Driving Decisions Newsletter
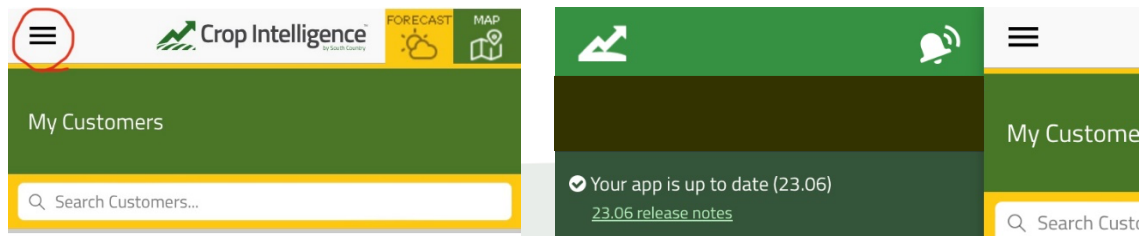
May 2023

app.Cropintel.ca

APP UPDATE AVAILABLE

Crop Intelligence Version 23.09 is available on Google Play and the Apple App store. You can check if your app is up to date by clicking the Menu List in the top left corner.

2023 Crop Intelligence Partnerships

We are excited to work with six strategic partners during the 2023 season. It gives us great pleasure to work with each group to drive and deliver the value if Crop Intelligence in the industry. Each one of these companies offers something unique to agriculture and they are leveraging our tools to provide more value to producers at the farm gate. Watch for field tours and farm show highlights throughout the season!

Yara: This is the third year Yara and Crop Intelligence have worked together at the Yara Incubator Farm at Ag In Motion near Saskatoon, Saskatchewan. Together, we are gathering more insights on how various crop types respond to different fertility regimes. In addition, this work will help growers adopt 4R Nutrient Stewardship practices to optimize fertilizer use efficiencies.

John Deere Small Grains Production Team: Following the release of the HL3000 Protein Sensor, John Deere and Crop Intelligence are evaluating the use of protein data for nitrogen management in wheat and canola across 4 sites in Western Canada (1 in Central Saskatchewan, 1 in Southern Alberta, and 2 in Manitoba). A key focus for Crop Intelligence is to provide insight on how management of water in the 5 Production Steps (Planning, Seeding, Application, Harvest, and Preparation) influences nitrogen, yield, and protein interactions.

SeedMaster: In support of the CanolaMaster contest, SeedMaster and Crop Intelligence are working together with other industry partners to grow a field of canola to its fullest potential! Ken Krywko and family of Morinville, Alberta are optimizing agronomic decisions to achieve the Water Driven Yield Potential of their canola field. We had great conditions for seeding on May 12th and look forward to watching it grow!

Seeding day at the CanolaMaster field near Morinville, Alberta.

CANTERRA SEEDS: A Crop Intelligence station and probe will be at three CANTERRA SEEDS Success Sites this year, including the one at Ag In Motion. With over 40 crop types available in Crop Intelligence, we are partnering with CANTERRA SEEDS to collect more insights into the popular and not so popular crop types utilized by our customers. This is also a great opportunity to specifically look at corn and soybeans.

Alpine: With support from Synergy AG in Balcarres, Saskatchewan and South West Terminal in Gull Lake, Saskatchewan, we are working with Alpine to evaluate phosphorus products at seeding. Immobile nutrients, like phosphorus, are often the most limiting to achieving yield potential and Alpine is looking to help solve this problem with their products.

Condie Seeds: Farmers and agronomists are using our tool in cereal crops to optimize agronomic decisions around Water Driven Yield Potential. Condie Seeds near Regina, Saskatchewan, has been evaluating the effects of crop variety, nitrogen management, fungicide, and PGRs on wheat, durum, and oat yields with the support of our tool for the past 2 years with some very interesting results.

Time to Set your Alerts!

Alerts with push notifications are available in the app and online. Now that seeding is wrapping up and stations and probes are installed, now it is a great time to customize your alerts. There are two tabs for setting up alerts: *My Preferences* and *My Rules*.

My Preferences: Settings to determine what kind of alerts you want to receive and how you want to receive them (email or phone notification). The three types of alerts are: Agronomic and Environmental, Reports, and Features.

- Agronomic and Environmental: Alerts are sent to you based on your customized rules.
- Reports: An alert will be generated whenever a report, Agronomy, In-Season, or Year-End, is generated for your fields, including the autogenerated In-Season Reports this season.
- Features: You will get an alert when a new feature or insight comes from Crop Intelligence.

My Rules: Rules need to be created to identify the boundaries of the agronomic and environmental alerts. There are 8 steps to set and then save. These rules can be edited, deleted, or shared from vendors or consultants to customers or from customers to sub-users on their accounts via notify others. Below are recommended starting settings for the 2 stages of Sclerotinia in canola, apothecia development and infection. You can also customize the rules as conditions are evaluated in the field.

Recommended Alert Rule Settings for Sclerotinia

	Rule #1	Rule #2
Step 1: Rule Name	Apothecia Alert	Infection Alert
Step 2: Station	*Select Canola Stations*	*Select Canola Stations*

Step 3: Define Conditions	Air Temp – Enabled – Inside Threshold
	  Low: 30°C High: 15°
	  No Minimum
	Leaf Wetness – Enabled
	  18 Hours
	Moisture Levels – 10 cm
	  25% FC
	  Any Selected Depth
		Air Temp – Enabled – Inside Threshold
		  Low: 25°C High 20°C
		  No Minimum
		Humidity – Enabled – Inside Threshold
		  Low: 100 High: 70

Step 4: Conditions Met	All Conditions	All Conditions
Step 5: Stations Match	Any Station	Any Station
Step 6: Alert Calendar	June 15 – July 15	June 25 – July 15
Step 7: Alert Cooloff Period	24 Hours - Yes	24 Hours - Yes
Step 8: Notify Others	No	No

Watch the help video on alerts using the link below!

https://www.youtube.com/watch?v=ep-hRHiXCek

Upcoming Events
5 Production Steps Webinar Series: Application – online June 14th
Canada's Farm Show - Regina, Saskatchewan June 20th-22nd

Have questions, reach out to your Crop Intelligence partner for more information or email us at
info@cropintel.ca.