Western Applied Research Corporation

The Western Applied Research Corporation (WARC) was incorporated in 2003 and is directed by a seven member Board of Directors. The seven directors are local producers that represent both livestock and grain producers from each of the seven Agriculture Development and Diversification (ADD) districts in NW Saskatchewan.

WARC is a producer-based organization that facilitates practical field research and demonstration. It also ensures the transfer of technology from the research level to farm level for the benefit of producers in NW Saskatchewan and the province. In addition to the field trial analysis, economic evaluation and implication of some new technologies is evaluated.

WARC is working in collaboration with Agriculture and Agri-Food Canada (AAFC) at Scott. The Scott Research Farm acts as the main site for research and demonstration as well as coordination of the projects. Another location accessible to WARC through AAFC at Scott is Glaslyn. In addition to Glaslyn, there are seven other sites that are accessible through the AgriARM program: Indian Head, Redvers, Yorkton, Swift Current, Prince Albert, Melfort and Outlook.

Board of Directors
Don Karstens                  Wilkie, SK
Blaine Davey                 Wilkie, SK
Ian Sonntag                 Goodsoil, SK
Sheldon Stang               Major, SK
Carol Baillargeon           Edam, SK
Ryan Charabin               N. Battleford, SK
Eric Johnson                N. Battleford, SK

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Associate Personnel
Erin Campbell                Regional Crop Specialist, Saskatchewan Ministry of Agriculture (SMA)
Justin Herle                 Summer Student, WARC (summer)
Jaden Kapiniak               Summer Student, WARC (summer)
Herb Schell                  Technician, WARC (summer)
Daryl Gish                   Farm Manager, AAFC Scott
Dan Ulrich                   Minor Use Program, AAFC Scott
Erin Adams                   Technician, Minor Use Program, AAFC Scott
Arlen Kapiniak               Technician, AAFC Scott
Lorne Nielsen                Technician, AAFC Scott
Cindy Gampe                  Technician, AAFC Scott
Scott Research Farm

The Scott Research Farm was established in 1910 by the Federal Department of Agriculture's Experimental Farm Service. In the 1970's organizational restructuring within Agriculture and Agri-Food Canada Research Branch resulted in Scott Research Farm becoming a sub-station of Saskatoon Research Centre.

The farm consists of approximately 340 hectares (840 acres) of dark brown loam soil (pH ranging from 5.0-6.5). In addition to this land base there were two Project Farms operated on leased land in North Western Saskatchewan. One located near Lashburn (Black climatic zone) and the other near Loon Lake (Grey climatic zone). These project farms were closed at the end of 2006. In 2007, a new Project Farm near Glaslyn (Grey climatic zone) was started.

In the early years, there were research programs in livestock, horticulture and field crop production. Along with specialization in the agriculture industry, Research Centres also specialized. As a result, the livestock and horticulture programs have been transferred to other AAFC Research Centres. Scott Research Farm now specializes in crop production systems.

AAFC Contact Information

Henry De Gooijer        Lead Biologist
Brenda Bauml            Office Administrator

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                        Scott, SK
                        S0K 4A0

Phone:                 (306) 247-2011
Fax:                   (306) 247-2022
Weather Report for Scott, SK 2015

Soil Information:

Dark Brown Chernozemic (Typic Boroll)
Association: Scott, Elstow, Weyburn
Texture: Loam
- sand: 31 %
- silt: 42 %
- clay: 27 %
Organic Matter: 3 %
Soil pH: 6.0

Table 3. Mean monthly temperature, precipitation and growing degree day accumulated from May to September 2015 at Scott, SK

<table>
<thead>
<tr>
<th>Year</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>Sept.</th>
<th>Average/Total</th>
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<td></td>
<td></td>
</tr>
<tr>
<td>Temperature (°C)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2015</td>
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<td>16.1</td>
<td>18.1</td>
<td>16.8</td>
<td>10.9</td>
<td>14.24</td>
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<tr>
<td>Long-term¹</td>
<td>10.8</td>
<td>15.3</td>
<td>17.1</td>
<td>16.5</td>
<td>10.4</td>
<td>14.0</td>
</tr>
<tr>
<td>Precipitation (mm)</td>
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<td></td>
<td></td>
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<td>2015</td>
<td>4.1</td>
<td>19.4</td>
<td>46.4</td>
<td>74.5</td>
<td>49.6</td>
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<td>61.8</td>
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<td>45.7</td>
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<td>215.9</td>
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<tr>
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<td>332</td>
<td>405.1</td>
<td>365.8</td>
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<td>307.5</td>
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<td>356.5</td>
<td>162.0</td>
<td>1379.4</td>
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</tbody>
</table>

¹Long-term average (1981-2010)
Extension Events
Field Days:
- Scott Field Day, July 15, 2015, ~200 people in attendance

Winter Meetings:
- Agronomy Research Update, December 8-9, 2015
- Crop Production Show (Saskatoon), January 11-14, 2016
- Agri-ARM Research Update (Saskatoon), January 14, 2016, ~80 people in attendance
- Crop Sphere (Saskatoon), January 12 & 13, 2016
- Regional Pulse Update (North Battleford), February 2, 2016
- Crop Opportunity and Scott Research Update (North Battleford), March 9, 2015, ~100 people in attendance
- Soils and Crops Workshop (Saskatoon), March 16-17, 2015