Field Crop Varieties Recommended in South Dakota for 1983

Cooperative Extension South Dakota State University

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Field Crops

Varieties Recommended in South Dakota for 1983

Cooperative Extension Service
South Dakota State University
U.S. Department of Agriculture
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, 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/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.

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† ................................ Statewide
- Bennett† ................................ . A, B3, B4, C2, C3
- Buckskin† ................................ . A, B1, B3, B4, C2, C3
- Centurk 78† ................................ . B3, B4, C2, C3
- Dawn .................................. . A, B3, B4, C2, C3
- Gent .................................. . A, B3, B4, C2, C3
- Rita .................................. . A, B3, B4, C2, C3
- Rose .................................. . Statewide
- Sage .................................. . A, B1, B3, B4, C2, C3
- Scout 66 ................................ . A, B1, B3, B4, C2, C3

**Acceptable/Promising**

- Brule† .................................. B3, B4, C2, C3
- Lancer .................................. B1, B2, C2, C3
- Nell .................................. . A, B3, B4, C2, C3
- Roughrider .............................. B1, B2, C1, D1, D2, D3
- Winoka ................................. B1, B2, C1, D1, D2, D3

Winter wheat production in B1, B2, C1, D1, D2, and D3 entails somewhat more risk and affects variety selection.

**SPRING WHEAT**

**Recommended**

- Alex .................................. Statewide
- Angus† ................................ B2, C1, D1, D2, D3
- Butte .................................. Statewide
- Centa .................................. Statewide
- Era ...................................... D1, D2, D3
- Eureka† ................................ Statewide
- James‡ ................................ Statewide
- Len ..................................... Statewide
- Olaf .................................... Statewide
- Protor ................................ C1†, D2

**Acceptable/Promising**

- Brule† .................................. B3, B4, C2, C3
- Lancer .................................. B1, B2, C2, C3

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

- D1 Northeast Lowland
- D2 Northern Prairie Coteau
- D3 Central Prairie Coteau
- D4 Southern James Flatland
- E Southeast Prairie Upland
LEGUMES

SOYBEANS

Recommended

Century ➤(II) ➤ ▶ D4, E
Corsoy 79(II). C1, C2, D1, D2, D3, D4, E
Evans◊(O) ➤ D1, D2, D3
Harco(II) ➤ C1, C2, D1, D2, D3, D4, E
Mead†(III) ➤ D4, E
Pella(II) ➤ D4*, E*
Swift(O) ➤ C1, D1, D2, D3
Weber†(I) ➤ C1, D1, D2, D3

Acceptable/Promising

Hardin†(I) ➤ D1, D2, D3
Hodgson 78†(I) ➤ D1, D2, D3
Lakota†(I) ➤ D1, D2, D3
Simpson†(O) ➤ D1, D2, D3

0—III: Maturity groups.
0 group is earliest maturing; III is latest.

The varieties listed below have been successfully grown in South Dakota. There is not enough data available to classify them as to recommended or acceptable/promising.

LEGUMES

 Alfalfa (pasture type)
 Travois ➤ Statewide

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

GRASSES (cool-season)

Crested wheatgrass
Fairway ➤ Statewide
Nordan ➤ Statewide

Intermediate wheatgrass
Oahe ➤ Statewide

Creeping foxtail (low, wet areas)
Garrison ➤ Statewide
Retain† ➤ Statewide

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

Russian wildrye
Vinal ➤ Statewide

Smooth brome
Lincoln ➤ Statewide
Rebound† ➤ Statewide

Tall wheatgrass (low, wet alkaline areas)
Alkar ➤ Statewide

GRASSES (warm-season)

Switchgrass
Summer ➤ D3, D4, E
Nebraska 28 ➤ Statewide

MILLET

Foxtail
Manta ➤ Statewide
Sno-Fox ➤ Statewide

Proso
Cerise ➤ Statewide
Minco ➤ Statewide
Minsum ➤ Statewide
Snobird ➤ Statewide

** Resistant to Phytophthora root rot, which is a problem on poorly drained soils.

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for 1983

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