

## CROP PRODUCTION REPORT

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### Canola

Crop stages range from 6 leaf to 50% flowering. Fungicide application timing and therefore proper staging is needed to determine appropriate application timing for fungicides. Sclerotinia is the target disease that is being sprayed for during the flowering period - spray timing is registered for 20 to 50% flowering. Reports of severe blackleg occurred and are confirmed by the Crop Diagnostic Lab. Girdling of the stem causing plants to wilt and kink or fall over at the base of the stem are the visual symptoms in the field.

### Cereals

#### Spring Cereals

Manitoba's cereal crops continue to progress rapidly with the continuing warm conditions across most of the province last week. Majority of spring cereals ranges in development from boot stage to flowering. Most cereal acres are rated in good condition, although there are acres in the Southwest and Northwest Regions that continue to recover from excess moisture conditions; in some of those areas acres have been impacted where crop death occurred due to extended wet conditions. Across the province, scouting for disease pressure remains a top priority for producers. Producers continue to monitor weather and crop development with fungicide applications for fusarium head blight occurring where conditions warrant.

#### Winter Cereals

Majority of winter wheat acres have completed flowering and are progressing into grain filling; warm weather continues to benefit crop growth. Fungicide applications for fusarium head blight were generally widespread across the province due to warm, moist and humid conditions during flowering and crop's susceptibility to FHB.

### Edible Beans

Row crop cultivation in wide row beans is complete for this year. Early season edible beans such as light red kidney beans are flowering. Very little fungicide application for white mould is taking place on the light red kidneys as of yet due to the hot dry weather conditions. This situation could change if rainfall events occur on these fields. Other bean types such as navy and black beans will be flowering soon. Growers need to watch weather conditions and monitor plant growth in order to determine if spraying a fungicide is warranted. There has been some herbicide injury noted on fields which were sprayed during the hot dry weather over the last week. These beans should grow out of condition. There are a few reports of root rot showing up on various fields however nothing that would be of any concern to yield.

### Flax

Crop staging ranges from 4 inch to early flowering stages. Severe fusarium wilt has been confirmed in some fields, causing plant

death in the areas affected. Samples need to be tested at the Crop Diagnostic Lab or another lab to confirm this is the disease causing injury. Herbicide applications are still occurring in later developing fields and some reports of crop injury has occurred when sprayed under hot, humid conditions.

### Fruit Crops

Most strawberry harvesting will start in full later this week and weekend. Some minor harvesting of early maturing cultivars has started. Some reports of thrip damage to flowers and fruit bronzing. Treatment for thrips is not recommended unless populations exceed 10 per blossom. For identification, scouting and economic threshold information:

<http://www.gov.mb.ca/agriculture/crops/insects/fad90s00.html>

Raspberry fruit continue to develop with harvesting expected in 2 weeks. Saskatoon berries starting to turn re-purple, expect harvesting to start in 1-2 weeks time.

### Grain Corn

Grain corn continues to grow rapidly with the warmer temperatures, with development ranging from V4 to V6 leaf stage of vegetative development. It was noted that areas in some fields were exhibiting heat stress symptoms, such as leaf rolling, where the plant is trying to conserve water by lessening the leaf surface area to reduce



transpiration. Impact to yield at this point is negligible. Overall, Manitoba's grain corn crop continues to be rated in good condition.

## Peas

Recent rains and warmer temperatures continue to increase disease pressure in field peas with the majority of the crop now 50% flowered. Fungicide applications are ongoing and are estimated to be 75 to 80% complete. The level of yellowing and crop losses in low lying areas increased over this past week as soil moisture levels are at or near capacity in most areas. Peas grown on canola stubble have continued to tolerate the excess moisture conditions better than peas on cereal

stubble. *Mycosphaerella* blight continues to be the main disease being reported with an increased incidence in areas which have received excess moisture over the last 7 to 10 days.

## Soybeans

Flowering is noted in many fields around the province. Growers have finished or are close to finishing their last application of glyphosate for this year. Soybeans fields grew rapidly during the last week with the hot days and warm nights we have been experiencing. There were a few reports of Iron Chlorosis at the beginning of last week but most of the soybeans have grown out of this condition. Weed control is good with no major issues to

report. Volunteer canola is noted in some soybean fields and is flowering. These fields may not look pretty but should not cause any significant yield loss. Spraying at this stage has no economic value.

## Sunflowers

Crop staging at V8 to R1. There has been incidence of downy mildew found in some fields, but otherwise no disease concerns to date. Fields need to be watched for development of sunflower rust, which needs to be monitored on plants to determine whether fungicide applications are needed later in the season. Bud moth frass has been seen on axils of sunflower plants.