



**Western Applied Research Corporation**  
**2015 Annual Report**  
**Summary of Research Results and Events**

**Compiled by: Gazali Issah, (Research Manager) and Jessica  
Weber (General Manager)-WARC February 2016**

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# WESTERN APPLIED RESEARCH CORPORATION

## 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 Agri-ARM 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

## WARC Contact Information

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Jessica weber, General Manager  
[jessica.weber@warc.ca](mailto:jessica.weber@warc.ca)

## 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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	S0K 4A0

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## 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

Year	May	June	July	August	Sept.	Average /Total
-----Temperature (°C)-----						
<b>2015</b>	9.3	16.1	18.1	16.8	10.9	14.24
<b>Long-term<sup>2</sup></b>	10.8	15.3	17.1	16.5	10.4	14.0
-----Precipitation (mm)-----						
<b>2015</b>	4.1	19.4	46.4	74.5	49.6	194.0
<b>Long-term<sup>2</sup></b>	36.3	61.8	72.1	45.7	36.0	215.9
-----Growing Degree Days-----						
<b>2015</b>	140.3	332	405.1	365.8	179.8	1423.0
<b>Long-term<sup>2</sup></b>	178.3	307.5	375.1	356.5	162.0	1379.4

<sup>2</sup>Long-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