotto	12	15	4	3	3	HA
Blue Magic	12	13	3	2	2	PA
Bravo	10	10	2	1	1	GO
Bridesmaid	11	12	3	2	3	GO
Burgundy	12	12	3	2	3	GO
Calypso	11	12	3	2	3	PA
Candy Apple	9	14	4	3	3	GO
Chiffon Cascade	8	10	2	1	1	PA
Cloud Mixture	10	12	3	2	2	GO
Coral Cascade	10	12	3	2	2	PA
Coral Magic	9	12	3	1	2	PA

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<u>Petunia (grandiflora)</u>						
*Dancing Lady	12	14	4	3	4	PA
El Toro	9	14	3	2	2	PA
Fandango	14	16	3	3	3	PA
*Fiesta	13	15	4	3	3	GO
Flamboyant	14	15	4	3	3	PA
Gay Paris	15	15	3	3	3	GO
*Glacier	15	14	4	4	4	GO
Happiness	11	15	4	3	3	GO
Harvest Moon	14	21	4	2	3	GO
Imperator	9	24	3	2	3	SK
Mariner	10	18	4	3	3	GO
Matador	18	24	5	2	3	GO
Pink Paradise	11	24	3	3	3	HA
*Pink Snow	9	18	5	5	5	PA
*Prima Donna	12	16	5	4	4	PA
*Polynesia	14	15	4	4	4	GO
Razzle Dazzle	13	18	4	2	3	GO
Recoverer	9	10	3	1	2	SK
Red Cascade	12	12	3	2	2	PA
Red Cloud	9	8	2	1	1	GO
Red Magic	13	14	3	3	3	PA
Rose Cloud	17	18	4	2	3	GO
Rose Ensign	11	12	3	2	2	SK
Rose Magic	12	12	3	2	2	PA
*Rose Perfection	13	13	5	5	5	HA
Royal Cascade	11	12	2	1	2	PA, GL
Royal Velvet	11	12	3	2	2	HA
*Salmon Ensign	10	15	4	4	4	SK
Scarlet Magic	8	8	2	1	1	PA
*Scorpio	11	12	4	3	4	HA
Sky Cascade	17	18	4	3	3	PA
Sky Magic	17	17	3	3	3	PA
*Snow Crystal	12	13	4	3	4	GR
Snow Lady Improved	13	12	4	3	3	SK
Snow Magic	11	12	4	4	4	PA
Spectrum	12	12	3	2	3	GO
*Sugar Daddy	16	12	4	3	4	PA
Sunburst	12	15	4	3	4	PA
Super White	12	8	1	1	1	GO
Taurus	12	15	2	1	1	HA
Tickled Pink	10	13	3	1	2	HA
*Warrior	11	12	4	4	4	HA
White Cascade	10	7	4	2	2	PA
White Magic	12	13	3	2	2	PA
Zig Zag	14	12	3	2	3	HA
*Scarlet Ensign	10	11	3	2	2	SK

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<u>Petunia (multiflora)</u>						
Blue Lagoon	16	16	3	3	3	HA
Blue Mist	17	18	4	3	4	HA
Bo Peep	12	15	3	4	3	HA
*Candy Plum	13	15	5	5	5	HA
*Comanche B	12	15	4	4	4	PA
*Coral Bells	8	12	4	4	4	PA
Joy Mixture	10	15	3	3	3	GO
Mauna Loa	9	12	3	2	3	SK
Maxi	15	15	4	3	3	PK
*Meteor Improved	12	15	4	4	4	PA
Orange Bells	12	15	3	3	3	PA
Pale Face	11	13	3	3	3	PA
*Pink Bountiful	14	15	4	4	4	HA
Pink Cheer	16	13	4	3	3	HA
Pink Joy	11	13	3	3	3	GO
Plum Blue Improved	13	15	4	3	3	GO
*Plum Pink	13	15	3	4	4	GO
Plum Purple	13	16	3	3	3	GO
*Plum Pudding	14	17	4	4	4	GO
Purple Joy	13	16	3	3	3	GO
Red E	11	13	3	2	3	BO
Red Joy Improved	11	12	3	2	3	GO
Red Pepper	13	13	3	3	3	HA
*Rose Joy Improved	12	12	4	4	4	GO
Royal Ruby	12	12	3	2	2	HA
Salmon Coronet	17	16	4	3	4	SK
Snowdrift	14	16	3	3	3	HA
Starfire	15	13	3	3	3	GO
Star Joy	13	13	3	3	3	GO
*Sugar Plum	13	14	5	5	5	PA
*Sundance	12	15	5	5	5	HA
Victory	13	15	3	3	3	HA
*Wedding Day	12	12	4	4	4	SK
White Joy	14	15	4	3	4	GO
<u>Petunia (double grandiflora)</u>						
Blue Danube	12	14	4	4	4	PA
Bridal Bouquet	10	12	3	3	3	GO
*Circus	13	14	5	5	5	GO
Duet	15	11	4	3	3	PA
Orchid Bouquet	13	15	2	3	2	GO
Fanfare	17	18	3	2	2	GO
Sonata	13	11	2	2	2	PA
Valentine	10	8	2	2	2	PA
Salmon Bouquet	11	14	3	2	2	GO

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<u>Petunia</u> (double multiflora)						
*Blue Empress	12	17	5	4	5	SK
*Cherry Tart	16	24	5	5	5	PA
Delight Mix	15	15	4	3	4	GO
Empress Formula, Mixed Colors	12	17	4	4	4	SK
Lavender Delight	12	18	4	3	4	GO
Peach Tart	13	13	4	4	4	PA
Pink Delight	15	21	4	4	4	GO
Red and White Delight	12	15	4	4	4	GO
Salmon Delight	11	17	4	4	4	GO
Scarlet Empress	13	17	4	3	3	SK
Snowberry Tart	14	13	3	3	3	PA
*White Delight	14	14	5	4	5	GO
<u>Petunia</u> (all double giants)						
Duchesse	14	16	4	4	4	GR
Flounce	10	12	3	2	2	SK
<u>Phlox</u>						
Early Dwarf Springtime	6	6	3	2	3	GR
Nana Beauty Mixed	8	10	4	3	3	GL
Nana Pink Beauty	8	8	4	3	3	GL
Nana Salmon Beauty	9	10	4	3	3	GL
*Nana Scarlet Beauty	7	9	4	4	4	GL
*Nana Violet Beauty	8	10	5	5	5	GL
Red Giant	11	11	3	2	2	GL
<u>Portulaca</u>						
*Cream	6	16	4	4	4	PK
*Gold	6	15	5	5	5	PK
Mixed	6	15	5	5	5	PK
*Pink	5	18	5	5	5	PK
*Red	5	14	4	4	4	PK
White	5	16	5	5	5	PK
*Yellow	7	15	5	5	5	PK
<u>Pyrethrum</u>						
*Parthenifolium aureum	11	17	5	5	5	GE
<u>Rudbeckia</u>						
*Dwarf Sun	21	19	5	5	5	GE

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<u>Salpiglossis</u>						
Emperor Mix	24	12	1	2	1	GE
<u>Salvia</u>						
Baltzer's Whitell	11	2	2	2	2	GE
Blaze of Fire	10	9	3	3	3	GL
*Bonfire Elite	21	19	5	5	5	HA
*Cafima	18	18	5	5	5	GL
Delight #94	16	15	3	3	3	GL
*Fireball	19	14	5	4	4	FL
Hot Jazz	10	8	3	2	3	GL
*Microphylla	13	9	4	5	5	GE
*Regal Spires	18	12	4	4	4	HA
Snowkist	15	13	3	3	3	SK
Snow Tip	13	14	3	3	3	GE
<u>Sanvitlia</u>						
*Procumbens	6	22	5	5	5	GE
<u>Schizanthus</u>						
Angel wings	12	10	2	2	2	GE
<u>Snapdragon</u>						
Bronze Rocket	13	9	2	2	2	PA
Golden Rocket	25	10	3	3	3	PA
White Rocket	26	10	3	3	3	PA
*Bright Butterflies	21	16	4	3	4	GO
Crimson Supreme	20	10	4	3	3	BU
*Little Darling	10	12	4	4	4	GO
Madame Butterfly	10	12	3	3	3	GO
Mixed Colors	23	16	3	2	2	HA
Spring Giant	22	16	3	2	2	GO
Torch	13	7	2	2	2	BU
*Wedding Bells	25	18	4	4	4	BU
*Frontier Strain, Crimson	23	10	4	4	4	HA
Frontier Strain, Dainty Orchid	13	12	3	3	3	HA
*Frontier Strain, Flame	13	10	4	4	4	HA
Frontier Strain, Mixed Colors	24	11	3	2	2	HA
Frontier Strain, Orange	21	13	3	2	2	HA
*Frontier Strain, Rose	19	9	4	4	4	HA
Frontier Strain, White	24	8	3	3	3	HA
Frontier Strain, Yellow	24	10	3	4	3	HA

<u>Variety</u>	<u>Height Inches</u>	<u>Width Inches</u>	<u>Flori- ferous</u>	<u>Growth Habit</u>	<u>Overall Rating</u>	<u>Seed Source</u>
Snapdragon (cont)						
Promenade Bronze	12	13	3	3	3	PA
Promenade White	15	13	3	4	3	PA
Promenade Yellow	14	14	3	4	3	PA
*Rocket Mixture	22	16	4	3	4	PA
<u>Stocks</u>						
Early Cascade Mix	20	13	2	3	3	GE
<u>Tahoka Daisy</u>						
*Tahoka Daisy	15	14	4	4	4	GE
<u>Tithonia</u>						
*Torch	33	26	5	3	4	GE
<u>Verbena</u>						
Germania Dwarf Mix	9	10	4	3	3	GE
Benosa	10	14	4	3	3	GE
<u>Zinnia</u>						
Border Beauties #88						GL
Carved Ivory	26	16	3	2	3	BO
Cupid Mix	21	16	4	2	3	GE
Fantasy Mix	33	23	3	3	3	GE
*Linearis	15	15	5	5	5	GE
*Linearis, Orange	13	14	5	5	5	BO
*Mini Salmon	4	8	5	5	5	BO
Scarlet	13	14	4	2	3	BO
Peter Pan Mixture	14	15	3	1	2	BO
Peter Pan Scarlet	10	17	5	3	4	GL
Tom Thumb Mix	17	17	4	2	3	GE

A.A.S. DEMONSTRATION

<u>A.A.S. 1971 Winners</u>	<u>Height Inches</u>	<u>Width Inches</u>	<u>Flori- ferous</u>	<u>Growth Habit</u>	<u>Overall Rating</u>
Hibiscus, Southern Belle	38	20	4	4	4
*Hollyhock, Silver Puffs	26	10	5	4	5
Snapdragon, Little Darling	7	6	3	3	3
Zinnia, Peter Pan Pink	13	10	3	2	2
Zinnia, Peter Pan Plum	16	13	4	4	4
 <u>A.A.S. 1972 Winners</u>					
Dianthus, Queen of Hearts	9	10	5	4	4
Hollyhock, Summer Carnival	18	15	2	2	2
*Marigold, Gold Galore	20	13	5	5	5
*Petunia, Circus	11	15	5	5	5
 <u>A.A.S. 1973 Winners</u>					
Marigold, Happy Face	28	11	4	4	4
*Zinnia, Peter Pan Scarlet	12	13	5	5	5

1972 A.A.S. FLOWER ENTRIES

		<u>Height Inches</u>	<u>Width Inches</u>	<u>Flori- Ferous</u>	<u>Growth Habit</u>	<u>Overall Rating</u>
72f01	Pansy	10	7	3	2	2
72f01C	Pansy, Swiss Giant Orange	10	12	3	3	3
72f02	Pansy	8	7	3	3	3
72f02C	Pansy, Swiss Giant Detete Blue	7	11	4	2	3
72f03	Geranium	15	8	3	3	3
72f03C	Geranium, Carefree Deep Salmon	14	11	4	4	4
72f04	Geranium	12	10	4	4	4
72f04C1	Geranium, New Era	14	8	4	4	4
72f04C2	Geranium, Carefree Fickle Scarlet	22	14	4	3	3
72f05	Geranium	14	11	4	5	4
72f05C	Geranium, Carefree Scarlet	15	10	4	4	4
72f06	Nicotiana	22	13	3	3	3
*72f06C	Nicotiana, Crimson Bedder	32	15	5	5	5
72f07	Nicotiana	20	16	4	5	4
*72f07C	Nicotiana, White Bedder	33	12	5	5	5
72f08C	Nicotiana, Sessation Hybrids	30	15	3	4	3
72f10	Cosmos	21	18	4	1	3
72f10C	Cosmos, Sunset	34	23	3	2	3
72f11	Salvia	13	8	3	2	2
72f11C	Salvia, Sight Delight	11	9	4	1	3
72f12	Snapdragon	6	7	2	2	2
72f15	Centaurea	14	7	4	2	3
72f15C	Centaurea, Polka Dot	14	10	3	1	2
72f16	Morning Glory	N/A	N/A	3	3	3
72f16C	Morning Glory, Early Call Rose	N/A	N/A	5	3	3
72f17	Marigold	20	13	3	4	3
*72f17C	Marigold, Petite Orange	11	13	5	5	5
72f18	Marigold	11	11	4	3	3
72f18C	Marigold, Picador	14	11	3	4	3
72f19	Marigold	14	13	3	3	3
72f19C	Marigold, Gypsy Dancer	14	12	4	3	3
72f21	Marigold	12	12	5	4	4
72f21C	Marigold, Fiesta	15	15	3	4	3

72f22	Mrrigold	14	15	4	3	4
72f22C	Marigold, Yellow Nugget	10	8	3	2	3
72f23	Marigold	13	13	4	4	4
72f23C	Marigold, Red Glow	10	10	4	3	3
72f24	Marigold	11	10	3	2	2
72f24C	Marigold, Apollo	13	11	3	4	3
72f25	Marigold	12	10	4	3	3
72f25C	Marigold, Golden Age	15	10	3	2	3
72f26	Marigold	27	23	3	5	3
*72f26C	Marigold, Hawaii	35	17	5	5	5
72f27	Marigold	10	11	3	2	2
72f27C	Marigold, Moonshot	15	11	4	4	4
72f28	Marigold	10	10	4	2	3
72f28C	Marigold, Crackerjack	22	13	3	4	4
72f29	Marigold					
72f29C	Marigold, Dolly					
72f31	Dahlia	8	7	3	4	3
72f31C1	Dahlia, Early Bird	11	12	3	2	2
72f31C2	Dahlia, Fall Festival	19	10	2	3	3
72f32	Dahlia	8	9	2	1	2
72f32C1	Dahlia, Mignon Mixed	7	8	3	1	2
72f32C2	Dahlia, Early Bird	10	13	2	1	2
72f33	Dahlia	11	10	2	2	2
72f33C	Dahlia, Orange Coronet	12	7	2	1	1
*72f34	Zinnia	13	14	5	5	5
72f34C	Zinnia, Peter Pan Pink	14	11	3	3	3
*72f35	Zinnia	12	12	5	5	5
72f36	Zinnia	15	15	4	5	4
72f37	Morning Glory	7	10	3	2	2
72f37C	Morning Glory, Royal Ensign	9	12	4	3	3
72f38	Nasturtium	6	11	3	3	3
72f38C	Nasturtium, Scarlet Jewel	8	11	3	3	3

Source of Seeds

- AAS - All-American Selections, P.O. Box E, Kingston, Rhode Island 02831
- BO - Bodger Seeds, Ltd., Box 390, El Monte, California 91734
- BU - W. Atlee Burpee Co., Philadelphia, Pennsylvania 19132
- FL - Raymond A. Fleck, Inc., Southampton, Pennsylvania 18966
- GE - Germania Seed Co., 5952 North Milwaukee Ave., Chicago, Ill. 60646
- GL - Fred C. Gloekner and Co., Inc. 15 E. 26th St., New York, N.Y. 10010
- GO - Goldsmith Seeds, Inc. P.O. Box 1347, Gilroy, California 95020
- HA - Joseph Harris Co., Inc. Moreton Farm, Rochester, N.Y. 14624
- PA - Pan-American Seed Co., P.O. Box 438, West Chicago, Ill. 60185
- PK - Geo. W. Park Seed Co., Greenwood, S.C. 29647
- SK - T. Sakata & Co., 2 Kiribatake, Kanagawa-Ku, P.O. Box Kanagawa, No. 11, Yokohama, Japan

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