

New and Promising Vegetable Varieties for 2026



Upcoming Webinars

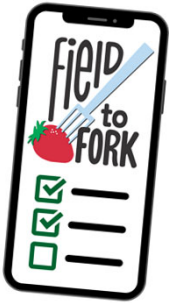
- **February 25 - The prepared consumer: From grocery aisle to emergency plan**
Cindy Brison, University of Nebraska Extension educator
- **March 4- Food preservation all year - Fruit leathers, apple chips, jerky and more!**
Julie Garden-Robinson, NDSU Extension food and nutrition specialist and professor

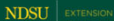


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- **Please complete the short online survey** that will be emailed to you after today's webinar. It will take just a couple minutes!
- Be sure to sign up for an opportunity to win a prize in the drawing. After submitting the survey, a form to fill out with your name/address will appear.

Acknowledgement: This project was made possible with funding from the North Dakota Department of Agriculture through the U.S. Department of Agriculture's Specialty Crop Block Grant program. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the USDA.





Feb. 18

New and promising vegetable varieties for 2026

Tom Kalb, NDSU Extension area specialist – horticulture









2026

Field to Fork

www.ag.ndsu.edu/food

EXTENDING KNOWLEDGE >> CHANGING LIVES

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2026

FIELD to FORK

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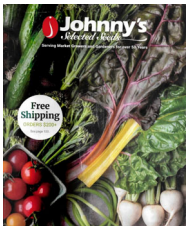




New and Promising Vegetable Varieties for 2026

Catalogs

- Johnny's Selected Seeds
- Osborne Quality Seeds
- Harris Seeds
- Prairie Road Organic Seeds
- High Mowing Seeds
- Pinetree Seeds



PEPPERS

Peppers
Capiscum annuum unless otherwise noted

CULTURE: Peppers thrive in well-drained, fertile soils with a pH of 6.5. Abundant phosphorus and calcium is needed for the best results.

GROWING SEEDLINGS: Sow seed in 20-row or shallow flats, 4 seeds/in., 1/4" deep, in late March or about 8 weeks prior to transplanting. If possible, maintain soil temperatures at 80–90°F (21–32°C). Pepper seeds germinate very slowly in cooler soil. When the first true leaves appear, transplant seedlings into 2" cell-type containers or 4" pots. Grow plants at approx. 70°F (21°C) day and 60°F (16°C) nights.

COLD TREATMENT: Exposing the seedlings to controlled cold treatments can increase the number of flowers and fruits. When the third true leaf appears, grow the plants at a minimum night temp. of 53–55°F (12–13°C) for 4 weeks. The plants should receive full sunlight. After 4 weeks adjust temp. to 70°F (21°C) day and night. If this technique is used, peppers should be seeded 1–2 weeks earlier than usual.

TRANSPLANTING: Transplant out after frost when the soil is warm and weather is settled. Ideal seedlings have buds, but no open flowers. Set plants 12–18" apart in rows, 24–36" apart, or 2 rows in polytunnel mulch, 18" between plants. Water in transplants using a high phosphorus solution.

Bel

Green to Red
Acce (F1) 574 50 days green; 70 days red ripe.

Ninja (F1) 3418 60 days green; 80 days red ripe. (HR: BLS 1-10.)

Resistant to bacterial leaf spot 1–10. In addition to its excellent disease package, Ninja is mid-early with a high yield potential of large, high-quality fruits. The large plants form a good canopy to protect the fruits from sunscald.

Pkt \$5.10; 100 Seeds \$19.75; 250 Seeds \$31.20; 1,000 Seeds \$100.65; 5M @ \$98.83/M.

Intruder (F1) 3921 62 days green; 82 days red ripe. (HR: BLS 1-3, TEV; TMV; IR; PC.)

Phytophthora resistance. Intruder has an excellent disease package including intermediate resistance to *Phytophthora*. Fruits are large, blocky, and have thick walls. Plants are medium-large with a good canopy to minimize sunscald. Well-adapted to the Northeast but also performs well in the Midwest. PKT \$4.55; 100 Seeds \$17.03; 250 Seeds \$29.54; 1,000 Seeds \$86.74; 5M @ \$85.16/M.

Olympus (F1) 2244 65 days green; 85 days red ripe. (HR: BLS 1-3.)

Large bell peppers. Widely adapted, Olympus has performed well in the South as well as warmer regions in the North. Medium-size

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X3R® Red Knight

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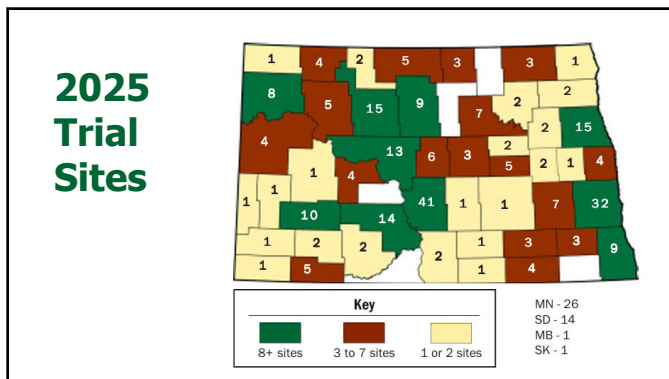
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Superior Varieties

- Early maturing (100 days or less)
- Flavorful
- Resist diseases
- Productive
- Locally adapted

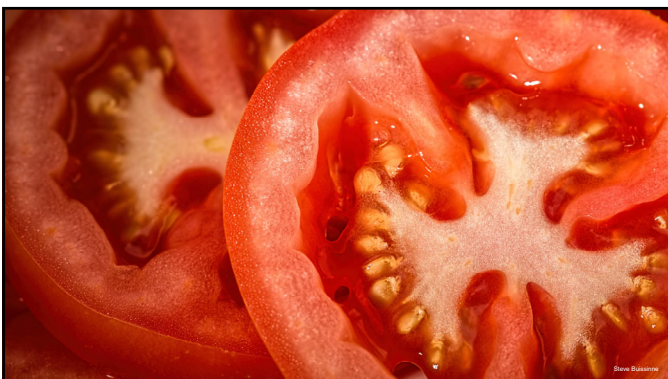
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Tomato Vine Types

- **Determinate**
 - Compact vines
 - No pruning required; trellising optional
 - Early and concentrated yields
- **Indeterminate**
 - Tall, climbing vines
 - Requires pruning and trellising
 - Extended harvest

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Popular Tomato Varieties

- **Early Girl (I)** – early
- **Celebrity (D)** – reliable
- **Big Beef (I)** – beefsteak
- **Mountain Fresh Plus (D)** – fresh market

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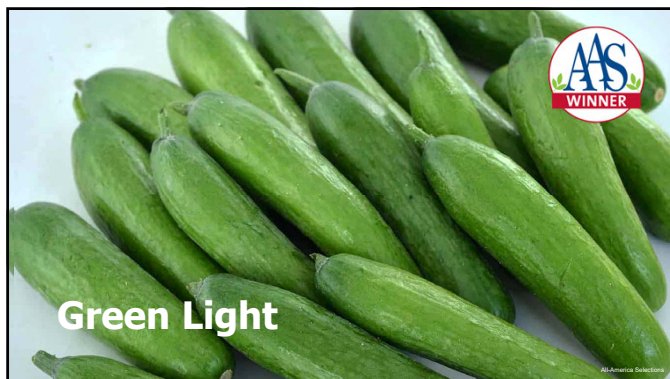








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