North Dakota State University (NDSU) is looking for gardeners to help evaluate vegetable and flower varieties. We'll work together to discover which varieties grow best for us in North Dakota.

**Who Can Participate?**

Everyone! This includes commercial growers and backyard gardeners; beginners and experts. School gardens are welcome to participate.

We have formed a team of over 1,000 families during the past few years, making this one of the largest agricultural research networks in America. We focus on working with gardeners in North Dakota but will work with gardeners in adjacent states living in nearby counties.

**Is It Hard to Participate?**

NDSU is not looking for complicated data. For each trial, we simply wish to know which of the two varieties germinated best, was most healthy, matured earlier, produced the highest yield, and produced the finest quality food/flower.

We wish to know which of the two varieties you prefer and which of the two varieties (if any) you recommend to other gardeners. See page 14 for an example of a completed evaluation form.

**Selecting Trials**

Each trial has two varieties and households must grow and evaluate both varieties.

Households may select up to seven trials to evaluate. All efforts will be made to give the gardeners their preferred trials, but seed supplies are limited. Gardeners will have the option to select alternate trials in case their first selections are not available.

**Our Agreement**

This project is a research program, not a seed store. Gardeners must agree to manage their seeds in a responsible manner and report their results to NDSU. For our part, we have made the trials simple and fun!

Gardeners will receive seed packets sufficient to plant a 10-foot row of each variety. Row labels and evaluation sheets will also be mailed.

We use 10 feet as our guide to get a fair look at a variety. Persons with small gardens or container gardens may participate but please allow for a fair look of each variety.

**Ordering Information**

Orders are now being accepted. See page 13 for the order form. Gardeners may select up to seven trials to evaluate.

Please pay $1.00 per seed trial. Each trial includes two varieties. Please add $4.00 for shipping.
GMOs and Treated Seed

No seeds in these trials are GMOs (genetically modified organisms). Such varieties are developed through procedures not possible in nature. GMOs are rarely found in gardening catalogs.

We prefer to offer untreated seeds for most crops. These seeds are safe to handle and grow well under most circumstances.

We have started using treated seed in response to gardeners struggling to establish stands of corn. Our sweet corn trials are treated with fungicide, and in some cases, insecticide. In 2018, one of our pumpkin varieties is treated; untreated seed was not available.

Any treated seed will be clearly marked with a warning on the seed packet.

What Happens With the Results?

Upon receiving the results of gardeners (typically soon after the first frost), NDSU will compile the results and inform gardeners of our findings.

The results will be used to develop recommendations for gardeners in North Dakota and distributed via University publications and broadcasts.

Results of previous trials are available at www.ag.ndsu.edu/homegardenvarietytrials/.

For more information, contact Tom Kalb at tom.kalb@ndsu.edu or 701.328.9722.

More Information

Thomas Kalb
North Dakota State University
2718 Gateway Ave., Suite 304
Bismarck, ND  58503
701.328.9722
tom.kalb@ndsu.edu

For more information on the North Dakota Home Garden Variety Trials, go to www.ag.ndsu.edu/homegardenvarietytrials/.


North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, race, religion, sex, sexual orientation, or status as a U.S. veteran. Direct inquiries to: Vice Provost for Faculty and Equity, Old Main 201, 701.231.7708 or Title IX/ADA Coordinator, Old Main 102, 701.231.6409.
# 2018 Vegetable Trials

## BEAN

### 1. Dark Green Snap

**Hickok**
60 days. Deep green, stringless pods with a sweet, mellow flavor. Compact, productive plants.

**Jade II**
60 days. Vigorous plants produce an abundance of dark green, flavorful pods all summer long.

### 2. Green Snap

**Bush Blue Lake 274**
56 days. The standard for yield and quality. Green, stringless pods. Dependable.

**Greenfield**
58 days. Award winner in 2018. Rich green, 7-inch pods. Firm texture holds up well to blanching.

### 3. Green Filet

**Calima**
55 days. Slender, dark green pods with excellent flavor. Early and productive.

**Crockett**
60 days. Pods are slender and deep green. Yields are heavy and continuous. Proven performer.

### 4. Green Pole

**Blue Lake S-7 Stringless**
60 days. Improved Blue Lake type. Easy to pick, high yields, and smooth, dark green pods.

**Seychelles**
55 days. New award winner. Vigorous vines produce lots of flavorful, stringless pods. Early.

### 5. Vegetable Soybean

**Midori Giant**
70 days. Reliable producer of large, sweet, and smooth-textured beans. Vigorous vines.

**Tohya**
55 days. Compact plants produce a concentrated set of pale green pods. Delicious, buttery flavor.

### 6. Yellow Filet

**Borsalino**
60 days. Good yields of straight, sunny yellow beans. Gourmet quality. Harvest at 4 inches.

**Soleil**
54 days. A baby filet type known for its outstanding, buttery flavor. Pods are slender and bright yellow.
7. Gold

**Goldfinger**
59 days. Dark orange roots with strong tops. Roots are uniform, straight and sweet. Popular in ND.

**Rodelika**
72 days. Large roots are very sweet and flavorful. Widely used in Europe to make juice.


8. Red

**Boro**
50 days. Smooth, round roots develop quickly. Excellent flavor and healthy tops.

**Merlin**
55 days. Exceptional eating quality. Its dark red roots are round and smooth. Deep green, glossy leaves.


9. Red Canning

**Cylindra**
54 days. Straight and cylindrical, 5-inch-long roots can be cut into uniform slices.

**Taunus**
65 days. Very uniform roots grow 6 inches long. Roots are deep red, sweet, and have little to no zoning.


10. Early

**Napoli**
58 days. Crunchy, sweet roots with a blunt shape. Called “candy” carrots when harvested in fall.

**Yaya**
56 days. Roots are smooth, sweet and crisp. A popular summer carrot that can be harvested in fall.


11. Full Season

**Goldfinger**
69 days. Dark orange roots with strong tops. Roots are uniform, straight and sweet. Popular in ND.

**Rodelika**
72 days. Large roots are very sweet and flavorful. Widely used in Europe to make juice.


12. Yellow

**Yellowbunch**
75 days. Vivid, sunny yellow roots grow 8 inches long and are slightly tapered. Imperator type.

**Yellowstone**
73 days. Long, 8-inch roots with big shoulders. Easy to grow. Great flavor, both fresh or cooked.
**13T. Bicolor Early**

Sweetness (syn)
68 days. An early corn of premium quality. The sturdy stalks produce well-filled ears of plump kernels.

Temptation (se)
70 days. A top performer in ND. The vigorous stalks produce heavy yields of tender, sweet corn.

80 treated seeds each

Augmented Super Sweets (shA) must be isolated at least 25 feet apart from other types of sweet corn to prevent the formation of hard kernels.

**14T. Bicolor Late**

Aces (shA)
78 days. Long, 8-inch ears filled with flavorful, tender kernels. Outstanding flavor.

American Dream (shA)
77 days. Award winner. Sweet, tender kernels of amazing quality. Easy to grow. Sturdy stalks.

80 treated seeds each

**15T. Yellow**

SS3778R (shA)
76 days. Superior germination in cold soil. Great quality. Excellent tip fill. Sturdy stalks.

Vision MXR (shA)
75 days. Long ears with tender, sweet kernels. Disease-resistant stalks. A proven performer in ND.

80 treated seeds each

**16. Ornamental**

Autumn Explosion
105 days. High yields of long ears. Kernels come in a rainbow of colors, including variegated kernels.

Fiesta
100 days. The standard for quality among early varieties. Colorful ears, many with purple husks.

80 seeds each

**17. Popcorn**

Dakota Black
100 days. Dark maroon-black kernels are beautiful and pop into a delicious treat. Compact stalks.

Robust 98114W
105 days. Vigorous stalks produce large ears of hulless, white kernels. Its popcorn is tender, light and flaky.

80 seeds each
### CUCUMBER

<table>
<thead>
<tr>
<th></th>
<th>Varieties</th>
<th>Days</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>Summer Dance</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Summer Top</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Butterhead</em></td>
<td>50</td>
<td>Dark green leaves. Resists diseases.</td>
</tr>
<tr>
<td></td>
<td><em>Buttercrunch</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.</td>
<td>Pickling</td>
<td>50</td>
<td>Early yields of fruits for pickling and fresh eating. Disease-resistant vines produce a long time.</td>
</tr>
<tr>
<td></td>
<td><em>Alibi</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Homemade Pickles</em></td>
<td>55</td>
<td>Vigorous, disease-resistant vines produce loads of crisp cucumbers ideally shaped for pickling.</td>
</tr>
<tr>
<td></td>
<td><em>Talladega</em></td>
<td>60</td>
<td>Smooth, 8-inch fruits are dark green. Disease-resistant vines produce heavy yields.</td>
</tr>
<tr>
<td>20.</td>
<td>Slicing</td>
<td>60</td>
<td>Vigorous, disease-resistant vines produce loads of crisp cucumbers ideally shaped for pickling.</td>
</tr>
<tr>
<td></td>
<td><em>General Lee</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Homemade Pickles</em></td>
<td>55</td>
<td>Vigorous, disease-resistant vines produce loads of crisp cucumbers ideally shaped for pickling.</td>
</tr>
</tbody>
</table>

### LETTUCE

<table>
<thead>
<tr>
<th></th>
<th>Varieties</th>
<th>Days</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><em>Buttercrunch</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Mirlo</em></td>
<td>52</td>
<td>Large, bright green heads are densely packed with tender, buttery leaves. Resists diseases.</td>
</tr>
<tr>
<td>22.</td>
<td>Leaf</td>
<td>51</td>
<td>Crumply leaves. Dense, full-sized heads with good flavor. Slow to bolt.</td>
</tr>
<tr>
<td></td>
<td><em>Bergam’s Green</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>51 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Salad Bowl</em></td>
<td>46</td>
<td>Long-time favorite known for its lime green, frilly, deeply cut leaves and its tolerance to heat.</td>
</tr>
<tr>
<td>23.</td>
<td>Leaf/Romaine</td>
<td>51</td>
<td>Leaves are arranged in a whorl, giving it an open, vase-like shape. Thick, flavorful leaves.</td>
</tr>
<tr>
<td></td>
<td><em>Concept</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>51 days.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Fusion</em></td>
<td>55</td>
<td>A cross between leaf and romaine types. Wavy, dark green leaves form a dense, upright head.</td>
</tr>
</tbody>
</table>

25 seeds each

40 seeds each

25 seeds each

120 pelleted seeds each

120 pelleted seeds each

120 pelleted seeds each
24. Ananas

**Dove**
70 days. Early and easy to grow. Ivory-color flesh is very sweet. Golden skin with light netting.

**San Juan**
77 days. Aromatic flesh. Disease-resistant vines set good yields. Fruits slip off vines when mature.

20 seeds each

25. Early Cantaloupe

**Goddess**
68 days. Early ripening, high quality melon. Firm, flavorful flesh. Heavy yields of 4-pound melons.

**Minnesota Midget**
70 days. Heirloom. Compact vines produce 3.5-inch-wide melons. Golden flesh and unique flavor.

20 seeds each

26. Main Cantaloupe

**Aphrodite**
72 days. Melons are 6–8 pounds and ripen early. Firm, salmon flesh is thick and sweet. Good yields.

**Athena**
75 days. Melons are 5–6 pounds with thick, orange flesh. Most popular cantaloupe in the north.

20 seeds each

27. Shell

**Bountiful Ben**
66 days. Award winner. Selected for its abundance of blossoms and its yield potential. Grows 22 inches.

**Lincoln**
65 days. Good for freezing. Pods are filled with 8–10 tender peas. Excellent flavor. Grows 28 inches.

200 seeds each

28. Snap

**Sugar Ann**
52 days. Very early. The 27-inch vines produce sweet, crisp pods. Does not require trellising.

**SL 3123**
50 days. Straight, heavy pods grow on vigorous, compact vines. Good yields produced over a long time.

200 seeds each

35. Smooth Leaf

**Seaside**
43 days. Dark green, thick, spade-shaped leaves. Plants grow upright and resist bolting.

**Space**
45 days. Grows vigorously and is slow to bolt. Medium-green leaves. Upright habit keeps leaves clean.

200 seeds each
29T. Small

**Early Abundance**
90 days. Semi-bush vines produce good yields of round, 5-pound fruits with shallow ribs.

**Neon**
75 days. Ultra early. Eight-pound, bright orange fruits with black handles. Semi-bush vines.

15 seeds each; *Early Abundance* is treated

30. Medium

**Early Dakota Howden**
90 days. An early selection of the popular ‘Howden’ variety. Bred in ND. Twenty-pound fruits.

**Early King**

15 seeds each

31. Large

**Early Giant**
95 days. Dark orange, 30-pound, slightly tall pumpkins perfect for carving. Resists mildew. Early.

**Gold Medal**
95 days. Dark orange, 35-pound fruits with thick, strong handles. Top quality. Vigorous vines.

15 seeds each

32. Orange

**Jack Be Little**
85 days. Classic mini-pumpkin. Prolific yields of bright orange, ribbed fruits on vigorous vines.

**Jill Be Little**
100 days. Long, disease-resistant vines produce lots of deep orange, 8-ounce fruits for displays.

15 seeds each

33. Striped

**Hooligan**
90 days. Speckled, 8-ounce fruits with long handles. Orange, edible flesh. Compact vines resist disease.

**Spark**
90 days. Bright bicolor skin makes great displays. Medium-long vines produce 8-ounce fruits.

15 seeds each

34. White

**Casperita**
90 days. Bright white skin, deep ribs and strong handles. White, edible flesh. Semi-bush vines.

**Gooligan**
95 days. Disease-resistant, vigorous vines produce edible pumpkins up to one pound.

15 seeds each
SUMMER SQUASH

36. Straightneck
Fortune

Multipik
50 days. Smooth, bright yellow fruits. No green streaking. Amazing yields. Great for grilling.

37. Dark Zucchini
Desert
50 days. High yields of straight fruits. Open plants make harvesting easy. Vines resist powdery mildew.

Raven
48 days. Dark green, smooth glossy fruit. Vines have an open habit. Big yields. Proven performer in ND.

38. Green Zucchini
Cashflow
45 days. Open, vigorous plants produce heavy yields of 8-inch, high quality fruits.

Spineless Beauty
50 days. Longtime favorite. Uniform fruits form on spineless, productive vines. Easy to pick.

WINTER SQUASH

39. Acorn
Bellota
75 days. Lustrous, black fruits with high quality flesh. Semi-bush vines resist disease. Long storage life.

Table Ace
80 days. Semi-bush plants produce very dark fruits filled with tasty golden flesh. Early and productive.

40. Buttercup
Bonbon
95 days. Award winner. Semi-bush vines produce reliable yields of classic cupped fruits. Superb flavor.

Sweet Mama
85 days. Award winner. Thick yellow flesh is smooth and sweet. Heavy yields on compact vines.

41. Butternut
Early Butternut
82 days. Early maturing hybrid produces good yields of delicious fruits on compact vines.

Pilgrim
85 days. Semi-bush plants set crackfree fruits with thick, meaty necks. Nutty, flavorful flesh.
WINTER SQUASH

42. Orange Kabocha Mooregold
90 days. Heirloom. Thick, orange flesh is very dry, rich and sweet. Stores well. Vigorous vines.

Sunshine
95 days. Award winner with bright scarlet flesh. Smooth, sweet and tender flesh. Vigorous, short vine. 20 seeds each

43. Red Sangria
90 days. High quality. Deep red flesh is very sweet and refreshing. Melons grow 20 pounds.

Sweet Dakota Rose
85 days. Sweet flesh with few seeds. Developed in ND. Melons grow 15 pounds. Reliable. 20 seeds each

44. Yellow Early Moonbeam
78 days. A selection from ‘Yellow Doll’. Open-pollinated type for seed saving. Proven performer.

Yellow Doll
70 days. Very early hybrid. Bright yellow flesh is crisp and very sweet. Round melons grow 8 pounds. 20 seeds each

Credits

This project is conducted for educational purposes only. No profits are made from this program. The descriptions of varieties in this catalog were obtained from catalogs of numerous companies, including Fedco, Harris, Johnny’s, Jordan, Jung, NE Seed, Osborne, Seed Savers Exchange, Territorial, Vermont Bean and Veseys. These descriptions are used for educational purposes only.

2018 Flower Trials

SUNFLOWER

48. Bicolor
Helios Flame
50 days. Golden petals with a mahogany inner ring. Stalks are filled with blooms. Ht: 45 inches.

Ring of Fire
70 days. Award winning; branching type. Nearly pollenless blooms for fall displays. Grows 45 inches tall.

49. Double-Petal
Golden Cheer
70 days. Yellow, mum-like flowers with light centers. Long stems and lasts long in a vase. Ht: 66 inches.

Goldy Double

50. Dwarf
Big Smile
55 days. Golden yellow flowers for borders or containers. Branching type. Grows 20 inches.

Orange Hobbit
55 days. Compact, 24-inch plants are covered with delightful, orange blooms. Pollenless.

51. Strawberry
Gypsy Charmer
60 days. Petals have lemon base, red mid-band and lemon tips. Pollenless. Branching; 60 inches tall.

Strawberry Blonde
55 days. Ruby red petals with light tips. Easy to grow and great for cutting. Grows 66 inches tall.

52. Red
Moulin Rouge
72 days. Popular variety with deep burgundy petals and dark discs. Pollenless. Grows 70 inches.

Red Hedge
62 days. Dark burgundy, pollenless, long lasting blooms. Ragged petals add a wild look. Grows 53 inches.

53. Tall
American Giant
72 days. Very sturdy stalks grow up to 15 feet. One-foot blooms filled with seeds for wildlife. Branching.

Titan
72 days. Giant, 24-inch-wide blooms filled with large seeds. Single-head stems grow 13 feet.
46. Striped
Candystripe
50 days. Blush white petals edged in crimson. No two blooms are alike. Grows 42 inches.

Picotee
48 days. Pure white petals are edged in rosy red. Bushy plants grow 48 inches.

47. White
Double Click
80 days. Frilly double and semi-double blooms. Great for cutting. Ferny plants grow 44 inches.

Psyche
80 days. Huge, semi-double blooms with pure white petals and golden centers. Height: 52 inches.

ZINNIA

54. Orange
Giant Dahlia Orange
82 days. Double, semidouble and single blooms. Great in the garden and for cutting. Grows 45 inches.

Orange King
77 days. Burnt orange blooms on long stems for cutting. Stunning as a garden flower. Grows 38 inches.

55. Purple
Giant Dahlia Violet
82 days. Double, semidouble and single blooms. Great in the garden and for cutting. Grows 45 inches.

Purple Prince

56. White
Giant Dahlia White
82 days. Double, semidouble and single blooms. Great in the garden and for cutting. Grows 45 inches.

Polar Bear
82 days. Pure white blooms contrast beautifully with the bright green foliage. Grows 40 inches.
Order Form

Households may participate in up to seven trials. We will not accept any orders requesting more than seven trials. Place an “X” next to the trials you want. Place a “Sub” next to a couple trials you would grow as substitutes in case your “X” choices are not available. “Sub1” may signify your first substitute and “Sub2” your second substitute. Online ordering is available.

___ #1. Bean, Dark Green Snap (Hickok, Jade II)  __ __ #29T. Pumpkin, Small (Early Abundance, Neon)
___ #2. Bean, Green Snap (B.B.Lake274, Greenfield)  __ __ #30. Pumpkin, Medium (Early Dakota Howden, Early King)
___ #3. Bean, Green Filet (Callina, Crockett)  __ __ #31. Pumpkin, Large (Early Giant, Gold Medal)
___ #4. Bean, Green Pole (Blue Lake S-7, Seychelles)  __ __ #32. Pumpkin, Mini Orange (Jack Be Little, Jill Be Little)
___ #5. Bean, Vegetable Soybean (Midori Giant, Tohya)  __ __ #33. Pumpkin, Mini Striped (Hooligan, Spark)
___ #6. Bean, Yellow Filet (Borsalino, Soleil)  __ __ #34. Pumpkin, Mini White (Casperita, Googilgan)
___ #7. Beet, Gold (Boldor, Golden Detroit)  __ __ #35. Spinach, Smooth Leaf (Seaside, Space)
___ #8. Beet, Red (Boro, Merlin)  __ __ #36. Squash, Straightneck (Fortune, Multipik)
___ #9. Beet, Red Canning (Cylindra, Taunus)  __ __ #37. Squash, Dark Green Zucchini (Desert, Raven)
___ #10. Carrot, Early (Napoli, Yaya)  __ __ #38. Squash, Green Zucchini (Cashflow, Spineless Beauty)
___ #11. Carrot, Full-Season (Goldfinger, Rodelika)  __ __ #39. Squash, Winter Acorn (Bellota, Table Ace)
___ #12. Carrot, Yellow (Yellowbunch, Yellowstone)  __ __ #40. Squash, Winter Buttercup (Bonbon, Sweet Mama)
___ #13T. Corn, Bicolor Early (Sweetness, Temptation)  __ __ #41. Squash, Winter Butternut (Early Butternut, Pilgrim)
___ #14T. Corn, Bicolor Super Sweet (Aces, Amer. Dream)  __ __ #42. Squash, Winter Kabocha (Mooregold, Sunshine)
___ #15T. Corn, Yellow (SS3778R, Vision MXR)  __ __ #43. Watermelon, Red (Sangria, Sweet Dakota Rose)
___ #16. Corn, Ornamental (Autumn Explosion, Fiesta)  __ __ #44. Watermelon, Yellow (Early Moonbeam, Yellow Doll)
___ #17. Corn, Popcorn (Dakota Black, Robust 98114W)  __ __ #45. Cosmos, Pink (Apollo, Sonata)
___ #18. Cucumber, Burpless (Sum. Dance, Sum. Top)  __ __ #46. Cosmos, Striped (Candystripe, Picotee)
___ #19. Cucumber, Pickling (Alibi, Homemade Pickles)  __ __ #47. Cosmos, White (Double Click, Psyche)
___ #20. Cucumber, Slicing (General Lee, Talladega)  __ __ #48. Sunflower, Bicolor (Helios Flame, Ring of Fire)
___ #21. Lettuce, Butterhead (Buttercunch, Mirlo)  __ __ #49. Sunflower, Double-Petal (G. Cheer, G. Double)
___ #22. Lettuce, Leaf (Bergam’s Green, Salad Bowl)  __ __ #50. Sunflower, Dwarf (Big Smile, Orange Hobbit)
___ #23. Lettuce, Leaf/Romaine (Concept, Fusion)  __ __ #51. Sunflower, Strawberry (Gypsy Charmer, Straw. Blonde)
___ #24. Melon, Ananas (Dove, San Juan)  __ __ #52. Sunflower, Red (Moulin Rouge, Red Hedge)
___ #25. Melon, Cantaloupe Early (Goddess, MN Midget)  __ __ #53. Sunflower, Tall (American Giant, Titan)
___ #26. Melon, Cantaloupe Main (Aphrodite, Athena)  __ __ #54. Zinnia, Orange (Giant Dahlia Orange, Orange King)
___ #27. Pea, Shell (Bountiful Ben, Lincoln)  __ __ #55. Zinnia, Purple (Giant Dahlia Violet, Purple Prince)
___ #28. Pea, Snap (SL3123, Sugar Ann)  __ __ #56. Zinnia, White (Giant Dahlia White, Polar Bear)

PLEDGE

I promise to manage my trials in a responsible manner. I will grow the seeds, evaluate the varieties and submit my results promptly.

Signature: _________________________________________________________

Name: _________________________________________________________

Address: _________________________________________________________

Email: _________________________________________________________

Phone (optional): _________________________________________________________

PAYMENT

Seed trials ($1.00 each) __________

Subtotal __________

Shipping __4.00__

Total __________

Checks should be addressed to “NDSU” and mailed to: NDSU Extension; Attn: Tom Kalb; 2718 Gateway Ave., Suite 304; Bismarck, ND 58503. You may order online at www.ag.ndsu.edu/homegardenvarietytrials/.

Note: “T” after number of trial indicates at least one variety is treated with fungicide and sometimes an insecticide to protect seedlings.
# Cantaloupe Variety Trial

<table>
<thead>
<tr>
<th>Which variety:</th>
<th>Apollo</th>
<th>Zeus</th>
<th>Same</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germinated best?</td>
<td></td>
<td>X</td>
<td></td>
<td>Both had near 100% germination, but Zeus seedlings showed more vigor</td>
</tr>
<tr>
<td>Had healthier plants?</td>
<td></td>
<td>X</td>
<td></td>
<td>Apollo vines turned gray in fall</td>
</tr>
<tr>
<td>Produced the first ripe melons?</td>
<td></td>
<td></td>
<td>X</td>
<td>Three days earlier than Zeus</td>
</tr>
<tr>
<td>Produced higher yields?</td>
<td></td>
<td>X</td>
<td></td>
<td>Zeus produced 10 good melons; Apollo produced only 6</td>
</tr>
<tr>
<td>Had more attractive melons?</td>
<td></td>
<td></td>
<td>X</td>
<td>Zeus had larger fruits and brighter orange flesh</td>
</tr>
<tr>
<td>Tasted better?</td>
<td></td>
<td></td>
<td>X</td>
<td>Zeus was heavenly; Apollo was not quite as sweet</td>
</tr>
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</table>

## Overall Performance Rating

<table>
<thead>
<tr>
<th></th>
<th>Apollo</th>
<th>Zeus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate each variety on a scale of 1 to 10, with 1 = poor and 5 = good and 10 = excellent. <em>Don’t give both a “10”. Be very critical!</em></td>
<td>5</td>
<td>9</td>
</tr>
</tbody>
</table>

## Preference

Circle the variety you prefer. *Don’t circle both—make a choice!*  
Apollozosus

Please state the reason(s) for your preference:
Zeus was outstanding. Good yields of large, sweet fruits. The vines looked healthy all summer. Apollo ripened early, but the vines were weak and the melons tasted bland.

## Recommendation

Circle the varieties you recommend for North Dakota gardeners:

Apollo  
Zeus  
Both  
Neither

Please write any additional comments on back. They are very helpful!

Send to Tom Kalb, NDSU-Extension, 2718 Gateway Ave., Suite 304, Bismarck, ND 58503.  
E-mail: <tom.kalb@ndsu.edu>.  
*Thanks for your participation!*  

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**Trial #00 (Example)**

Gardener Name: Jenny Gardener  
County: Golden Valley  
Date Sown: May 30