

Seed Trial Report

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Looking over a cut flower farm, one can see human history illustrated in flowers. The species we brought with us as we spread out over the globe, the species we discovered in the new areas we reached, and the species we created today. Gladiolus and celosia came to us from Africa, eucalyptus foliage from Australia, chrysanthemum and peony from China, anemone, snapdragon and stock from the Mediterranean, and dianthus and ammi from Eurasia, just to name a few. Of course, the Americas are well represented on our farms and flower stands with dahlias, lisianthus, marigolds, sunflowers and zinnias.

ZINNIA

Zinnia is the most commonly grown cut flower in North America, followed closely by peony, snapdragon, sunflower and dahlias to round out the top five. Cultivation of zinnias likely began in the gardens of the Aztecs. From there, they were carried to Spain and then to the rest of Europe and Asia along with many other New World plants. Interest in the zinnias increased greatly with the creation/discovery of double flowering in India in the mid 1800s. The large and impressive double-flowered types quickly made their way back to their original home in the Americas. While grown primarily as a garden flower, zinnias were always a natural cut flower due to the long stems and wonderful array of colors. Zinnia cultivation reached the high levels seen today with the surge in interest in locally grown flowers!

The ASCFG Cut Flower Trials have played a major role in publicizing new zinnias, including the Oklahoma and Queen series, 'Uproar Rose', and 'Zowel! Yellow Flame' This year brings us three new zinnia cultivars from Johnny's Selected Seeds: **'Ballerina'**, **'Agave'**, and **'Aurora'**. All three cultivars were productive, producing around nine stems per plant that were an average of 19 to 20 inches long. Respondents report an average vase life of about seven days with some getting two weeks. For those providing their postharvest handling regime, chlorine tablets followed by a holding solution was commonly mentioned.

Of the three zinnia cultivars, 'Ballerina' scored the highest for its color, flower size and shape and productivity. One trialer commented, "Great color and a show stopper in the field. Kept pumping out more stems too!" 'Agave' and 'Aurora' also received positive reviews for large flowers and great colors, although the twisted petals of 'Agave' received mixed comments. Some noted that the petals made the flowers look old, while others loved the style. One trialer called them out for their "weirdness and Little Mermaid vibes!"

CELOSIA

The overall top scoring cut flower in the trials this year was a celosia—**'Sunday Bright Orange'** from Ball/Pan American Seed. Trialers loved its bright-orange color, compact plumes, and productivity. One trialer represented the comments well with "I, and my market, really loved this flower! Such a bright orange; it complimented ever so many other summer flowers. And the plants quickly grew large with abundant flower stems!" Plants produced an average of nine stems/plant with at least one grower harvesting 30 stems/plant. Stems were a respectable 21 inches long with several trialers harvesting 30-plus-inch-long stems.

The second highest scoring cultivar was also a celosia—**'Shimmer'** from Johnny's Selected Seeds. Productivity and stem length were similar to that of 'Sunday Orange'. One of the great aspects of trials is that we get so many perspectives. Case in point: One trialer noted that they "Loved the pastel



Zinnia 'Ballerina'

Photo: Maggie Taylor



Zinnia 'Agave'

Photo: Mary Altermatt



Zinnia 'Aurora'

Photo: Heather Henson



Celosia 'Sunday Bright Orange'

Photo: Maggie Taylor



Celosia 'Shimmer'

Photo: Maggie Taylor



Celosia 'Smashing Yellow'

Photo: Maggie Taylor



Craspedia 'Solar Pop'

Photo: Heather Henson



Delphinium 'Brezza Light Blue'

Photo: Mary Altermatt

range of colors. So shimmery and subtle. Florists loved it. Especially liked the pale yellow ones,” while another noted that “The colors are very pale ... hard to match with other colors. Sad kinds of colors.” Check out all of the comments online to decide for yourself.

Rounding out the trio of celosia cultivars was the lone cockscomb type: **'Smashing Yellow'** from Evanthia—with large heads and thick stems. Several of the trialers noted that it was best as a single-stem plant, but a number of growers harvested more than one stem/plant. Stem length was a bit on the short side, about 15 inches, but some trialers had 30-inch stems.

'Smashing Yellow' had the longest reported vase life of the three celosias with 13 days. The two plume types lasted seven to eight days. Several trialers recommended harvesting into a commercial hydration solution.

CRASPEDIA

Craspedia is having its moment. The bright yellow balls seem to be everywhere, adding pops of color and texture to designs. The thin, but strong, stems are easy to harvest, averaging 10 stems/plant and 18 inches in length for this year's cultivar, **'Solar Pop'** from Benary Seed. The vase life averaged 10 days, and several folks commented that they dry well, lasting “indefinitely.” After a cool start, they can tolerate heat but do best in cool weather as shown by one Zone 3a trialer getting season-long production, 20 stems/plant, of 18- to 30-inch-long stems. They also noted that it, “Has a unique trait I've not seen in other craspedia; some blooms are egg-shaped instead of completely round. It becomes more pronounced with drying. Very cool!”

DELPHINIUM

Blue, blue, blue, and more blue. Two of the three delphiniums in the trial were blue, and trialers couldn't get enough of them—“Brilliant true blue” as one trialer commented. **'Brezza Light Blue'** and **'Brezza Blue'**, both from American Takii, were spray-type delphiniums producing around five stems/plant that were on the short side, only 13 to 15 inches long on average, although at least one trialer had three-foot stems. Vase life averaged about six days. One trialer noted that they are ethylene sensitive. As with most delphinium, they did best in cool weather and did not tolerate heat or water stress well. However, some were able to get a second and even a third flush of stems, again in cooler zones. Alas, we always want more—“Hope they have the same in a pink color!!”

STOCK

Most stock produce one tall stem, but as with delphiniums, spray types are available. **'Trident White'** (called Spray Type White in the trial), from American Takii produced one stem/plant that averaged 17 inches long, although three trialers harvested stems more than two feet long. Two comments were, “Large, fluffy heads. Nearly 100% double without selecting,

some plants branched into a multiple-flowered stem, some had a single flower head. Very pretty!” and, “The spray nature of this cultivar meant that there were two or three usable stems per plant.” One trialer cautioned that the central spike flowered fastest and the flowers might brown before the rest of the shoots are ready. Vase life averaged eight days.

DIANTHUS

‘Amazon Purple Magic’ (Ball/Pan American Seed) was in the trial this year, adding to the popular Amazon series. “Amazing producer of solid straight stems with multi-colored blooms. Nonstop blooming through the season until frost,” says one trialer. Plants produced an average of seven stems that were 19 inches long, with multiple folks getting 24-inch-plus stems. Not surprising for the series, vase life averaged 10 days with some getting two weeks.

STATICE

The quintessential filler flower, statice, has been growing in popularity again for long, easy-to-cut stems, broad color range, and the ability to be used fresh or dried. There were two statice cultivars in the trials, both from Benary. **Hipster Mix** and **‘Indie Purple’** produced 19-inch stems on average, although multiple trialers had longer stems for Hipster. Hipster was more productive (about 11 stems/plant), than ‘Indie Purple’ with five stems/plant. A couple of trialers noted that ‘Indie Purple’ didn’t flower for them, and others didn’t care for the mix of colors in the Hipster Mix, which was limited to yellow, pink, purple, and white. Both had an excellent fresh vase life of 12 to 13 days with no special handling required.

LISIANTHUS

Interest in lisianthus continued unabated with this year with 12 cultivars in the trials. The colors ranged from white to purple and most were doubles. Six of the cultivars were from Sakata along with InFlora, representing three series: **Rosita**, **Voyage**, and **Viviana**. They produced two to three stems/plant with lengths ranging from 16 to 18 inches. Vase life averaged nine to 14 days. **‘Rosita 3 Bright Blue’** was especially well liked as one trialer wrote, “The stems of this cultivar were very strong and straight. Many of the plants had more than one stem—some as many as four—and many stems had multiple blooms. I cut several plants that with side branches, that had 12-plus blooms! The flowers are compact and resemble roses.” The Viviana cultivars have single flowers, harkening back to the original lisianthus wildflower from the Central Plains. Plants produced three stems/plant that were 16 to 17 inches long. One comment: “Love, love, love this small bloom and its delicate pink color.”

Ball/Pan American Seed submitted four lisianthus cultivars in the **ABC** and **Flare** series. All produced about three stems/plant that averaged 15 to 16 inches long. Of these, **‘Flare White V2’** did quite well with a long vase life



Delphinium ‘Brezza Blue’
Photo: Jamie Sammons



Stock ‘Trident White’
Photo: Jamie Sammons



Dianthus ‘Amazon Purple Magic’
Photo: Barb Jewell



Lisianthus ‘Voyage 2 Blue Flash’
Photo: Heather Henson



Lisianthus 'Viviana Blue'

Photo: Connie Bijl



Lisianthus 'Flare White V2'

Photo: Heather Henson



Sunflower 'Vincent's Choice DMR'

Photo: Melissa Fischbach



Sunflower 'Vincent's Fresh DMR'

Photo: Melissa Fischbach

of 11 days, and according to one trialer, "This was the favorite lisianthus I grew in 2025. It has perfect stems and flowers."

SUNFLOWER

With all of the great cultivars available, it is getting harder and harder to make an impression with a new sunflower. We appreciate companies continuing to try, as everyone wins when the new cultivars succeed. There were nine sunflower cultivars in the trials, including two experimentals. Of these, **'Vincent's Choice DMR'** and **'Vincent's Fresh DMR'**, both from Sakata, scored the highest. Both are established cultivars, and the new versions now have downy mildew resistance (DMR). 'Vincent's Choice' has dark centers, and 'Vincent's Fresh' has green centers opening to yellow. Both are pollenless, single-stem types with double rows of petals, and had average stem lengths of more than 40 inches. Vase life was seven to eight days, and trialers suggested harvesting before they are fully open.

'ProCut Orange Splendor' sunflower from Nuflores/Sunflower Selections was notable for its early flowering. According to one trialer, "This was a lovely sunflower; [harvested] a full week or two prior to our other cultivars." This single-stem cultivar produced stems close to four feet tall, which is notable for a fast-flowering sunflower. It has the classic dark center and orange petals and lasted seven days.

Sunflower 'Sunrich Gold Gen 2' from American Takii is a single-stem type with green centers. Stems averaged 43 inches in length, and the vase life was seven days. It's another excellent sunflower; one trialer commented, "Beautiful golden yellow color. Nice size sunflower for use in bouquets. Strong upright stems. Gorgeous green center."

Most sunflowers these days are single-stem types. However, **'Sunova'** from InFlora/Express Seed can be grown as a branching type as with 'Soraya'. Branches form at the base of the plant, resulting in long stems. One trialer noted that they got one central stem and five laterals. Flower heads are smaller, with one comment that they were an "Excellent bouquet-sized sunflower." The stem length averaged 31 inches and the vase life was about eight days.

SNAPDRAGON

Snapdragons did well this year. We had 10 cultivars in the trials, three of which made it into the top-10-scoring cut flowers: **'Toulon Pink V'** (labeled Exp. IV in the trial), **'Toulon Lemon IV'** (labeled Exp. III in the trial), and **'Toulon Deep Purple V'** (labeled IV in the trial). These three were all from Evanthia and were submitted by InFlora/Express Seed. All averaged four to five stems/plant, 21- to 23-inch-long stems and seven to eight days in a vase. It should be noted that one trialer got 45-inch stems. Handling recommendations focused on picking early and keeping stems cool and straight. Trialers like the colors and sturdy stems, and many of

the trialers reported “none” for problems. The yellow was especially noted for being a “a soft yellow color.”

ORNAMENTAL CABBAGE/KALE

One of the issues with ornamental cabbage/kale is getting them to color up before the cold of winter or the heat of summer. This year we had two early “flowering” cultivars in the trials, **‘Crane Early White’** and **‘Crane Early Red’** (American Takii), and both lived up to their names. As one trialer stated: “Nice size, even and consistent heads, fast to color up, even in warm October weather.” Stem length averaged 22 inches with some having 40-inch stems. For new growers, ornamental cabbages and kales have a reputation for having variable heights, especially in less than ideal conditions, and a couple of trialers noted this as well. Vase life was excellent, as typical, with many reporting two weeks with recommendations to change water daily or use chlorine tablets.

SORGHUM

First introduced in the trials only two years ago, the Prairie Pearls series of ornamental sorghum made an impact from the beginning due to their short stature and easy culture. The latest cultivar in the series is **‘Prairie Pearls Cream Improved’** (InFlora/Express Seed), which produced about two stems/plant that averaged 35 inches long. One trialer’s comments: “Easy to grow, easy to harvest, manageable height, and fun in arrangements.” It should be noted that birds are a common problem with all sorghums and seed heads don’t color up well until late in the season.

COMMENTS

As with last year, check out the comments online (<http://ascfg.org/2025-seed-trial-report/>). For each trialer, you can see their comments. The comments provide so much great information that we cannot include in this summary that will help you decide whether or not to try the cultivar, and if you do, how to grow and handle the plants. As you read through them, you might see a wide range of opinions. It is not unusual to have one trialer love a cultivar and another to hate it. Sometimes the differences are due to how well the cultivars performed for them, other times the differences are due to customers loving or not the cultivars.

CUT FLOWERS OF THE YEAR NOMINEES

Based on the combined ratings score (market appreciation + repeat again + ease of cultivation), the top ten cultivars will be nominated for the ASCFG Cut Flower of the Year: Celosia ‘Shimmer’ (4.63 score), Celosia ‘Sunday Ball Orange’ (4.80), Dianthus ‘Amazon Purple Magic’ (4.39), Snapdragon ‘Toulon Pink V’ (4.39), Snapdragon ‘Toulon Lemon IV’ (4.40), Snapdragon ‘Toulon Deep Purple V’ (4.53), Sunflower ‘Sunrich Gold Gen 2’ (4.38), Sunflower ‘Vincent’s Choice DMR’ (4.52), Sunflower ‘Vincent’s Fresh DMR’ (4.12), and Zinnia ‘Ballerina’ (4.53).



Sunflower ‘ProCut Orange Splendor’

Photo: Violet Maston



Sunflower ‘Sunrich Gold Gen 2’

Photo: Chris Smedley



Snapdragon ‘Toulon Pink V’

Photo: Melissa Fischbach



Snapdragon ‘Toulon Lemon IV’

Photo: Melissa Fischbach



Snapdragon 'Toulon Deep Purple V'

Photo: Melissa Fischbach



Ornamental cabbage 'Crane Early White'

Photo: Jamie Sammons



Ornamental cabbage 'Crane Early Red'

Photo: Michelle Elston

INTERPRETING THE RESULTS

Interpreting the results. One quick way to determine if a cultivar is particularly good is to check the "Grow again" rating—this score indicates that the trialer would take the time, money, and space to actually grow the cultivar again. The other ratings, "Market Appreciation" and "Ease of Cultivation," will help provide a complete picture of the cultivars. More than one trialer has reported that they personally like the cultivar, but couldn't sell it or couldn't grow it. And the truth be told, unless the cultivar is truly spectacular, most growers don't have the time to develop a market for a new species/cultivar or figure out how to grow it.

The numbers reported are averages of all the respondents, and many factors will affect the success of any cultivar. Our participants grow and harvest trial plants using several methods. After looking at the average, check the range of responses listed below each number to see how the cultivar performed at its best and its worst. If the range of responses in the ratings is narrow and high, i.e., 3 to 5 or 4 to 5, the plant was a winner for most of the respondents and is likely to do well for you.

ACKNOWLEDGEMENTS

Thank you to each of the 28 evaluators who returned their trial reports and/or provided photos! We very much appreciate the time it takes to do the trials. We want to especially thank Violet Maston, Sweet Violet Farm, for being the first trialer to return evaluations for the seed trials! Thank you to the companies for providing the plant materials.

PARTICIPATING SEED COMPANIES

American Takii

Salinas, CA
www.takii.com

Ball Seed/PanAmerican Seed

West Chicago, IL
www.bloomstudios.com/en-us

Benary

DeKalb, IL
www.benary.com

Express Seed/InFlora Cut Flowers

Oberlin, OH
www.expressseed.com

Evanthia

Monster, The Netherlands
www.evanthis.nl/en

Johnny's Selected Seeds

Waterville, ME
www.johnnyseeds.com

Sunflower Selections/ NuFlowers

Woodland, CA
www.sunflowerselections.com

Sakata

Woodland, CA
sakataornamentals.com

PARTICIPATING SEED TRIALERS

Mary Altermatt

White Flower Farm
New Milford, CT
Zone 6a

Connie Bijl

William Dam Seeds
Dundas, ON
Zone 6

Lyndsay Biehl

Wildroot Flower Co.
Marietta, OH
Zone 6b

Renee Clayton

Wild Scallions Farm
Durham, NC
Zone 7b

Mimo Davis

Urban Buds
St. Louis, MO
Zone 6a

Mariet D'Hondt

Backroad Blooms
Wardsville, ON
Zone 6b

John Dole

NC State University
Raleigh, NC
Zone 7b

Michelle Elston

Roots Cut Flower Farm
Carlisle, PA
Zone 6

Jennifer Feddema-Gerryts

Wendalane Farms
Wellandport, ON
Zone 6

Melissa Fischbach

Wild Hollow Farm
Ashland, WI
Zone 4

Amy Fogo

Adair Gardens Flower Farm
North Augusta, ON
Zone 5

Beth Foose

Little Bluestem Farm
Carthage, MS
Zone 8a

Claude Gauthier

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Trois-Rivieres, QC
Zone 4b

Erin Harlow

University of Florida/IFAS
Extension, Columbia County
Lake City, FL
Zone 8b/9a

Heather Henson

Boreal Blooms
Cold Lake, AB
Zone 3a Canadian

Barb Jewell

Island Meadow Farm
York, PE
Zone 5b

Nancy Jordan

Ganden Gardens
Winchester, ON
Zone 4

Violet Maston

Sweet Violet Farm
Parkersburg, WV
Zone 6b

Alexandra Mundry

Quince Blossom Ridge
Waldorf, MD
Zone 7b

Jamie Sammons

Jayflora Designs
Fonda, NY
Zone 5

Beth Sastre

Loudoun VCE in collaboration with
Academies of Loudoun
Ashburn, VA
Zone 7a

Erin Small

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Zone 7a

Chris Smedley

Millbrook Meadow Farm
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Zone 6a

Maggie Taylor

Delight Flower Farm
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Zone 6a

Jan Trent

The Blossom Farm
Huddleston, VA
Zone 7

Andrea Verouden

Hard Scrabble Blooms
Thamesville, ON
Zone 6b

Ellen Weatherholt

Posegate Farms
Tulsa, OK
Zone 7

Each year the trialers provide us with a wealth of comments on each of the cultivars addressing the following: good qualities, problems, similar species/cultivars, recommendations for postharvest handling, and additional comments. With the high cost of printing, we have decided to put the comments online. You can find the comments at <http://ascfg.org/2025-seed-trial-report/>.

SEED TRIAL RESULTS

The first row of data for each cultivar is the average, and the second row is the range of responses. Note that when only one response is shown in the range line, all respondents gave the same rating.

SPECIES AND CULTIVAR	Yield (stems/plant)	Stem Length (in.) ¹	Market Appreciation Rating ²	Grow Again Rating ²	Ease of Cultivation Rating ²	Postharvest Life (days)
Celosia Shimmer Johnny's Selected Seeds	9.5 3-30	23.2 10-50	4.6 3-5	4.4 2-5	4.9 4-5	7.6 4-15
Celosia Smashing Yellow Evanthia	2.4 1-8	15.2 8-30	3.6 1-5	3.1 1-5	4.0 1-5	12.7 7-16
Celosia Sunday Bright Orange Ball/PanAmerican Seed	8.6 1-30	21.3 12-50	4.7 4-5	4.8 4-5	4.9 4-5	6.9 5-10
Craspedia SolarPop Benary	10.2 1-20	18.4 12-30	3.5 1-5	3.6 1-5	3.7 1-5	10.1 7-14
Delphinium Brezza Blue American Takii	5.3 1-20	13.2 5-37	3.5 1-5	3.3 1-5	3.2 1-5	6.6 5-12
Delphinium Brezza Light Blue American Takii	5.3 1-16	14.5 5-37	3.9 1-5	4.0 1-5	3.7 1-5	6.4 5-10
Delphinium Candle Lavender Shades Imp. Sakata	1.0 1	36.0 36	2.0 1-4	2.0 1-4	1.4 1-3	6.0 5-7
Dianthus Amazon Purple Magic Ball/PanAmerican Seed	7.3 1-12	19.2 12-29	3.8 2-5	4.5 4-5	4.8 4-5	10.2 7-14
Limonium Hipster Mix Benary	11.2 3-12	18.6 9-36	3.7 2-5	2.9 1-5	4.0 3-5	12.0 7-21
Limonium Indie Purple Benary	4.6 1-10	19.3 12-24	4.0 2-5	3.6 2-5	3.6 2-5	13.3 10-21
Lisianthus ABC 2 Purple Imp Ball/PanAmerican Seed	2.8 1-6	14.8 10-20	4.3 3-5	3.5 2-5	4.0 3-5	11.0 10-12
Lisianthus ABC 2 Rose Imp Ball/PanAmerican Seed	2.3 1-5	15.7 7-25	4.0 2-5	3.3 2-5	4.3 4-5	9.0 8-10
Lisianthus ABC 3 Yellow Ball/PanAmerican Seed	3.5 1-8	15.0 9-21	4.0 4	4.5 4-5	4.5 4-5	9.0 8-10
Lisianthus F1 Corelli type III Apricot Gen 2 American Takii	1.8 1-4	17.8 15-22	5.0 5	4.0 1-5	3.0 1-4	9.8 5-15
Lisianthus Flare White V2 Ball/PanAmerican Seed	2.8 1-11	17.2 7-24	4.8 4-5	4.4 3-5	3.6 3-5	11.3 8-15

¹Data shown are from the respondents who harvested stems. Some trialers may have not harvested stems, because they were too short. The stems, not the trialers.

²1 to 5 scale with 5 being the best; market appreciation ratings are based on sales to wholesalers, retailers and/or final consumers.

³No responses.

SPECIES AND CULTIVAR	Yield (stems/plant)	Stem Length (in.) ¹	Market Appreciation Rating ²	Grow Again Rating ²	Ease of Cultivation Rating ²	Postharvest Life (days)
Lisianthus LisAdora Apricot Evanthia	2.5 1-5	20.0 12-28	3.8 1-5	3.6 1-5	3.4 1-5	12.0 10-14
Lisianthus Rosita 2 Lavender II Sakata	1.6 1-3	16.0 14-18	3.7 2-5	3.3 1-5	3.5 3-4	14.0 14
Lisianthus Rosita 3 Bright Blue Sakata	2.3 1-4	18.0 14-24	5.0 5	4.0 3-5	4.0 4	10.0 10
Lisianthus Rosita 3 Yellow II Sakata	2.3 1-4	16.3 15-20	4.0 4	4.0 4	3.5 3-4	3 ³ -
Lisianthus Viviana Blue Sakata	3.0 1-5	16.5 15-20	3.5 3-4	3.0 3	3.5 3-4	7.0 7
Lisianthus Viviana Pink Sakata	3.0 1-5	16.3 15-20	4.0 4	3.5 3-4	3.5 3-4	8.5 7-10
Lisianthus Voyage 2 Blue Flash Sakata	1.8 1-4	16.5 12-20	4.0 4	3.3 3-4	3.7 3-4	11.0 7-15
Ornamental cabbage F1 Crane Early Red American Takii	2.8 1-12	22.3 10-40	3.8 1-5	3.2 2-5	4.3 2-5	15.0 14-16
Ornamental cabbage F1 Crane Early White American Takii	3.1 1-12	21.6 12-40	3.2 1-5	4.2 3-5	4.4 2-5	11.5 8-15
Ornamental cabbage F1 Crane Feather Snow American Takii	3.6 1-12	19.3 12-36	4.0 1-5	4.5 3-5	4.3 2-5	16.0 16
Ornamental Sorghum Prairie Pearls Cream Imp InFlora/Express Seed	1.5 1-3	35.8 16-48	3.7 3-5	3.1 3-5	4.6 3-5	15.7 10-21
Snapdragon Potomac Bright Orange InFlora/Express Seed	5.4 1-8	26.1 18-45	4.0 1-5	4.0 1-5	4.0 1-5	- -
Snapdragon Potomac Early Rose Imp InFlora/Express Seed	3.4 1-8	27.2 18-45	4.3 1-5	4.3 1-5	4.3 1-5	8.5 7-10
Snapdragon Potomac Plumblossom InFlora/Express Seed	4.2 1-12	25.1 14-45	4.4 3-5	4.3 3-5	4.4 3-5	6.5 5-7
Snapdragon Toulon Apricot Evanthia	5.2 1-20	20.3 6-30	3.5 1-5	4.1 1-5	3.5 1-5	6.4 4-7
Snapdragon Toulon Deep Red Evanthia	4.5 1-8	21.8 12-45	3.6 1-5	3.6 1-5	3.6 1-5	- -
Snapdragon Toulon Deep Red IV InFlora/Express Seed	5.3 1-11	22.3 12-29	5.0 5	4.3 4-5	3.7 3-4	7.0 7
Snapdragon Toulon Deep Rose Exp IV InFlora/Express Seed	5.3 1-20	20.6 10-38	4.6 4-5	4.6 4-5	4.2 3-5	7.1 5-10

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Snapdragon Toulon Deep Purple V (Exp IV in trial) InFlora/Express Seed	5.7 1-20	22.4 10-45	4.7 4-5	4.6 4-5	4.3 3-5	7.4 7-0
Snapdragon Toulon Lemon IV (Exp III in trial) InFlora/Express Seed	4.2 1-10	23.1 10-45	4.6 4-5	4.4 4-5	4.3 3-5	7.5 7-10
Snapdragon Toulon Pink V (Exp IV in trial) InFlora/Express Seed	4.8 1-10	22.1 10-45	4.6 4-5	4.4 3-5	4.1 3-5	7.8 7-10
Stock Coselja Antique Rose Evanthia	1.1 1-3	15.6 6-35	3.4 2-5	3.3 2-5	3.8 3-4	8.5 5-14
Stock Trident White (Spray-type White in trial) American Takii	1.3 1-3	17.2 9-32	3.7 1-5	3.8 1-5	4.0 1-5	8.2 3-14
Sunflower EXP 15250 InFlora/Express Seed	1.4 1-6	39.3 6-72	4.3 1-5	4.0 1-5	4.3 3-5	5.8 3-7
Sunflower ProCut Orange Splendor Nuflovers/SunflowerSelections	1.1 1-3	46.5 11-68	4.1 1-5	4.0 1-5	4.8 3-5	6.9 5-10
Sunflower Solaneto (EXP 1517) InFlora/Express Seed	1.3 1-4	35.7 24-60	3.6 1-5	2.9 1-5	4.7 3-5	8.5 4-14
Sunflower F1 Sunrich Gold Gen 2 American Takii	1.3 1-4	43.0 10-76	4.1 1-5	4.1 1-5	4.9 4-5	7.0 5-10
Sunflower Rayo de Sol InFlora/Express Seed	2.1 1-16	40.9 7-72	3.9 1-5	3.5 1-5	4.7 4-5	6.4 3-12
Sunflower Sunova InFlora/Express Seed	2.4 1-8	30.8 18-60	3.7 1-5	3.4 1-5	4.7 4-5	7.5 5-10
Sunflower Tangy Sakata	1.7 1-9	42.2 9-65	3.9 1-5	3.6 1-5	4.9 4-5	6.7 5-10
Sunflower Vincent's Choice DMR Sakata	1.6 1-7	40.3 4-55	4.6 2-5	4.4 2-5	4.6 2-5	6.9 3-10
Sunflower Vincent's Fresh DMR Sakata	1.0 1-10	43.7 6-60	4.3 1-5	4.2 1-5	4.8 3-5	7.6 6-10
Zinnia Agave Johnny's Selected Seeds	8.5 2-20	20.3 10-40	3.9 2-5	3.9 1-5	4.4 3-5	6.8 5-12
Zinnia Aurora Johnny's Selected Seeds	8.6 1-33	19.8 10-36	4.1 3-5	3.7 1-5	4.5 3-5	7.1 5-14
Zinnia Ballerina Johnny's Selected Seeds	9.0 4-23	20.0 12-40	4.4 4-5	4.5 3-5	4.7 4-5	7.7 5-14

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