2-1-1959

Field Crop Varieties for 1959

Ralph A. Cline
Elmer E. Sanderson

Follow this and additional works at: https://openprairie.sdstate.edu/extension_leaflets

Recommended Citation
https://openprairie.sdstate.edu/extension_leaflets/203

This Pamphlet is brought to you for free and open access by the SDSU Extension at Open PRAIRIE: Open Public Research Access Institutional Repository and Information Exchange. It has been accepted for inclusion in SDSU Extension Leaflets by an authorized administrator of Open PRAIRIE: Open Public Research Access Institutional Repository and Information Exchange. For more information, please contact michael.biondo@sdstate.edu.
Field Crop Varieties for 1959

Ralph A. Cline and Elmer E. Sanderson
Associate Extension Agronomists

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

Varieties are being 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.

SMALL GRAIN

<table>
<thead>
<tr>
<th>Variety</th>
<th>Winter Wheat</th>
<th>Spring Wheat</th>
<th>Durum</th>
<th>Oats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheyenne</td>
<td>B3, B4, C2, C3</td>
<td>B1, B2**, C1**, D2, D3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minter</td>
<td>D4, E</td>
<td>A, B1, B2, B3, B4, C2, D2, D3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nebred</td>
<td>B3, B4, C2, C3</td>
<td>A, B1, B2, B3, B4, C2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conley</td>
<td></td>
<td>B1, B2, C1, D1, D2, D3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lee</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rushmore</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selkirk</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Langdon</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ramsey</td>
<td></td>
<td></td>
<td>B1, B2, C1, C2, D1, D2, D3</td>
<td></td>
</tr>
<tr>
<td>Yuma</td>
<td></td>
<td></td>
<td>D1, D2, D3</td>
<td></td>
</tr>
<tr>
<td>Andrew</td>
<td></td>
<td></td>
<td></td>
<td>State Wide</td>
</tr>
<tr>
<td>Burnett</td>
<td></td>
<td></td>
<td></td>
<td>C1, C2, D1, D2, D3, D4, E</td>
</tr>
<tr>
<td>Cherokee</td>
<td></td>
<td></td>
<td></td>
<td>A, D4, E</td>
</tr>
</tbody>
</table>

AGRICULTURAL EXTENSION SERVICE
SOUTH DAKOTA STATE COLLEGE
U. S. DEPARTMENT OF AGRICULTURE
**CROPPED ADAPTATION AREAS OF SOUTH DAKOTA**

**Variety**
- Dupree
- Garry
- Marion
- Minhafer
- Mo-O-205
- Newton
- Ransom
- Rodney
- Waubay

**Area of Best Adaptation**
- B1, B2, B3, B4, C2
- C1, D1, D2, D3
- C1, D2, D3, D4, E
- State Wide
- State Wide
- D1, D4, E
- State Wide
- D1, D2, D3
- C1, D2, D3, D4, E
- B2, B4, C1, C2, C3, D1, D2, D3, D4, E
- D4, E
- B2**, C1, D1, D2, D3
- State Wide
- A, B2, C1, D1, D2, D3
- A, B1, B3, B4, C2, C3

**Barley**
- Custer
- Feebar
- Kindred
- Liberty
- Plains
- Traill
- Spartan

**Area of Best Adaptation**
- B3, B4, C2, C3, D4
- B2, B4, C1, C2, C3, D1, D2, D3
- B2**, C1, D1, D2, D3
- State Wide
- State Wide
- State Wide
- State Wide
- State Wide
- State Wide

**Flax**
- Army
- B-5128
- Bolley
- Marine
- Redwood
- Sheyenne

**Area of Best Adaptation**
- C1, D1, D2, D3
- C1, D1, D2, D3
- B1, B2, C1, D1, D2, D3, D4, E
- B1, B2, C1, D1, D2, D3, D4, E
- C1, D1, D2, D3
- C1, D1, D2, D3
- B1, B2, C1, D3
- B1, B2, C1, D4, E

**Rye**
- Antelope
- Caribou
- Pierre

**Area of Best Adaptation**
- State Wide
- State Wide
- State Wide

**ROW CROPS**

**Soybeans**
- Blackhawk
- Capital
- Chippewa
- Ford
- Grant
- Harosoy
- Hawkeye
- Lindarin
- Ottawa Mandarin

**Area of Best Adaptation**
- D1, D3, D4, E
- D1, D2, D3
- D1, D2, D3
- D4, E
- D1, D2, D3
- D3*, D4, E
- D3*, D4, E
- D4, E
- D1, D2, D3

**Sorghum (Grain)**
- Dual
- Leoti Red

**Area of Best Adaptation**
- State Wide
- B2*, B4, C1*, C2, C3, D4, E

**Sorghum (Forage)**
- Norghum
- Reliance
- RS 501
- Sorghum (Forage)
- Dual
- Leoti Red

**Area of Best Adaptation**
- State Wide
- State Wide
- State Wide
- State Wide
- B2*, B4, C1*, C2, C3, D4, E

**Variety**
- Norkan
- Rancher
- Rox Orange
- 39-30-S
- Piper
- Sudan Grass

**Area of Best Adaptation**
- B2*, B4, C1*, C2, C3, D4, E
- State Wide
- State Wide
- State Wide
- State Wide
- State Wide
<table>
<thead>
<tr>
<th>Variety</th>
<th>Area of Best Adaptation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD 210</td>
<td>A, B1, B2, B3, D2</td>
</tr>
<tr>
<td>SD 220</td>
<td>A, B1, B2, B3, D2</td>
</tr>
<tr>
<td>SD 250</td>
<td>A, B1, B2, B3, C1, D1, D2, D3</td>
</tr>
<tr>
<td>SD 262</td>
<td>B2, B3, C1, D1, D3</td>
</tr>
<tr>
<td>SD 270</td>
<td>B2*, B3, B4, C1, C2, D1, D3, D4**, E**</td>
</tr>
<tr>
<td>SD 400</td>
<td>A, B2*, B4, C1*, C2, C3, D3, D4, E</td>
</tr>
<tr>
<td>SD 420</td>
<td>A, B2*, B4, C1*, C2, C3, D3, D4, E</td>
</tr>
<tr>
<td>SD 604</td>
<td>A, B4, C3, D4, E</td>
</tr>
<tr>
<td>SD 622</td>
<td>A, B4, C3, D4, E</td>
</tr>
</tbody>
</table>

**Corn (Hybrid)**

- **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

**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
  - Rainbow: A, B1, B3
  - Squaw: A, B1, B3

**Pasture and Forage Crops**

**Legumes**

- **Alfalfa**
  - Cossack¹: State Wide
  - Grimm¹: State Wide
- **Gehu**
- **Minn 13**
- **Northwestern Dent**
- **Rainbow**

**Grimm¹**

- **Cossack¹**

**Sweet Clover**

- **Goldtop**
- **Hubam**
- **Madrid**

**Red Clover**

- **Dollard**

**Birdsfoot Trefoil**

- **Empire**

**Grasses**

- **Crested Wheatgrass**
  - **Fairway**
  - **Nordan**

- **Legumes**

- **State Wide**
  - **A, Bl, B2, B3, C1, D2**
  - **A, Bl, B2, B3, B4, C1, C2, C3**
  - **A, Cl, D1, D2, D3, D4, E**
  - **A, Cl, D1, D2, D3, D4, E**

- **Grasses**

- **State Wide**
  - **D1, D2, D3**
  - **B1, B2, B3, B4, C1, C2, C3**
<table>
<thead>
<tr>
<th>Variety</th>
<th>Area of Best Adaptation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Needlegrass</td>
<td>B3, B4, C2, C3</td>
</tr>
<tr>
<td>Green Stipa</td>
<td></td>
</tr>
<tr>
<td>Pubescent Wheatgrass</td>
<td>State Wide</td>
</tr>
<tr>
<td>Mandan 759</td>
<td></td>
</tr>
<tr>
<td>Russian Wild Rye</td>
<td>B1, B2, B3, B4, C2, C3</td>
</tr>
<tr>
<td>Mandan 2355</td>
<td></td>
</tr>
<tr>
<td>Side-oats Grama</td>
<td>B3, B4, C2, C3</td>
</tr>
<tr>
<td>Nebraska 37</td>
<td></td>
</tr>
<tr>
<td>Smooth Brome</td>
<td>State Wide</td>
</tr>
<tr>
<td>Homesteader</td>
<td>A, D4, E</td>
</tr>
<tr>
<td>Lincoln</td>
<td>A, D4, E</td>
</tr>
<tr>
<td>Lancaster</td>
<td></td>
</tr>
<tr>
<td>Switch Grass</td>
<td>B3, B4, C3, D4, E</td>
</tr>
<tr>
<td>Nebraska 28</td>
<td></td>
</tr>
<tr>
<td>Tall Wheatgrass</td>
<td>Low, wet alkaline areas (State Wide)</td>
</tr>
<tr>
<td>PI 98526</td>
<td></td>
</tr>
<tr>
<td>Needle Ricegrass</td>
<td>B1, B2, B3, B4, C3</td>
</tr>
<tr>
<td>Mandan Ricegrass</td>
<td></td>
</tr>
<tr>
<td>Intermediate Wheatgrass</td>
<td></td>
</tr>
<tr>
<td>Amur</td>
<td>State Wide</td>
</tr>
<tr>
<td>Ree</td>
<td>State Wide</td>
</tr>
<tr>
<td>Foxtail</td>
<td>State Wide</td>
</tr>
<tr>
<td>German</td>
<td>State Wide</td>
</tr>
<tr>
<td>Hungarian</td>
<td>State Wide</td>
</tr>
<tr>
<td>Kursk</td>
<td>State Wide</td>
</tr>
<tr>
<td>Manta</td>
<td>State Wide</td>
</tr>
<tr>
<td>Siberian</td>
<td>State Wide</td>
</tr>
<tr>
<td>Proso</td>
<td>State Wide</td>
</tr>
<tr>
<td>Black Voronezh</td>
<td>State Wide</td>
</tr>
<tr>
<td>(Medium Early)</td>
<td></td>
</tr>
<tr>
<td>Crown (Medium)</td>
<td>State Wide</td>
</tr>
<tr>
<td>Early Fortune</td>
<td>State Wide</td>
</tr>
<tr>
<td>(Early)</td>
<td></td>
</tr>
<tr>
<td>Red Thurghai</td>
<td>State Wide</td>
</tr>
<tr>
<td>(Medium Early)</td>
<td></td>
</tr>
</tbody>
</table>

**Northern counties of this area.**

*Southern counties of this area.*

(1) Satisfactory, but not recommended.

(2) Recommended for seed production only.