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Cooperative Extension South Dakota State University

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FIELD CROPS

Varieties Recommended for 1973

Cooperative Extension Service
South Dakota State University
United States Department of Agriculture
Field Crop Varieties Recommended in South Dakota for 1973

By Elmer E. Sanderson, Extension agronomist—crops

Crop adaptation areas of the state, shown on the map, are based on soil type, elevation, temperature, and rainfall. These factors largely determine the type of agriculture within these areas.

Varieties are recommended on the basis of length of growing season, average rainfall, disease frequency, and farming practices. Often an individual farm, due to its location or the management practiced by the operator, may more closely resemble conditions of an area other than the one in which the farm is located. Recommendations listed here should be considered in the light of this information. Varieties are listed alphabetically and not in order of preference.

**Winter Wheat**
- Bronze: B1, B2, B3, E
- Centurk: A, B2, B3, B4, C2, C3, D1, D2, DS
- Gage: A, B4, C2, C3
- Hume: B1, B2, B3
- Scout 66: B3, B4, C2, C3
- Scoutland: B3, B4, C2, C3
- Winoka: B1, B2, B3, E

Winter wheat production under the high risk conditions of areas B1, B2, and C1 means selecting the most hardy varieties.

**Spring Wheat**

**Recommended**
- Chris: Statewide
- Fortuna: B1, B2, C1
- Polk: Statewide
- Sheridan: A, B1, B2, B3, C1
- World Seeds 1809: Statewide

**Acceptable**
- Bonanza: Statewide
- Bounty 208: Statewide
- Era: D1, D2
- Lark: Statewide

**Durum Wheat**

**Recommended**
- Hercules: All durum wheat areas
- Leeds: All durum wheat areas
- Rollette: All durum wheat areas
- Ward: All durum wheat areas
- Wells: All durum wheat areas

**Oats**

**Recommended**
- Burnett: Statewide
- Chief: Statewide
- Dal: C1, D1, D2, D3
- Diana: B4, C2, C3, D3, D4, E
- Froker: C1, D1, D2, D3
- Holden: B2, C1, D1, D2, D3, D4, E
- Portal: B2, C1, D1, D2, D3, D4, E

**Acceptable**
- Dupree: B1, B2, B3, B4, C2, C3
- Garland: B2, C1, D1, D2, D3, D4, E
- Grundy: D4, E
- Kelsey: B2, C1, D1, D2, D3
- Kota: Statewide

**Barley**

**Recommended**
- Conquest: Statewide
- Larker: A, B2, C1, D1, D2, D3, E
- Prilar: Statewide
- Primus II: Statewide

**Acceptable**
- Cree: C1, D1, D2, D3
- Dickson: C1, D1, D2

**Flax**

**Recommended**
- Lodi: C1, D1, D2, D3
- Multiline-E72: Statewide
- Multiline-M72: Statewide
- Nodaway 70: Statewide
- Otee: C2, C3, D4, E
- Trio: B4, C2, C3, D4, E

**Acceptable**
- B-5128: C1, D1, D2, D3
- Linott: All flax areas
- Nored: All flax areas

**Rye**

**Recommended**
- Norstar: C1, D1, D2, D3
- Summit: All flax areas
- Windom: All flax areas

**Hybrid Corn**

**Recommended**
- Corsoy: D1, D3, D4, E
- Cippewa 64: D1, D2, D3, D4, E
- Hark: D1, D3, D4, E
- Rampage: D1, D3, D4, E
- Traverse: D1, D2, D3
- Wells: D1, D3, D4, E
- Wirth: D1, D2, D3, D4, E

**Commercial hybrid corn varieties are available and adapted for each crop adaptation area. Yield and maturity information on some hybrids is available in the South Dakota State University Experiment Station circular on "Corn Performance Trials."**

**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
Grain Sorghum
RS 506 __________ B2°, B3°, C1°, C2,
C3, D3, D4, E
RS 610 __________ C2°, C3, D4°, E°
SD 1025 __________ Statewide
SD 1045 __________ Statewide
SD 451 __________ Statewide
SD 503 __________ B2°, B3°, C1°, C2,
C3, D4, E

Commercial hybrid grain sorghum varieties are available and adapted for each crop adaptation area. Yield and maturity information on some grain sorghum hybrids is available in Experiment Station circular on “Grain Sorghum Performance Trials.”

Legumes
Alfalfa (hay type)
Dawson __________________ Statewide
Iroquois __________________ Statewide
Ladak 66 A, B1, B2, B3, C1, D2
Vernal __________________ Statewide

Alfalfa (pasture type)
Rambler __________________ Statewide
Teton __________________ Statewide
Travois __________________ Statewide

All of these alfalfa varieties are approved for cost sharing under the ACP program. Varieties other than those listed are approved for cost sharing. Your County ASCS office has a list of eligible varieties.

Reed canarygrass (low, wet areas)
Frontier __________________ Statewide
foreed __________________ Statewide

Russian wildrye
Vinall B1, B2, B3, B4, C2, C3,
D1, D2, D3

Smooth brome
Achenbach __________________ Statewide
Fox __________________ Statewide
Lincoln __________________ Statewide
Sac __________________ Statewide

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

Grasses (Warm Season)

Sideoats Grama
Piper _______________ Statewide

Switchgrass
Sumner ______________ Statewide

Millet
Foxtail ______________ Statewide
Manu __________________ Statewide

Proso ________________ Statewide
Panhandle __________ Statewide

Intermediate wheatgrass
Oahe ________________ Statewide
Creeping foxtail (low, wet areas)
Garrison ______________ Statewide

Grasses (Cool Season)
Crested wheatgrass
Fairway ______________ Statewide
Nordan ______________ Statewide

Green needlegrass
Lodorm B1, B2, B3, B4,
C2, C3, D1, D2, D3

For both irrigation and dryland

Recommended only for late planting in areas D4 and E.

Grasses (Cool Season)

Forage Sorghum
Crested wheatgrass

For both irrigation and dryland

Recommended only for late planting in areas D4 and E.

Recommended for 1973

Commercial hybrid forage sorghum, sorghum-sudangrass crosses, and hybrid sudangrass varieties are available and adapted for each crop adaptation area.

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