



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

Date: July 6

## Highlights

- **Stemphylium leaf blight symptoms are showing up in more fields.**
- Many seeded onions are around the 6<sup>th</sup> true leaf stage.
- Thrips populations are generally growing but have dropped after the heavy rain.
- The high winds and heavy rain, with some hail, has broken a number of onion leaves.
- Carrots are around the 3<sup>rd</sup> to 6<sup>th</sup> true leaf stage. Some early carrot canopies are starting to close in.
- Aster leafhopper activity continues to increase.
- Some fields are over the carrot weevil threshold. Weevils are at the end of their egg laying period.

## 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	HIGH RISK	MODERATE RISK	LOW RISK	HIGH RISK	MODERATE RISK

## Onion Update

**Stemphylium leaf blight is becoming more common in onion fields.** Symptoms are starting to show throughout fields and severity has been low. There is currently a high risk for disease development. Airborne Stemphylium conidia have been found on our spore traps. If you have not already applied a fungicide for Stemphylium, your first spray should be Allegro 500F.

**Second spray:** If it has been 7-10 days since you applied Allegro, the next fungicide you apply could be Miravis Duo (Group 7/3). Aprovia/Aprovia Top, Sercadis and Merivon are also group 7s that are registered to suppress Stemphylium, but resistance has been developing to the active ingredient in Sercadis and Merivon. Rotating these products is important even though they are all group 7s. Allegro is low risk for developing resistance and can be used in rotation with these products.



Stemphylium symptoms - Scout



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

Thrips populations were growing in the hot conditions last week, but their numbers have dropped momentarily after the rain. It is important to wait until populations build in your field as thrips need to be present for Movento to be effective. Once there is a steady population and it continues to grow, Movento should be sprayed back-to-back no more than 2 weeks apart for resistance management.



How to Control Onion Thrips

For more information on managing thrips, check out our “How to Control Onion Thrips” video on our Muck Crops IPM YouTube channel by clicking on the thumbnail to the left.

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 3<sup>rd</sup> to 6<sup>th</sup> true leaf stage.

Weevil activity is slowing down and they have likely completed their egg laying period. Later seeded carrots should miss the majority of the carrot weevil feeding window and may not need to be sprayed. If your field is over the 5 cumulative weevils/trap threshold you should make another application of Rimon 10 EC or Exirel at the 4<sup>th</sup> 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.



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Aster leafhopper activity continues to increase. Infectivity of aster leafhoppers coming from the south has been low but slowly increasing. Sevin XLR, Admire 240F, Actara 25WG, Closer and Sivanto Prime are registered if your field is over the 20 leafhoppers/trap threshold.

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

### Daily Weather

Date (July)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
2	33.3	19.3	0.0
3	31.4	20.8	12.0
4	28.0	21.3	28.0
5	26.8	19.5	0.0

Soil Temperature over the last 24 hours (°C): 5cm: 23.7

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



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