

1994 ASCFG National Cut Flower Trials

The ASCFG National Cut Flower Trials were conducted by 38 growers and universities around the country. Seed were donated from several breeders and distributors. Evaluations were made by the growers themselves and included approximate yield, length, market appeal, ease of cultivation, chance that the crop would be grown again the next year and comments. Twenty eight evaluations were returned to John Dole, Oklahoma State University for final compilation.

Trial Seed Suppliers

American Takii, Inc.
301 Natividad Rd.
Salinas, CA 93906

Ernest Benary
1444 Larson St.
Sycamore, IL 60178

Kieft Bloemzaden B.V.
2209-B Bulson Rd.
Mt. Vernon, WA 98273

Pan American
P.O. Box 438
West Chicago, IL 60186-0438

Sakata Seed America, Inc.
18095 Serene Dr.
Morgan Hill, CA 95037

Trial results

| Company - Cultivar | Yield (stems/plant) | Length (inches) | Market appreciation rating ² | Repeat again rating ² | Ease of cultivation rating ² |
|--|------------------------|--------------------|---|--|---|
| American Takii | | | | | |
| Celosia Pink Candle | 12.2 | 17.0 | 3.3 | 2.8 | 4.0 |
| Lisianthus Evening Dress | 1 | | | | |
| ¹ Lisianthus Party Dress | 1 | | | | |
| Statice Pastel Shades | 12.2 | 13.5 | 3.8 | 3.4 | 4.0 |
| Sunflower F1 Sunrich Lemon | 1.0 | 37 | 3.3 | 2.6 | 4.4 |
| Ernest Benary | | | | | |
| Aquilegia Music Harmony Mix | p | | | | |
| ¹ Aster Matador Mix | 2.0 | 15.0 | 4.5 | 4.5 | 4.0 |
| Aster Compliment Light Blue | 2.6 | 13.2 | 3.2 | 2.8 | 2.8 |
| Aster Compliment Salmon Pink | 3.6 | 17.1 | 3.6 | 3.6 | 3.6 |
| Aster Compliment White | 2.5 | 17.5 | 3.0 | 1.5 | 2.5 |
| ¹ <i>Chrysanthemum parthenium</i> Snow Crown | 1 | | | | |
| ¹ <i>Doronicum orientale</i> Goldcut | p/1 | | | | |
| <i>Gaillardia aristata</i> Fackelschein | 18.0 | 19.3 | 3.5 | 4.0 | 5.0 |
| <i>Helianthus annuus</i> Floristan | 5.5 | 23.6 | 3.5 | 3.3 | 4.4 |
| <i>Helianthus annuus</i> Holiday | 4.9 | 29.2 | 3.6 | 3.0 | 4.4 |
| <i>Helianthus annuus</i> Sonja | 6.6 | 19.1 | 4.0 | 3.8 | 4.6 |
| <i>Helianthus annuus</i> Valentin | 5.4 | 32.3 | 4.3 | 3.3 | 4.6 |
| Lobelia Compliment Blue | 3.3 | 17.4 | 3.0 | 2.8 | 3.0 |
| Lobelia Compliment Deep Red | 3.3 | 19.8 | 3.3 | 3.3 | 3.3 |
| Lobelia Compliment Scarlet | 2.0 | 12.0 | 2.0 | 1.0 | 3.0 |
| Statice Compindi Deep Blue | 9.8 | 13.0 | 3.6 | 3.2 | 4.0 |
| Statice Compindi Rose | 17.9 | 13.8 | 3.6 | 3.5 | 4.1 |
| <i>Scabiosa atropurpurea</i> Olympia | 43.3 | 22.6 | 5.0 | 4.6 | 4.1 |
| Zinnia Giant Blue Point Strain Mix | 11.6 | 18.0 | 4.5 | 4.2 | 4.1 |

Kieft

| | | | | | |
|---|------|------|-----|-----|-----|
| <i>Asclepias curassavica</i> Silky Gold | 5.8 | 19.3 | 3.3 | 3.7 | 4.1 |
| <i>Carthamus</i> Yellow Grenade | 1 | | | | |
| <i>Cosmos</i> Sensation Purity Superior | 11.5 | 30.4 | 3.4 | 3.8 | 4.5 |
| <i>Gypsophila</i> Lady Lace | 1 | | | | |
| <i>Lavatera trimestris</i> Pink Beauty | 7.1 | 15.8 | 3.1 | 3.1 | 3.3 |
| <i>Lavatera trimestris</i> Rose Beauty | 3.0 | 8.0 | 2.6 | 2.6 | 3.0 |
| <i>Lavatera trimestris</i> White Beauty | 10.5 | 20.3 | 3.0 | 3.6 | 3.0 |
| <i>Linaria purpurea</i> | 1 | | | | |
| ¹ <i>Matricaria (Chrysanthemum parnenium)</i> Qis White | 8.0 | 16.5 | 4.5 | 4.5 | 4.5 |
| Statice Qis White XL | 15.6 | 22.3 | 4.0 | 3.2 | 3.6 |

Pan American

| | | | | | |
|--|------|------|-----|-----|-----|
| ¹ <i>Eustoma</i> Double Up Pink | 1.0 | 12.0 | 3.0 | 2.0 | 1.5 |
| ¹ <i>Eustoma</i> Sentinel Porcelain | 1.5 | 11.5 | 1.0 | 1.0 | 2.0 |
| <i>Delphinium</i> Clear Springs | 1.1 | 16.9 | 4.3 | 4.3 | 3.8 |
| ¹ <i>Matricaria (Chrysanthemum parnenium)</i> Golden Vegmo | 7.0 | 19.0 | 3.0 | 3.0 | 4.0 |
| ¹ <i>Matricaria (C. parnenium)</i> Single Vegmo | 4.5 | 11.0 | 5.0 | 5.0 | 5.0 |
| ¹ <i>Matricaria (C. parnenium)</i> Snowball | 1.0 | 8.0 | 3.0 | 3.0 | 3.5 |
| <i>Matricaria (C. parnenium)</i> Tetra White | none | | | | |
| ¹ <i>Matricaria (C. parnenium)</i> Tetra Vegmo | 12.0 | 8.0 | 2.0 | 1.0 | 3.0 |
| <i>Matricaria (C. parnenium)</i> Vegmo Star | none | | | | |
| <i>Snapdragon</i> Potomac Plum Blossom | 5.8 | 21.6 | 4.3 | 2.8 | 3.3 |
| ¹ <i>Trachelium</i> Lake Avalon | none | | | | |
| ¹ <i>Trachelium</i> Lake Powell | none | | | | |
| ¹ <i>Trachelium</i> Lake Superior | none | | | | |
| <i>Veronica</i> Blue Bouquet | p | | | | |

Sakata

| | | | | | |
|---|------|------|-----|-----|-----|
| <i>Ageratum</i> F1 Blue Horizon | 15.6 | 23.1 | 4.5 | 4.0 | 4.5 |
| ¹ <i>Aster</i> Matsumoto Mixed | ?? | 20.0 | 4.0 | 5.0 | 4.0 |

| | | | | | |
|---|------|------|-----|-----|-----|
| <i>Celosia cristata</i> Chief Mixed | 6.6 | 17.6 | 3.5 | 2.5 | 3.7 |
| <i>Celosia globosa</i> Sparkler Carmine | 7.1 | 13.1 | 4.1 | 3.7 | 4.5 |
| <i>Celosia globosa</i> Sparkler Cream | 6.6 | 11.3 | 1.6 | 1.2 | 4.1 |
| <i>Celosia globosa</i> Sparkler Orange | 8.5 | 12.5 | 2.8 | 2.5 | 4.0 |
| <i>Celosia globosa</i> Sparkler Red | 6.0 | 13.3 | 3.2 | 3.0 | 4.0 |
| <i>Celosia globosa</i> Sparkler Yellow | 7.0 | 13.0 | 2.7 | 3.0 | 4.5 |
| Cosmos Tall Versailles Carmine | 19.0 | 21.6 | 3.8 | 4.2 | 4.4 |
| Cosmos Tall Versailles Pink Eye | 18.2 | 15.3 | 3.3 | 2.8 | 3.5 |
| Cosmos Tall Versailles White | 12.3 | 17.2 | 4.0 | 3.8 | 5.0 |
| ¹ Cosmos Tall Versailles Mixed | 12.0 | 15.6 | 3.3 | 3.6 | 5.0 |
| ¹ Stock Cheerful White Imp. | 1.6 | 14.6 | 4.0 | 2.0 | 3.6 |
| Sunflower F1 Sunbright | 2.7 | 44.0 | 4.7 | 4.4 | 4.8 |
| Sunflower F1 Sunbeam | 1.5 | 66 | 3.8 | 3.0 | 4.4 |

¹Data represents five or fewer respondents.

²1 to 5 scale, with 5 being the best.

Summary of comments

For each species '+' refers to the good qualities of the cultivar and '-' refers to problems. The number in the parenthesis refers to the number of respondents who made the comment. If no number is present, then only one person made the comment. Note: many people did not make specific comments on each cultivar and comments in some cases have been shortened because of limited space.

Company - Cultivar

American Takii

Celosia Pink Candle

- +Color (4), sturdy plants, long stems, productive
- Pale color (2), low production, damping off, poor performance in cool weather, fragile when dried (2), nonuniform

Lisianthus Evening Dress

- +good germination
- pale color and single

Lisianthus Party Dress

- +good germination
- poor germination, color

Statice Pastel Shades

- +color (5)
- poor production, small flower heads, short stems

Sunflower F1 Sunrich Lemon

- +large, beautiful flowers (3), tall single stem, no insect or disease problems, good keeping quality (5-7 days), one of the better varieties
- poor color, poor uniformity, rounded eye not as well liked as flat eye, stems too thick, diseases (3), low production rate, high fertilizer requiring

Ernest Benary

Aquilegia Music Harmony Mix

Aster Matador Mix

Aster Compliment Light Blue

Aster Compliment Salmon Pink

Aster Compliment White

Chrysanthemum parthenium Snow Crown

Doronicum orientale Goldcut

Gaillardia aristata Fackelschein

Helianthus annuus Floristan

Helianthus annuus Holiday

Helianthus annuus Sonja

Helianthus annuus Valentin

Lobelia Compliment Blue

Lobelia Compliment Deep Red

Lobelia Compliment Scarlet

Statice Compindi Deep Blue

Statice Compindi Rose

Scabiosa atropurpurea Olympia

+Color (6), good mixer for bouquet, long stems (2), good postharvest, flowers opened well (2), new to the average consumer

-needs support (2), slow to produce, pick in early stage of opening., time consuming to cut

Zinnia Giant Blue Point Strain Mix

Kieft

Asclepias curassavica Silky Gold

Carthamus Yellow Grenade

Cosmos Sensation Purity Superior

Gypsophila Lady Lace

Lavatera trimestris Pink Beauty

Lavatera trimestris Rose Beauty

Lavatera trimestris White Beauty

Linaria purpurea

Matricaria (*Chrysanthemum parnenum*) Qis White

Statice Qis White XL

Pan American

Eustoma Double Up Pink

Eustoma Sentinel Porcelain

Delphinium Clear Springs

Matricaria (*Chrysanthemum parnenium*) Golden Vegmo

Matricaria (*C. parnenium*) Single Vegmo

Matricaria (*C. parnenium*) Snowball

Matricaria (*C. parnenium*) Tetra White

Matricaria (*C. parnenium*) Tetra Vegmo

Matricaria (*C. parnenium*) Vegmo Star

Snapdragon Potomac Plum Blossom

Trachelium Lake Avalon

Trachelium Lake Powell

Trachelium Lake Superior

Veronica Blue Bouquet

Sakata

Ageratum F1 Blue Horizon

Aster Matsumoto Mixed

Celosia cristata Chief Mixed

Celosia globosa Sparkler Carmine

Celosia globosa Sparkler Cream

Celosia globosa Sparkler Orange

Celosia globosa Sparkler Red

Celosia globosa Sparkler Yellow

Cosmos Tall Versailles Carmine

Cosmos Tall Versailles Pink Eye

Cosmos Tall Versailles White

Cosmos Tall Versailles Mixed

Stock Cheerful White Improved

Sunflower F1 Sunbright

Sunflower F1 Sunbeam

Trial Participants

Marylyn Anderson
Flowering Meadow Farm
Damascus, MD

Pamela and Frank Arnosky
Texas Specialty Cuts
Wimberley, TX

Douglas and Gloria Austin
Austin Gardens
Flushing, MI

Don Bade
Bade Farms
Momence, IL

Sharon Challand
Meadow Everlastings
Malta, IL

Martin and Theresa Connaughton
Wilderness Flowers
Sante Fe, NM

Barbara Cospers
Flower Power
Highlands, NC

Susan Dayton
Dayton Farm
East Hampton, NY

Joseph Fisher
Fischer's Greenhouse
Gordonville, PA

Janet Foss
J. Foss Garden Flowers
Everett, WA

Roseann Greenberg
Forever Green Farm
Allentown, NJ

Jim Harbage
South Dakota State University
Brookings, SD

Susan Hart
Tulsa, OK

Jeff Hartenfeld
Hart Farm

Solsberry, IN

Betsy Hitt
Peregrine Farms
Graham, NC

Sande Larson
Elizabeth, MN

Lisa Margulies
The Flower Farm
Arroyo Grande, CA

Linda White Mays
Sundance Nursery & Flowers
Irvine, NY

Kathy Melmoth
Recipe Gardens
Pittsford, MI

Don Mitchell
Flora Pacifica
Brookings, OR

Susan O'Connell
Fertile Crescent Farm
Hardwick, VT

Jackie and Charlie Pike
Texas Nature Treasures
Fort Worth, TX

Paul Redman/John Dole
Oklahoma State University
Stillwater, OK

Kim Roberts and Chris Dourley
Lost Mesa Flower Co.
Hotkiss, CO

Kathy Riley
Nature Perfect
Puyallup, WA

Vicki Stamback and Judy Rose
Bear Creek Farms
Stillwater, OK

Cheryl Wagner
Wagner's Homestead Farms
Belleville, MI

Jimmy Zheng
Kitayama Bros.

Watsonville, CA