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Field Crop Varieties in South Dakota

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Recommended Citation

Extension, Cooperative, "Field Crop Varieties in South Dakota" (1959). *SDSU Extension Fact Sheets*. 180. https://openprairie.sdstate.edu/extension_fact/180

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Field Crop Varieties in South Dakota

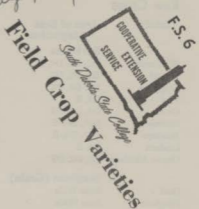
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Associate Extension Agronomists

The crop Adaptation Areas of the state, illustrated below, have been outlined on the basis of soil type, elevation, temperature and rainfall. These factors largely determine the type of agriculture within these areas.

Varieties are recommended for these areas 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 these possibilities.

*Released by 91.5.110-41
H by 104*

Farm operators who use adapted crop varieties will get better yields.



Small Grain

Variety	Area of Best Adaptation
Winter Wheat	
Cheyenne	B3*, B4, C2, C3
Minter	D4, E
Nebred	B3, B4, C2, C3
Spring Wheat	
Conley	B1, B2**, C1**, D2, D3
Lee†	A, B1, B2, B3, B4, C2, D4, E
Rushmore	A, B1, B2, B3, B4, C2
Selkirk†	B1, B2, C1, D1, D2, D3
Durum	
Langdon	B1, B2, C1, C2, D1, D2, D3
Ramsey	B1, B2, C1, C2, D1, D2, D3
Yuma	D1, D2, D3
Oats	
Andrew†	State Wide
Burnett†	C1, C2, D1, D2, D3, D4, E
Clintland 60	D2, D3, D4, E
Dupree†	B1, B2, B3, B4, C2
Garry	C1, D1, D2, D3
Marion	C1, D2, D3, D4, E
Minhafer	State Wide
Mo-O-205†	D1, D4, E
Newton	State Wide
Ransom	D1, D2, D3
Rodney	C1, D2, D3, D4, E
Waubay	C1, D2, D3, D4, E

Two new durum wheat varieties will be released in 1960 for the durum wheat growing area.

Custer†	B3, B4, C2, C3, D4
Feebar	B2, C1, C2, C3, D1, D2, D3, D4, E
Kindred	B2**, C1, D1, D2, D3
Liberty†	State Wide
Plains	State Wide
Trail†	A, B2, C1, D1, D2, D3
Spartan	A, B1, B3, B4, C2, C3
Barley	
Arny	C1, D1, D2, D3
B-5128	C1, D1, D2, D3
Flax	
	C1, D1, D2, D3

Bolley	B1, B2, C1, D1, D2, D3, D4, E
Marine	B1, B2, C1, D1, D2, D3, D4, E
Redwood	C1, D1, D2, D3
Rye	
Antelope	State Wide
Caribou	State Wide
Pierre	State Wide

*Southern counties of this area.
**Northern counties of this area.
† For both irrigation and dryland.
‡ Recommended for seed production only.

Crop Adaptation Areas of South Dakota



Row Crops

Variety	Area of Best Adaptation
Soybeans	
Blackhawk	D1, D3, D4, E
Capital	D1, D2, D3
Chippewa	D1, D2, D3
Ford	D4, E
Grant	D1, D2, D3
Harosoy	D3*, D4, E
Hawkeye	D3*, D4, E
Lindarin	D4, E
Ottawa Mandarin	D1, D2, D3
Sorghum (Grain)	
Dual	State Wide
Norghum	State Wide
Reliance	State Wide
RS 501	State Wide
RS 608	B4, C2*, C3, D4*, E*
RS 610	B4, C2*, C3, D4*, E*

Variety	Area of Best Adaptation
Sorghum (Forage)	
Dual	State Wide
Leoti Red	B2*, B3*, B4, C1*, C2, C3, D4, E
Norkan	B2*, B3*, B4, C1*, C2, C3, D4, E
Rancher	State Wide
Rox Orange	B2*, B3*, B4, C1*, C2, C3, D4, E
39-30-S	State Wide

Although hybrid sorghums are relatively new, there are several commercial hybrids that can be grown satisfactorily.

Variety	Area of Best Adaptation
Sudan Grass	
Piper	State Wide
Corn (Hybrid)	
SD 210	A, B1, B2, B3, D2
SD 220	A, B1, B2, B3, D2
SD 250	A, B1, B2, B3, C1, D1, D2, D3
SD 262	B2, B3, C1, D1, D3
SD 270	B2*, B3, B4, C1, C2, D1, D3, D4**, E**
SD 400	A, B2*, B4, C1*, C2, C3, D3, D4, E
SD 420	A, B2*, B4, C1*, C2, C3, D3, D4, E
SD 604	A, B4, C3, D4, E
SD 622	A, B4, C3, D4, E

Yield and maturity information for commercial hybrids being sold in South Dakota is available in the annual Experiment Station corn performance circular.

Corn (Open Pollinated)

Brown County	
Yellow Dent	B1, B2, C1
Dakota White	A, B1, B3
Falconer	A, B1, B3
Gehu	A, B1, B3
Minn 13	A, B1, B3
Northwestern Dent	A, B1, B3
Rainbow	A, B1, B3
Squaw	A, B1, B3

Pasture and Forage Crops

Variety	Area of Best Adaptation
Legumes	
Alfalfa	
Cossack††	State Wide
Grimm††	State Wide
Ladak	A, B1, B2, B3, C1, D2
Ranger	State Wide
Teton	State Wide (Seed and pasturage)
Vernal	
Narragansett††	A, B1, B2, B3, B4, C1, C2, C3
Rhizomat††	
	A, B1, B2, B3, B4, C1, C2, C3
Sweet Clover	
Goldtop	State Wide
Hubam	D1, D2, D3, D4, E
Madrid	State Wide

Red Clover	
Dollard	A, C1, D1, D2, D3, D4, E
Birdfoot Trefoil	
Empire	A, C1, D1, D2, D3, D4, E

Grasses	
Crested Wheatgrass	
Fairway	D1, D2, D3
Nordan	B1, B2, B3, B4, C1, C2, C3

Green Needlegrass	
Green Stipa	B3, B4, C2, C3
Pubescent Wheatgrass	
Mandan 759	State Wide
Russian Wild Rye	
Mandan 2355	B1, B2, B3, B4, C2, C3
Side-ots Grama Nebraska 37	
	B3, B4, C2, C3
Smooth Brome	
Homesteader	State Wide
Lincoln	A, D4, E
Lancaster	A, D4, E
Switch Grass	
Nebraska 28	B3, B4, C3, D4, E
Tall Wheatgrass	
PI 98526	Low, wet alkaline areas (State Wide)

Needle Ricegrass	
Mandan Ricegrass	B1, B2, B3, B4, C3

Intermediate Wheatgrass	
Amur	State Wide
Ree	State Wide
Greenar	State Wide

Millet

Foxtail	
German	State Wide
Hungarian	State Wide
Kursk	State Wide
Manta	State Wide
Siberian	State Wide

Proso	
Black Voronezh (Medium Early)	State Wide
Crown (Medium)	State Wide
Early Fortune (Early)	State Wide
Red Thurgai (Medium Early)	State Wide

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**Northern counties of this area.

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Published and distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914, by the Agricultural Extension Service of the South Dakota State College of Agriculture and Mechanic Arts, Brookings, John T. Stone, Director, U. S. Department of Agriculture cooperating.