Field Crop Varieties Recommended in South Dakota for 1984

Cooperative Extension South Dakota State University

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Field Crops

Varieties Recommended in South Dakota for 1984

Cooperative Extension Service
South Dakota State University
U.S. Department of Agriculture
Field Crop Varieties Recommended in South Dakota for 1984

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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. Crop production conditions in a given adaptation area because of location or operator management skills may closely resemble conditions in another area. Farmers should therefore regard this fact when considering these recommendations.

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
- Brule — B3, B4, C2, C3
- Centurk 78† — B3, B4, C2, C3
- Dawn — 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**

- Buckskin† — A, B3, B4, C2, C3
- Gent — A, B3, B4, C2, C3
- Lancer — B1, B2, C2, C3
- Neil — A, B3, B4, C2, C3
- Rocky — B3, B4, C2, C3
- Roughrider — 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
- Eurekat — Statewide
- James† — Statewide
- Len — Statewide
- Marshall† — Statewide
- Olaf — Statewide
- Protor — C1†, D2

**Acceptable/Promising**

- Guard† — Statewide
- Lew — Sawly problem area
- Oslo† — Statewide
- 711† — Statewide
- Wheaton† — Statewide

**DURUM WHEAT**

**Recommended**

- Crosby — All durum wheat areas
- Edmore — All durum wheat areas
- Rugby — All durum wheat areas
- Vic — All durum wheat areas
- Ward — All durum wheat areas

**Acceptable/Promising**

- Lloyd — All durum wheat areas

**OATS**

**Recommended**

- Bumper† — A, B1, B2, B3, B4, C1, C2, C3
- Benson† — A, B1, B2, B3, B4, C1, C2, C3
- Burnett — A, B1, B2, B3, B4, C1, C2, C3
- Lancer — Statewide
- Lyon — B1, B2†, B3†, C1†, D1, D2, D3
- Moore — Statewide
- Ogle — B1, B2, B3, B4, C2, C3, D4
- Wright† — B1, B2†, C1†, D1, D2, D3

**BARLEY**

**Recommended**

- Crosby — All durum wheat areas
- Edmore — All durum wheat areas
- Vic — All durum wheat areas
- Ward — All durum wheat areas

**Acceptable/Promising**

- Glenn — C1†, D1, D2, D3
- Larker — A, B1, B2, C1, D1, D2, D3, E
- Morex — A, B1, B2, C1, D1, D2, D3, E
- Primus II — Statewide

(Glenn, Larker and Morex are approved for malting)

**FLAX**

**Recommended**

- Clark — Flax areas
- Culbert 79 — Flax areas
- Dufferin — Flax areas
- Flor — Flax areas
- Linott — Flax areas
- Norin — Flax areas
- Wishek — Flax areas
### Field Crops Recommended for South Dakota for 1984

**Rye**  
- Cougar  
- Puma  
- Rymin  
- Statewide

**Legumes**  
- **Alfalfa (hay type)**  
  - Agate**  
  - Baker†  
  - Perry  
  - Vernal  
- **Alfalfa (pasture type)**  
  - Travois  
- **Smooth brome**  
  - Lincoln  
  - Rebound†  
- **Tall wheatgrass (low, wet, alkaline areas)**  
  - Alkar

**Grasses (warm-season)**  
- **Century (II)**  
- **Birds foot trefoil**  
- **Corsoy 79 (II)**  
- **Empire**  
- **GRASSES (cool-season)**  
  - **Crested wheatgrass**  
  - **Fairway**  
  - **Nordan**  
  - **Intermediate wheatgrass**  
  - **Oahe**  
  - **Creeping foxtail (low, wet areas)**  
  - **Garrison**  
  - **Russian wildrye**  
  - **Vinal**  

**Grasses (cool-season)**  
- **Hardin (II)**  
- **Mead (II)**  
- **GRASSES (cool-season)**  
  - **Pellat (III)**  
  - **Swift (0)**  
  - **Simpsont (O)**  
  - **Wells II† (II)**  

**Acceptable/Promising**  
- **Evans† (O)**  
- **Hodgson 78† (I)**  
- **Lakota† (I)**  

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.

- **Russian wildrye**  
- **Vinal**  
- **Russian wildrye**  
- **Vinal**  

### Southern counties of this area
- **Russian wildrye**

### Northern counties of this area
- **Russian wildrye**

**Russian wildrye** is resistant to Phytophthora root rot, a problem on poorly drained soils.

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