Field Crop Varieties Recommended in South Dakota for 1981

Cooperative Extension South Dakota State University

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Website: extension.sdstate.edu
Phone: 605-688-4792
Email: sdsu.extension@sdstate.edu

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Field Crops

Varieties Recommended in South Dakota for 1981

Cooperative Extension Service
South Dakota State University
U.S. Department of Agriculture
Field Crop Varieties Recommended in South Dakota for 1981

Don Reid, Extension agronomist—crops

Crop adaptation areas (see map) are based on soil type, elevation, temperature, and rainfall. These factors largely determine the type of agriculture within each area.

Varieties are recommended on the basis of length of growing season, average rainfall, disease frequency, economic factors, and farming practices. An individual farm, because of its location or its operator's management skills, may more closely resemble conditions in a different area. Recommendations should be considered in that light.

Varieties are listed alphabetically and not in order of preference. Those listed as ‘acceptable’ or ‘promising’ do not have enough supportive South Dakota research data to warrant recommendation. Varieties which yield well but have a weakness such as straw strength, quality, or disease resistance are also listed as acceptable.

Detailed information on varieties and yields is available from your county Extension agent and the following publications: FS 308, grain sorghum; FS 383, spring wheat; FS 384, oats; FS 488, flax; and B 661, barley.

Certified seed is your best source of seed, and the only way you can be assured of the actual identity of the variety you purchase.

### WINTER WHEAT

**Recommended**

- Agate
- Bennett
- Buckskin
- Centurk
- Gent
- Rall
- Sage
- Scout 66
- Winoka

**Acceptable/Promising**

- Dawn
- Eagle
- Lancer
- Rita
- Roughrider

Winter wheat production in B1, B2, C1, D1, D2, and D3 entails somewhat more risk and affects variety selection. The choice of cultural practices is as important as the choice of varieties.

### SPRING WHEAT

**Recommended**

- Angus
- Butte
- Era
- Eureka
- James
- Len
- Olaf
- Protor
- Solar

**Acceptable/Promising**

- Aim
- Fortuna

### DURUM WHEAT

**Recommended**

- Botno
- Crosby
- Rolette
- Ruby
- Ward

**Acceptable/Promising**

- Edmore
- Vic

### OATS

**Recommended**

- Burnett
- Chief
- Lancer
- Lyon

**Acceptable/Promising**

- Chief
- Lyon

### BARLEY

**Recommended**

- Glenn
- Larker
- Morex
- Park
- Primus II

**Acceptable/Promising**

- Beacon

(Larker, Beacon, Morex, Park, and Glenn are approved for malting)

### SOYBEANS

**Recommended**

- Corsoy & Corsoy 79
- Evans
- Harcor

### CROP ADAPTATION AREAS

A Black Hills
B1 Northwestern Tableland
B2 North Central Glacial Upland
B3 Pierre Plain
B4 Southwestern Tableland
C1 Northern James Valley
C2 South Central Upland
C3 South Central Tableland
C4 South Central Timberland
D1 Northeast Lowland
D2 Northern Prairie Coteau
D3 Central Prairie Coteau
D4 Southern James Flatsland
E Southeast Prairie Upland
Hodgson‡ & Hodgson 78‡  D1, D2, D3
Swift  D1, D2, D3
Wayne  D4*, E*
Wells‡ & Wells II†  D1, D3, D4, E

Acceptable/Promising
Pella‡  D4*, E*
Weber‡  D1, D2, D3

LEGUMES
Alfalfa (hay type)
Agate**  Statewide
Baker†  Statewide
Dawson  D4, E
Iroquois  Statewide
Ladak 65  A, B1, B2, C1, D2
Vernal  Statewide

Alfalfa (pasture type)
Teton  Statewide
Travois  Statewide

Birdsfoot trefoil
Empire  A, C1, D1, D2, D3, D4, E
Carroll  A, C1, D1, D2, D3, D4, E

FLAX
Recommended
Culbert & Culbert 79  flax areas
Dufferin  flax areas
Linott  flax areas
Wishek  flax areas

RYE
Cougars  Statewide
Puma  Statewide
Rymin  Statewide

GRASSES (cool-season)
Crested wheatgrass
Fairway  Statewide
Nordan  Statewide

Intermediate wheatgrass
Oahe  Statewide

Creeping foxtail (low, wet areas)
Garrison  Statewide

Reed canarygrass (low, wet areas)
Frontier  Statewide
Rise  Statewide

Russian wildrye
Vinal  Statewide

Smooth brome
Achenbach  Statewide
Lincoln  Statewide
Rebound†  Statewide
Sac  Statewide

Tall wheatgrass (low, wet alkaline areas)
Alkar  Statewide

GRASSES (warm-season)
Switchgrass
Summer  D3, D4, E
Nebraska 28  Statewide

MILLET
Foxtail
Manta  Statewide

Proso
Cerise  Statewide
Minco  Statewide
Minsum  Statewide
Panhandle  Statewide
Snobird  Statewide

* Southern counties of this area
† Northern counties of this area
‡ Submitted for protection under the Plant Variety Protection Act. Sale of seed of these varieties by name is restricted to classes of certified seed.
** Resistant to Phytophthora root rot, which is a problem on poorly drained soils.

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