



WARC Update **December 2018**

The office at the Western Applied Research Corporation has become very quiet and peaceful as the winter air moves in and the temperatures continue to drop. Everyone is settling into their winter routine. November was a quiet month full of data entry, sample analysis, proposal writing, and beginning to organize ourselves for the 2019 project season. But before we can begin getting too excited about the 2019 projects we have to finish entering and analyzing data from 2018. We are very excited to share the results from our 2018 trials with everyone! Be sure to watch our website and twitter account for information and results from 2018.

Events

The 2019 Crop Opportunity Meeting will be held on **March 13th, 2019** at the Dekker Centre in North Battleford. Stay tuned for more events details including topics and speakers!

On March 5th and 6th, the annual Soils and Crops Workshop will be held in Saskatoon at Prairieland Park. The event attracts agronomists and producers in the Prairie Provinces. The focus of the workshop is on soil health and nutrient management. Visit <http://www.usask.ca/soilscrops> for more information!

Career Opportunity

WARC is currently accepting applications for a Research Associate position. Visit the careers tab on our website or contact Chelsea at exec.admin@warc.ca or (306) 247-2001 for more information. If you are looking for an exciting, fast-paced career opportunity then send us your resume – we would love to hear from you!

Research Update – 2018 Project Spotlight

Project: Layering of Pre Herbicides for Managing Group 2 Resistant Kochia and Wild Mustard in Lentil

Objectives:

- 1) To evaluate the effect of layering 2 novel pre-herbicides for managing Group 2 resistant kochia and wild mustard in lentil



Treatments:

Treatment	Pre Herbicide 1	Pre Herbicide 2
1	None	None
2	None	Fall Metribuzin
3	None	Spring Metribuzin
4	None	Spring Heat
5	None	Spring Amicarbazone
6	Fall Edge	None
7	Fall Edge	Fall Metribuzin
8	Fall Edge	Spring Metribuzin
9	Fall Edge	Spring Heat
10	Fall Edge	Spring Amicarbazone
11	Fall	None
12	Fall Pyroxasulfone	Fall Metribuzin
13	Fall Pyroxasulfone	Spring Metribuzin
14	Fall Pyroxasulfone	Spring Heat
15	Fall Pyroxasulfone	Spring Amicarbazone

Results:

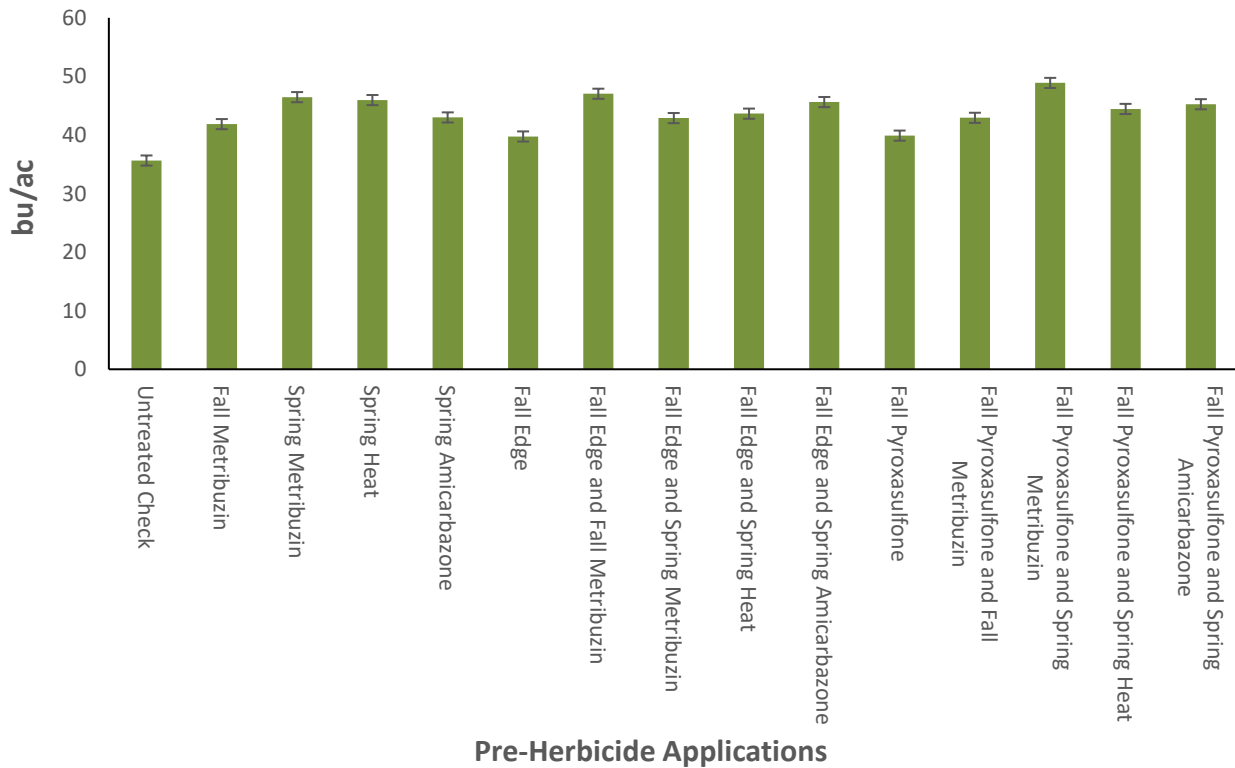


Figure 1: the graph above shows the average yield (bu/ac) from each pre-herbicide combination.



Photos Taken on July 18, 2018



**Treatment 1 – Untreated
Check**



**Treatment 3 – Spring
Metribuzin**



Treatment 6 – Fall Edge



**Treatment 7 – Fall Edge
and Fall Metribuzin**



**Treatment 11 – Fall
Pyroxasulfone**



**Treatment 13 – Fall
Pyroxasulfone and Spring
Metribuzin**



We are looking for Summer Students for the 2019 Crop Season!

Responsibilities Include:

- Pre-seed calibrations, seed and fertilizer setup, site development, and soil testing
- Assisting in crop scouting, crop health management, and weed and disease identification
- Managing and operating technical equipment including tractors and sprayers
- Data collection throughout the growing season including: soil sampling, green-seeking, ratings (disease, lodging, maturity), and overall treatment applications
- Assisting in hosting extension events including Weed ID Workshop and Field Day



This job provides experience in all aspects of agriculture and allows you to work both independently and in a group setting.

We are looking for summer students to work from April 29, 2019 – August 30, 2019. The work is 90% outdoors. Full time hours are Monday to Friday, 8:00 a.m. to 4:30 p.m.



For more information or to apply, email resume to:

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For more information about WARC, visit our website or follow us on twitter!

www.warc.ca



If you have questions, call our office anytime at (306) 247-2001 or email exec.admin@warc.ca.