

# Crop Metrics: A New Tool For Monitoring Crop Growth

Canada is a global supplier of grains, oilseeds and pulses and prides itself in providing safe and innovative products that consistently surpass world standards. In order to maintain this high standard and break into new markets, governments and industry need timely access to key information and analysis to inform decision-making at regional and national levels. Agriculture and Agri-Food Canada has developed **Crop Metrics**, a web-based application to link key pieces of information on historical and forecasted yield, weather conditions and risks and make these accessible to the sector in real time over the growing season.

**Crop Growth Metrics:** These are indicators of crop health and growth with value-added social, economic and environmental information that help explain the indicator results.

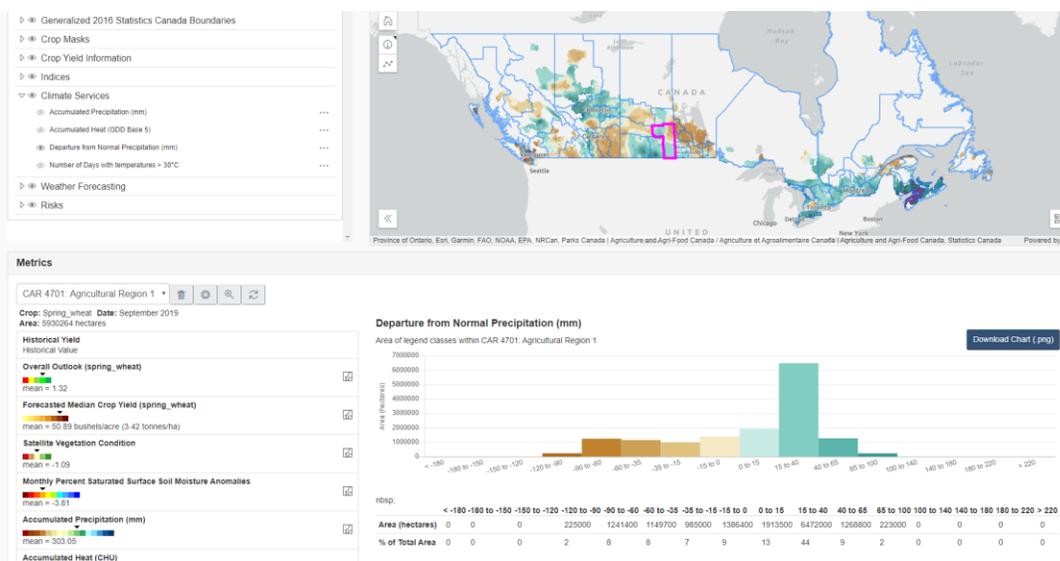


Figure 1: Sample output from the Crop Metrics application showing how maps, charts and metrics are reported for key commodities in Canada

## What will Crop Metrics Do?

1. Provide user-customized outlook reports documenting major crop yield trends across the agricultural landscapes of Canada; and
2. Calculate crop growth metrics that combine climate, satellite and modelled data sets to summarize the state of grain and cereal annual production.

Project collaborators will help guide the project and provide key feedback and data to enhance the quality of the products developed, as well as to ensure results are regionally relevant.

For more information please contact the Project Leads:

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