



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

Date: June 25

Highlights

- **Stemphylium leaf blight has been identified on transplant onions.**
- Many seeded onions are around the 4th true leaf stage.
- Thrips are present in most fields now but it is important to let populations build a bit more before starting Movento sprays.
- 1st generation onion maggot damage is being assessed.
- Some carrots are at the 2nd to 4th true leaf stage.
- Some fields are over the carrot weevil threshold. Weevils are nearing the end of their egg laying period.
- 1st generation carrot rust fly activity continues and populations are still high in some areas.
- Aster leafhopper activity continues to increase.

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 4th true leaf stage.

Stemphylium leaf blight has been found on transplant onions. We recommend an early spray for transplant onions to protect them from infection. Seeded onions are not as susceptible to infection as they are still young but management on seeded onions will likely be important soon.

First spray: If your seed was treated with EverGol Prime or Pen 240 your first spray should be Allegro 500F. Allegro is effective for around 7-10 days. If your transplant seeds were not treated with penflufen, Miravis Duo (Group 7/3) would be the best choice to protect your onions.

We do not recommend spraying Quadris Top (group 11/3) or Luna Tranquility (group 7/9) for Stemphylium as resistance has developed to these fungicides. Latest research has found very high



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resistance in Stemphylium to one of the fungicides in Quadris Top and high resistance to one of the fungicides in Luna Tranquility.

Very minor onion maggot damage has been observed from 1st generation feeding. Seeds treated with Sepresto should be protected against onion maggot damage. Transplant onions are at a higher risk of onion maggot damage.

Scouts have been finding adult thrips in low numbers. It is important to wait until populations start to build more before spraying Movento.

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

Carrot fields are around the 2nd to 4th true leaf stage and some may require an insecticide spray for carrot weevils. Weevils are active but are finishing their egg laying period. Later seeded carrots should miss the majority of the carrot weevil feeding window. 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 have been active. This generation usually does not cause serious damage as the carrots are often too small at this time, but some areas have had very high populations for over two weeks. 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 counts 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 fairly low so far this season.

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



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Daily Weather

Date (June)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
22	24.5	12.5	0.0
23	23.4	10.7	0.0
24	25.7	8.6	0.0

Soil Temperature over the last 24 hours (°C): 5cm: 19.4

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



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