

Vegetable Varieties

FOR MINNESOTA



"Ruby Queen Beets"

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Agricultural Extension Service
U. S. DEPARTMENT OF AGRICULTURE

Vegetable Varieties

Each year the Minnesota Agricultural Extension Service conducts vegetable variety trials in cooperation with both home and commercial gardeners around the state. Both new and old varieties may be included, because it may take several years of testing before we can judge the dependability of a variety for a certain area.

This folder summarizes the observations made during 1957. The map shows the location of the 1957 test plots. All varieties discussed are available from seedsmen, but no one seed company will have all of them.

Also included is a suggested list of varieties that have been tested and found suitable for Minnesota. Special emphasis is given to those suitable for freezing. There may be other acceptable varieties which are not on this list, because they have not yet been tested or are not as yet generally available from seedsmen.

Varieties Tested in 1957

SNAP BEANS

Pearlgreen—A new All-America award winner in 1958. It is a mosaic-resistant variety quite similar to Tendergreen but white-seeded at maturity. This makes it suitable for dry shell beans if you don't get to harvest all of the pods at the young snap stage. It produces good yields of high-quality beans. The pods are held up off the ground by vigorous husky vines. Pods are light green, straight, and round. Co-operators generally rated this new variety high for Minnesota gardens.

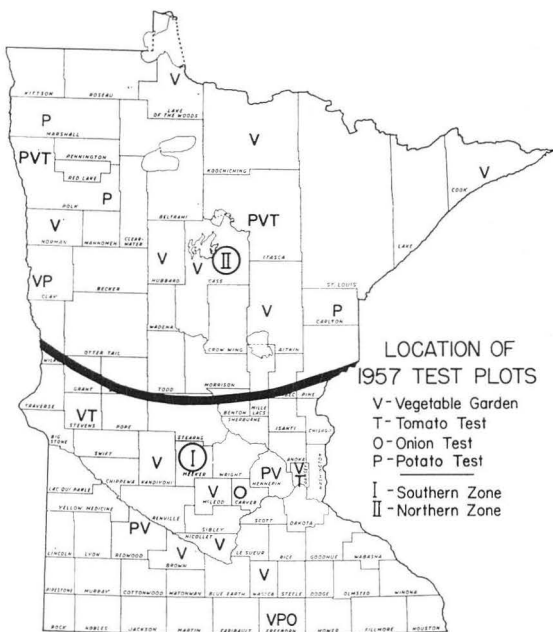
Greencrop—Another variety receiving the All-America award in 1957. Of special interest is its earliness and quickness to bear fruit. The pods are extra-long, dark green, straight, and flat. Testers reported excellent quality, but the yielding ability did not come up to Tendergreen.

Tendergreen Improved—One of the most popular green varieties available. The mosaic-resistant plants are vigorous and productive. Pods are dark green, long, and round. They are firm but still very tender

and brittle. It rated highest in yield and quality of all bean varieties tested in 1957. It appears to be one of the most dependable varieties for both home and market gardens.

Logan—An older variety that has no disease resistance but has produced good yields of excellent quality in the past. Most cooperators indicated quality to be fair but not equal to the newer, more productive varieties tested.

Brittle Wax—An older variety of a yellow-podded bean. Pods are a lemon yellow, round, and slightly curved. Quality and productiveness were rated good.



BEETS

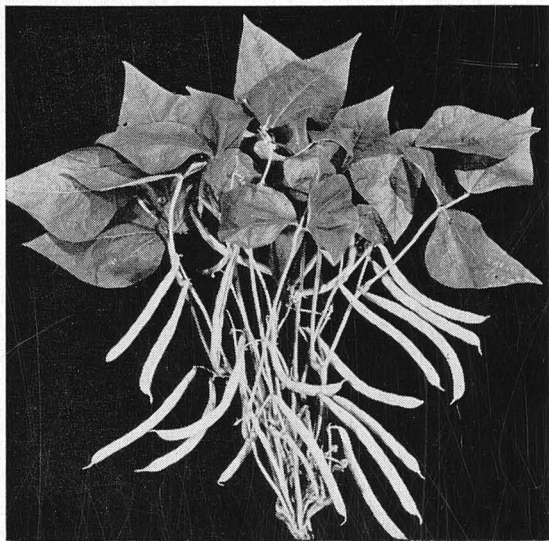
Ruby Queen—An All-America award winner this year. Roots are globe-shaped with bright red skin. Interior is solid deep red with no conspicuous rings. The roots grow rapidly and reach usable size earlier than other varieties. The tops are very short, arising from small compact crowns. Leaves are dark green but turn red rather easily. Many gardeners reported favorable results with this variety but showed preference for King Red.

King Red—An excellent variety selected from Perfected Detroit. Roots are globe-shaped, smooth-skinned, and dark red. Interior is very dark red and uniform throughout. Tops are short but still slightly longer than Ruby Queen. As in past trials, this variety appears to be preferred by most gardeners testing it.

CARROTS

Gold Pak—A new long, slim carrot with deep orange color both inside and out. It appeared to be the latest of the three varieties tested. It requires a deep, loosely worked soil for best development of the long narrow roots. About half of the cooperators indicated unfavorable results with this variety.

Scarlet Nantes—An old variety which has become one of the most popular of all the carrots grown. It is one of the earliest and sweetest varieties. Roots are long, cylindrical, and stump-rooted. It rated high in test plots in 1957.



Pearlgreen Snap Bean

Varieties Suggested for Minnesota Home Gardens

ASPARAGUS—Washington,* F₁ Hybrid*
 BEANS, DRY OR FIELD—Great Northern, Michelite, Red Kidney
 BEANS, LIMA—Triumph,*† Henderson,† Burpee's Improved*†
 BEANS, POLE—Kentucky Wonder*
 BEANS, GREEN BUSH—Topcrop,* Tendergreen,* Contender,
 Wade*
 BEANS, YELLOW BUSH—Cherokee,* Pencil-Pod Black Wax,*
 Brittle Wax*
 BEETS—King Red,* Perfected Detroit,* Early Wonder
 BROCCOLI—Italian Green Sprouting (Calabrese), Waltham 29*
 BRUSSELS SPROUTS—Long Island Improved*
 CABBAGE—*early*—Golden Acre, Wisconsin Golden Acre (yel-
 lows resistant), Resistant Detroit (yellows resistant), Red
 Acre; *late*—Hollander Short Stem, Penn State Ballhead,
 Danish Ballhead, Wisconsin Hollander (yellows resistant)
 CABBAGE, CHINESE—Chihili, Michihili
 CARROTS—Nantes,* Royal Chantenay,* Danvers Half Long,
 Imperator*
 CAULIFLOWER—Snowball,* Super Snowball*
 CELERY—Golden Self Blanching, Utah
 CORN, SWEET—*early*—Golden Rocket, Sugar and Gold*;
mid-
season—Golden Freezer,*† Golden Cross Bantam*†
 CUCUMBERS, PICKLING—Chicago Pickling, York State Pickling,
 Mincu
 CUCUMBERS, SLICING—Burpee Hybrid, Hybrid C, Marketer
 EGGPLANT—Black Beauty,*† New Hampshire*
 ENDIVE—Green Curled
 KALE—Dwarf Curled*
 KOHLRABI—Early White Vienna,* Purple Vienna*
 LETTUCE, HEAD—Pennlake, Premier Great Lakes
 LETTUCE, LEAF—Grand Rapids, Black Seeded Simpson, Slobolt

MUSKMELON—*early*—Minnesota Midget,‡ Far North; *midsea-*
son—Iroquois,*† Minnesota Honey,† Delicious 51†
 ONION—Early Yellow Globe, Brigham Yellow Globe, Utah Sweet
 Spanish
 ONION, PERENNIAL—White Welsh, Egyptian
 PARSLEY—Dark Moss Curled
 PARSNIPS—Improved Hollow Crown,* All American*
 PEAS—*early*—Little Marvel,* Laxtons Progress,* Burpeana Early
 Dwarf*;
midseason—Wando, Lincoln,* Dark Seeded Perfec-
 tion*
 PEPPERS—Sunnybrook, Wisconsin Lakes, Calwonder,† Long Red
 Cayenne†
 POPCORN—Minhybrid 250†
 POTATOES—*early*—Red Warba, Waseca, Irish Cobbler; *midsea-*
son—Cherokee, Kennebec, Red Pontiac
 PUMPKIN—Sugar Pie, Jack-o-Lantern
 RADISH—Cherry Belle, Early Scarlet Globe, Comet, Cavalier,
 White Icicle
 RHUBARB—Valetine,* MacDonald Crimson,* Chipman's Canada
 Red*
 RUTABAGA—Laurentian
 SPINACH—Bloomsdale Long Standing,* America,* New Zealand*
 SQUASH, SUMMER—Black Zucchini,* Early Prolific Straightneck*
 SQUASH, WINTER—Buttercup,* Hybrid R.,* Greengold,* Table
 Queen, Butternut*
 SWISS CHARD—Lucullus, Rhubarb
 TOMATO—*early*—Fireball,‡ Firesteel, Hybrid E; *midseason*—
 Stokesdale, Pritchard†; *late*—Marglobe,† Rutgers†
 TOMATO, YELLOW—Jubilee
 TURNIP—Purple Top White Globe
 WATERMELON—New Hampshire Midget, Northern Sweet, Early
 Kansas,† Kleckley Sweet†

* Suitable for freezing. † For region I only. ‡ For region II only. See the map in this folder of the 1957 test plot locations.

Touchon—Another old variety very similar to Nantes in shape, but longer and later in maturity. Most gardeners scored it high in yield and quality.

CUCUMBERS

Ashley—A new introduction from South Carolina with resistance to downy mildew disease. It is earlier than Marketer and appears to be highly productive in Minnesota. Fruits are slim and have a slight taper toward the stem end. Color is an attractive glossy, dark green.

Smoothie—A new variety introduced last year as an All-America award winner. As the name would indicate the fruits are silky smooth—without warts or spines. It appears to be more of a novelty item, and gardeners rated it low as a desirable variety for Minnesota gardens.

Marketer—One of the most dependable varieties of slicing cucumbers for home and market. Although not disease-resistant, it produces excellent yields of attractive dark green fruits. The long slender fruits are symmetrically tapered at both ends. It was rated best by most of the cooperators.

LETTUCE

Slobolt—A loose leaf variety that is similar to Grand Rapids but remains productive when other varieties go to seed in hot weather. Gardeners showed little preference for one variety over the other.

Grand Rapids—A popular loose leaf variety producing light green, broad, heavily fringed leaves. Reports indicated it was slightly earlier than Slobolt.

MUSKMELON

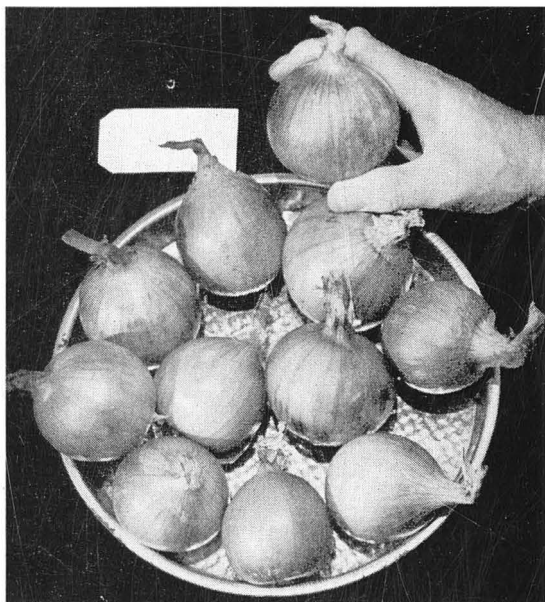
Faribo Supermarket Hybrid—A true first generation hybrid with resistance to Fusarium Wilt and Downy Mildew. Fruits are large and round, averaging 4-5 pounds each. Flesh is thick, sweet, and deep salmon color. It appeared to be too late for northern Minnesota. Where it matured, cooperators liked it.

ONION

Indian Queen—A new open-pollinated variety in the Downing Yellow Globe class. The dark yellow scales adhere well in storage. Yielding ability and keeping quality are good.

Elite—A hybrid onion between Early Yellow Globe and Brigham Yellow Globe. It has been one of the highest yielding hybrid onions tested. Bulbs are attractive in shape and color and show good keeping quality.

Epoch—Another hybrid of Brigham Yellow Globe with attractive bulbs and excellent storage quality. Yields in Minnesota trials have not been as high as with some of the other hybrids.



Indian Queen Onion

POTATO

Tawa—A new early white variety with resistance to mosaic, late blight, and common scab. Tubers are smooth with shallow eyes. Cooking quality is excellent.

Norland—A new early red variety with smooth tubers that have a good distribution of shallow eyes. It matures along with Waseca and Red Warba. It appears to be more tolerant of common scab including russet scab than Red Pontiac. Cooking quality is good.

RADISH

Champion—A 1957 All-America award winner that produces round bright radishes that resemble

Comet but grow larger in size. Quality is mild and flesh is firm and free of pithiness, even when the roots reach the size of a silver dollar. Most of the cooperators rated this variety as excellent.

Comet—An old variety with high quality that remains longer than other older varieties. Very similar to Champion except smaller. Most gardeners liked Comet, although some indicated preference for Cherry Bell.

White Snoball—A new globe-shaped radish with white skin. It did not score as high as red varieties tested in 1957 trials.

SQUASH

Hybrid R—An excellent quality, small-fruited squash for the home garden or market. It is a true first generation hybrid with bright orange turban-shaped fruits. The flesh is thick and sweet with excellent texture. Gardeners have rated this hybrid highest for earliness, quality, and yield in Minnesota trials during the last seven years.

New England Blue Hubbard—An extra large squash with blue-gray skin color. The flesh is very thick and deep yellow color. Storage quality is excellent. It appears to be too late for northern Minnesota. Gardeners also indicated preference for smaller fruited varieties. For market purposes, however, there appears to be a demand for this variety.

SWEET CORN

Morning Sun—This new hybrid has been tested for two years with favorable results. The stalks grow to 5 to 6 feet and appear to resist lodging. Ears have 14 rows of deep kernels that have excellent quality. It is not as early as Earliest Market King and Sugar and Gold but cooperators liked the larger ears.

Sugar King—Another new hybrid, maturing about one week later than Morning Sun. Plants are taller and ears are large with deep, narrow kernels. Quality and yield rated high.

Golden Beauty—An All-America selection in 1955 that has been tested for two years and has received favorable reports from all parts of the state. Husks are dark green and remain tight at the tips. Ears are 8-9 inches long and have 8-10 straight rows of deep kernels.

Earligolden 113—The earliest hybrid of the four tested in 1957. Ears are 8-10 inches long. Yield and quality rated high at most locations.

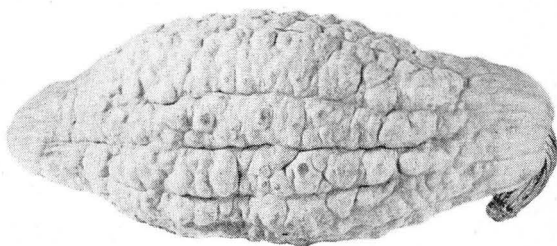
TOMATO

Polaris—An F_1 hybrid that produces a medium size fruit with good quality. Gardeners have liked its productiveness, uniformity, and mildness.

Glamour—A new midseason variety that shows resistance to fruit cracking. Although it colors well from the inside, the exterior is slow to color to a bright red.

Moreton Hybrid—A very early F_1 hybrid that continues to be well adapted to Minnesota gardens. The vines are vigorous and produce large clusters of tomatoes over a long period. The interior of the fruit is thick walled and meaty.

Big Boy—A large fruiting F_1 hybrid tomato with smooth globe shaped fruits. Fruits are heavy and firm with thick walls. It is not as early as Moreton—but the productiveness, fruit size, and quality have contributed towards making this hybrid one of the most popular in Minnesota.



New England Blue Hubbard Squash

Bounty x Earliana—An experimental hybrid which has been one of the earliest and highest yielding strains tested. Fruits are of medium size and mild quality. Seed of this hybrid is not produced commercially at present, but the performance during the past few years may encourage seed companies to offer it for sale.

Fireball—An extra-early variety that is especially well adapted to the north. Fruit size is small to medium but clusters are large. As the season progresses the yield and quality drop off noticeably.

WATERMELON

Sugar Baby—A new melon producing small fruits of excellent quality. Unlike other midget melons, this variety has a thick rind and has fewer seeds that are smaller in size. Flesh is firm and solid. Most cooperators reported favorable results, except in the extreme northern part of the state.

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