



Ontario Crops Research Centre – Bradford (Muck Station) IPM Update 2026

Date: June 18

Highlights

- Most onions are around the 3rd true leaf stage.
- Onion maggot flies are still active and some feeding damage has been observed.
- Some carrots are at the 2nd to 3rd true leaf stage.
- Carrot weevil activity continues and some fields are over threshold.
- 1st generation carrot rust fly activity continues and populations are very high in some areas.
- Aster leafhopper activity is gradually increasing.
- We received 31.6mm of rain at the station from last night to this morning.

Disease Forecasting Highlight:

Botrytis leaf blight (BOTcast)	Onion downy mildew (DOWNcast)	Stemphylium leaf blight (BSPcast)	White Rot on onions	Sclerotinia (White Mold) on Carrot	General conditions for disease (TOMcast)	Lettuce downy mildew (BREMcast)
LOW RISK	LOW RISK	MODERATE RISK	MODERATE RISK	LOW RISK	MODERATE RISK	HIGH RISK

Onion Update

Seeded onions are around the 2nd to 3rd true leaf stage.

Some onion maggot feeding damage has been observed in untreated seeded onions. Seeds treated with Sepresto should be protected against onion maggot damage. Transplant onions are at a higher risk of onion maggot damage. Scouts are establishing onion maggot damage assessment plots to assess 1st generation damage.

With the continued warmer and wetter weather conditions are becoming more conducive for Stemphylium leaf blight development. We are keeping a close eye on onions for any symptoms.

Scouts have started to find adult thrips in low numbers, mainly in fields with 3 or more true leaves. The rain we just received will lower these early populations. It is important to wait until populations start to build more before spraying Movento.



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Herbicide damage has been common. Allowing the onions waxy leaf layer to develop can help protect the plant from herbicide injury. For weed control, registered [preemergence](#) and [postemergence](#) herbicides can be found in the Ontario Crop Protection Hub by following the links.

Carrot Update

Some carrot fields are at the 2nd to 3rd true leaf stage and may require an insecticide spray for carrot weevils. Weevils are active and are in their egg laying period. It is important to remember that carrot weevil pressure is usually higher in early seeded carrots than later seeded carrots. If your field is over the 1.5 cumulative weevils/trap threshold you should apply Rimon 10 EC or Exirel at the 2nd true leaf stage. If your field is over the 5 cumulative weevils/trap threshold you should make another application at the 4th true leaf stage.



How to Control Carrot Weevil

For more information on controlling carrot weevils, check out our “How to Control Carrot Weevil” video on our Muck Crops IPM YouTube channel by clicking on the thumbnail to the left.

The 1st generation of carrot rust flies are active, but this generation usually does not cause serious damage as the carrots are often too small at this time. Some areas have had very high populations for a week or so. If your field has a high 1st generation population, the 2nd generation (the one that can cause damage) can be higher as well. If your field has had high populations for a while an insecticide spray is recommended to try and knock down the population. These fields will be monitored closely as the season progresses. Mako, UP-Cyde 2.5 EC, Labamba, Matador 120EC and Silencer 120 EC are registered for control.

Aster leafhoppers have also started to be more active. Infectivity of aster leafhoppers coming from the south have been low so far this season.

For early season weed control, registered [preemergence](#) and [postemergence](#) herbicides can be found in the Ontario Crop Protection Hub by following the links.

Daily Weather

Date (June)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
15	20.7	8.1	0.0
16	24.4	10.4	5.0
17	22.9	13.8	0.8

Soil Temperature over the last 24 hours (°C): 5cm: 17.4

Any questions or comments? Please call Tyler Blauel at (365) 340-4158



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