

# Crop Condition Assessment Program, 2017

*Released at 8:30 a.m. Eastern time in The Daily, Thursday, June 1, 2017*

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Crop development was lower than normal in Quebec and Ontario as of May 28, according to the Crop Condition Assessment Program.

Cold conditions in Ontario slowed crop growth by a few days and wet conditions limited seeding operations.

Conditions were less favorable in Quebec, where snow cover delayed seeding and cold spring temperatures delayed the emergence of crops.

## **Similar or lower than normal crop development in most of the Prairies**

Crop development was similar or lower than normal in most of the Prairies, but higher than normal in southern Alberta and southwestern Saskatchewan.

Despite the late spring and wet conditions, seeding progressed rapidly across the southern part of the Prairies as a result of dry, warm weather and windy conditions over the past few weeks, according to provincial crop reports.

Northern regions received more rainfall, hindering and delaying field operations and seeding operations.

## **Conditions are similar to normal across the Atlantic provinces**

After a cold start to winter in the Atlantic provinces, March and April were similar to normal and warmer. There was a thick layer of ice and snow until the end of March, but crop conditions improved slowly in April and picked up considerably in May.

## **More favourable weather conditions accelerate crop development in British Columbia following a cool and wet early spring**

Cool temperatures and above average rainfall in the early spring led to a slower start to the growing season in British Columbia. However, more favourable conditions in the last three weeks have accelerated crop development.



### Note to readers

Agriculture and Agri-Food Canada, through the Growing Forward 2 program, has partnered with Statistics Canada to provide the Crop Condition Assessment Program (CCAP) application free of charge. The Canada Centre for Remote Sensing, part of Natural Resources Canada, has also contributed by providing software for processing the input satellite data.

The 2017 version of the satellite-based CCAP application uses a new design where all components are available on a single page.

In addition, historical values (1987 to 2016) are available in CANSIM. These values are derived from the one-kilometre resolution satellite picture elements within each census agriculture region, census division or census consolidated subdivision of Canada that contains pasture and/or cropping. The inter-annual weekly reference period is from mid-April to mid-October.

The CCAP is a free web mapping application that provides timely, objective cropland and pasture monitoring information on a weekly basis for Canada's entire agricultural region, as well as the northern part of the United States.

The application combines state-of-the-art satellite remote sensing with geographic information systems and dynamic web mapping technologies. It is the longest running program of its kind in Canadian history.

Satellite imagery is received every Monday from early April until mid-October. Weekly updates are made to the web application within minutes of receiving the satellite data for near real-time use by the entire agriculture community.

Current conditions are compared with a 30-year normal, allowing easy mapping of areas under stress, such as drought, flooding or frost events. The web application includes other features such as thematic maps and data in graph and tabular format for four types of different geography layers, from the census agriculture region to the township level. The entire historical database from 1987 onward is included in the application.

Data from the CCAP are available in CANSIM table 001-0101 and will be updated periodically.

**Available in CANSIM: table [001-0101](#).**

**Definitions, data sources and methods: survey number [5177](#).**

The publication *Crop Condition Assessment Program, 2017* ([22-205-X](#)), is now available online.

Weekly satellite images from the start of the 2017 growing season have been processed and are now available on the [Crop Condition Assessment Program website](#).

You can also consult the 2017 version of the [satellite-based Crop Condition Assessment Program application](#).

For more information, or to enquire about the concepts, methods or data quality of this release, contact us (toll-free 1-800-263-1136; 514-283-8300; [STATCAN.infostats-infostats.STATCAN@canada.ca](mailto:STATCAN.infostats-infostats.STATCAN@canada.ca)) or Media Relations (613-951-4636; [STATCAN.mediahotline-ligneinfomedias.STATCAN@canada.ca](mailto:STATCAN.mediahotline-ligneinfomedias.STATCAN@canada.ca)).