



WARC Update September 2018

The summer of 2018 has been a busy one at the Western Applied Research Corporation. With just over 40 trials this season, our staff has been working hard every day to get the best quality research data from our trials. Our trials are quite varied this year; topics include herbicide efficacy in quinoa, critical period of weed control in faba beans, seeding rates in canola, enhancing wheat profitability through intensive wheat management, and flax yield response to P and N. Seeding wrapped up in early June and then we began the spraying season. This included many early mornings and late nights in order to spray during favourable wind conditions. But, with everyone's help we managed to complete all the spraying on time! Other tasks completed this summer included disease and maturity ratings, plant heights, plant counts, bio-massing, pod counts, and weeding!



Kayla is enjoying harvesting some wheat in our Accelerated Cropping Systems trial.

Currently, we are well on our way into the harvest season beginning with our pulse trials. WARC employees are enjoying seeing their hard work throughout the season pay off when a trial comes off successfully!

WARC Staff:

Jessica Weber – General Manager
Juan Lobo – Research Associate
Kayla Slind – Research Technician
Chelsea Gruber – Executive Administrator
Herb Schell – Casual Technician

This summer we also had the help of two awesome summer students, Jaden Kapiniak and Jolene Gruber. Our students worked hard for us this summer and kept everyone smiling! Sadly, they return to their studies this week. We have enjoyed having their smiling faces at WARC, and appreciate their hard work and dedication this summer. We will miss you two! Best of luck in the new school year!



From left to right: Herb Schell, Jolene Gruber, Juan Lobo, Chelsea Gruber, Jessica Weber, Kayla Slind, and Jaden Kapiniak



Research

Check out the treatment effect seeding rate has on maturity timing. Both plots were seeded on the same day and both contain 45M35 RR canola. Photos were taken on August 15, 2018.



Seeded at 54 seeds/m²



Seeded at 161 seeds/m²

Photos below show the treatment effects of faba bean grown after application of Quinclorac 12 months prior. Photos taken on August 15, 2018.



Untreated



Quinclorac applied at 200 g ai/ha 12 months prior



The photos below show the difference in flax yield resulting from application of phosphorus and nitrogen fertilizer at varying rates.



20 kg P₂O₅/ha



150 kg N/ha and 20 kg P₂O₅/ha

Events

2018 Field Day

The Saskatchewan weather was not in our favour for our 2018 Field Day on July 11. We were forced to move the day inside due to heavy rainfall. Our staff did a fantastic job of changing plans on short notice and moving the day inside. Despite not actually getting out to see the plots, the day was a huge success! We heard from excellent speakers including Dr. Brian Beres, Dr. Bobbi Helagson, Dr. Reynald Lemke, and Eric Johnson. We would like to thank everyone for coming out and enjoying the day with us, as well as our annual and event sponsors who make amazing events like our Field Day possible!



Eric Johnson speaks about Herbicide Options for Japanese Brome in Barley at our 2018 Field Day.



Australian Pulse Tour

On July 16, we welcomed visitors from Australia to check out the pulse projects being conducted by WARC and AAFC at the Scott Research Farm. We had a wonderful day sharing our pulse trials and discussing how pulse production differs between Saskatchewan and Australia. The day included a tour of the WARC and AAFC plots, lunch, and a tour of a local producer's farm.



We enjoyed learning about production on the other side of the world! Thank you to our new friends for taking the time out of their busy Saskatchewan tour to visit Scott!



Stay Tuned for Details about our 2019 Crop Opportunity Meeting in March!

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.