CC178 Revised 1961 Recommended Crop Varieties for Nebraska in 1961

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Recommended Crop Varieties

for

NEBRASKA in 1961

- SMALL GRAINS
- SORGHUMS
- SOYBEANS
- LEGUMES
- GRASSES
- CORN

EXTENSION SERVICE — UNIVERSITY OF NEBRASKA
COLLEGE OF AGRICULTURE and U.S. DEPARTMENT OF
AGRICULTURE COOPERATING
E. W. Janike, Director
Crop Varieties for Nebraska in 1961

(LISTED ALPHABETICALLY)

Varieties named are considered to be best available for production in 1961

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<th>Cropping district</th>
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¹ For both irrigated and non-irrigated land. ² For irrigated land only. ³ For non-irrigated land. ⁴ Primarily for irrigated land.

Extension Service, University of Nebraska College of Agriculture, Lincoln,
Choose Recommended Varieties
Clean and Treat All Grain Crop Seeds

Know the Seed You Plant! State Certified
Assures Genetic Purity and Quality

For seed source see your County Agent or write
Agricultural Extension Service, College of Agriculture, Lincoln, Nebraska

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**Sweet Clover**
- Evergreen
- Red

**Red Clover**
- Kenland
- Midland

**Other Crops**
- **CROP AND VARIETY**
- **AREA OF STATE ADAPTATION**
- **Birdsfoot Trefoil**
  - Empire
  - Eastern
- **Lespedeza**
  - Iowa 6
  - Southeast
- **Rye**
  - Balbo
  - Southern
  - Pierre
  - Entire
- **Safflower**
  - N 10
  - West
- **Spring Wheat**
  - Lee
  - West & NC
  - Rushmore
  - West & NC
  - Selkirk
  - West & NC
- **Sudan**
  - Piper
  - Entire
  - Wheeler
  - Entire
- **Vetch**
  - Madison
  - Entire
- **Winter barley**
  - Chase
  - SW, SC & SE
  - Dickto
  - SW, SC & SE
  - Kearney
  - SW, SC & SE
- **Grass—Seed of the following recommended grass varieties is available. Consult your County Agricultural Agent or SCS Technicians for specific recommendations.**
- **Cool-season grasses**
  - Lincoln bromegrass
  - Lyon bromegrass
  - Lancaster bromegrass
  - Joredre reed canarygrass
  - Nebr. 50 intermediate wheatgrass
  - 98526 tall wheatgrass
  - Nordan crested wheatgrass
  - Vinall Russian Wildrye—West & North 1/2 of NC
- **Warm-season grasses**
  - Nebr. 27 sand lovegrass
  - Nebr. 28 switchgrass
  - Trailway sideoats grama—S & E
  - Butte sideoats grama—N & W
  - Kaw big bluestem—SE
  - Holt Indiangrass—Sandhills & Adjacent Areas

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**Corn—Experiment Station Hybrids**
- **Zone I dryland and Zone II irrigated**
  - Early
    - Nebr. 501
    - Nebr. 501D
    - Nebr. 502
    - Nebr. 504
    - Nebr. 505W
    - Nebr. 506
- **Zone II dryland and Zone III irrigated**
  - Early
    - Nebr. 301
    - Nebr. 302
    - Nebr. 401
    - Nebr. 402
- **Zone III dryland**
  - Midseason
    - Nebr. 501
    - Nebr. 501D
    - Nebr. 502
    - Nebr. 504
    - Nebr. 505W
    - Nebr. 506
  - Full season
    - Nebr. 703
    - AES 802
    - AES 803
    - AES 806
    - Nebr. 704
    - Nebr. 801W
    - Nebr. 804
    - Nebr. 805
- **Zone IV**
  - Full season
    - Nebr. 501
    - AES 802
    - AES 803
    - AES 806
    - Nebr. 703
    - Nebr. 603
    - Nebr. 505W
    - Nebr. 506

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NEW FOR NOW

Omaha Wheat—A new winter wheat for our three eastern cropping districts. Omaha has the resistance to shattering and the winterhardiness of Nebred coupled with the high yielding ability of Pawnee. It is resistant to soil borne mosaic. Its milling and baking qualities are somewhat better than those of Pawnee.

Ottawa Wheat—A Kansas wheat released in Kansas and Nebraska in the fall of 1960. Ottawa combines resistance to hessian fly, leaf rust, race 56 stem rust, and soil borne mosaic with stiff straw. Other important characteristics—slightly earlier than Nebraska variety, resistance to shattering, and satisfaction with the end use qualities. The yield of Ottawa is on the average equal to Pawnee but tends to fluctuate more from season to season. It is susceptible to bunt, loose smut, and streak mosaic. Ottawa is slightly less winter hardy than Pawnee.

Warrior Wheat—A new winter wheat for the Nebraska panhandle. Warrior is short, with high straw strength, and is high yielding, slightly earlier than Nebraska, more resistant to shattering than Cheyenne, and resistant to the western strain of hessian fly. In baking quality it is equal to Nebred.

Liberty Barley—Liberty is a six-row spring barley released by South Dakota in 1957. In northeast Nebraska it has outyielded Custer by 10 to 20% from 1957 to 1960. Liberty is slightly later than Custer and has a heavier test weight. It has considerable resistance to downy mildew.

Chase Barley—Chase (C.I. 9551) is a new winter barley variety released by the Nebraska Experiment Station for fall planting in 1961. In most yield tests it has been equal to or superior to Kearney. The straw strength is definitely superior to Kearney and Dicktoo but it still leaves much to be desired. Chase winterhardiness approaches but does not equal that of Kearney or Dicktoo. Grain quality is similar to these two varieties. The awns of Chase begin to shed one to two weeks before harvest which leaves the spikes almost completely awnless in some seasons.

Nehawka Oats—A high quality, ivory colored selection from Cherokee. It is slightly shorter and earlier than Nemaha. In test weight, straw strength, and grain characteristics it is similar to Nemaha and Cherokee; however, it is superior in yield. It is recommended for all of Nebraska except the northeast cropping district.

RS 681 Hybrid Grain Sorghum—RS 681 is a short, stiff-stalked hybrid suitable for production on irrigated land only. It is slightly later than Martin. Grain color and test weight are excellent. RS 681 does not yield with RS 810 but because of its better standability, moderate resistance to head smut could give more bushels in the bin.

Lindarin Soybeans—An early maturing variety which should replace much of the Blackjack and Harosoy acreage in northeast Nebraska. In tests Lindarin has averaged three to four more bushels of beans per acre. Lindarin stands better but is shorter than Harosoy.

Shelby Soybeans—Shelby is a sister strain of Ford and Clark. It is five days earlier than Clark and one day later than Ford. Shelby is similar to Ford in other characteristics. It has outyielded Ford by one bushel per acre in southeast Nebraska, however in other areas it does not appear to be as well adapted.

Nebr. 302 Hybrid Corn—An improved version of Nebr. 301. Inbred line N6D replaces line N6. The results—3 bushels per acre increase in yield, lower moisture at harvest, increased stalk strength, and reduced ear dropage.

Nebr. 508 Hybrid Corn—A single cross type hybrid. Nebr. 508 has an exceptionally high degree of plant uniformity and other characteristics which make it a highly attractive hybrid. Its yield record is slightly better than Nebr. 501D.

Nebr. 704 Hybrid Corn—A full season hybrid genetically similar to Ohio C92. Two of the inbreds lines going into Ohio C92 have been improved which gives Nebr. 704 higher yielding ability and improved stalk strength.

Nebr. 804 Hybrid Corn—A full season hybrid genetically similar to US 13. Two of the RS 13’s inbred lines have been improved which gives Nebr. 804 higher yielding ability, greater stalk strength, and reduced ear dropage.

Nebr. 805 Hybrid Corn—Basically, Nebr. 805 is an improved Nebr. 701. Two inbred lines of Nebr. 701 have been improved which gives Nebr. 805 higher yielding ability and slightly later maturity.

Vernal Alfalfa—Vernal is recommended for all of Nebraska except under irrigation and subirrigation in the central and southwest parts of the state. Vernal is winter hardy, resistant to bacterial wilt, and produces excellent yields of high quality forage.

Goldtop Sweet Clover—Seedling and second-year vigor is excellent. Goldtop is equal to or better than other yellow blossom varieties for soil improvement and superior for forage production. The area of adaptation is the same as for Madrid.

Vinall Russian Wildrye—Vinall is best suited for fine textured, silty clay soils in northwest and north central Nebraska. It is a highly palatable cool season grass which maintains excellent production throughout the summer season.

Holt Indiangrass—Holt is a moderately early maturing warm season grass suitable for production in the Nebraska Sandhills and adjacent areas. It may be grown in either pure stands or mixtures.

Butte Sideoats Grama—Butte is a winter hardy, long-lived, relatively early maturing variety for planting in the northern and western portions of the state. It has excellent seedling vigor and produces good seed crops in areas with short growing seasons.

Trailway Sideoats Grama—Trailway is a late maturing, winter hardy and long-lived variety. It is best adapted to the southern and eastern areas of Nebraska. It requires the entire growing season in these areas for seed production. Trailway should be used for upland plantings.