



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

Date: July 23

Highlights

- **Stemphylium leaf blight symptoms continue to spread and develop. There is currently a moderate risk for disease development.**
- Thrips populations are sporadic.
- Transplant onions are lodging.
- Tip dieback is starting to develop.
- Some carrot canopies are closing in.
- Aster leafhoppers are active and aster yellows has been found.
- 2nd generation carrot rust flies are active.

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	LOW RISK	LOW RISK	MODERATE RISK	MODERATE-HIGH RISK

Onion Update

Stemphylium leaf blight symptoms are developing more in onion fields.

Disease incidence is increasing but severity is quite low. There is currently a moderate risk for disease development.

Some tip dieback has also been observed, which can be an entry point for Stemphylium. We recommend alternating the group 7 fungicides (Miravis Duo, Sercadis, Aprovia/Aprovia Top and Merivon) with Allegro (group 29) for Stemphylium leaf blight suppression and resistance management. Resistance has been developing to the active ingredient in Sercadis and Merivon. The group 7 systemic products are effective for around 10-14 days and the contact fungicide Allegro is effective for around 7- 10 days.



Stemphylium symptoms - Scout

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



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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.



Stemphylium Leaf Blight in the Holland Marsh

For more information on managing Stemphylium leaf blight, check out our “Stemphylium Leaf Blight in the Holland Marsh” video on our Muck Crops IPM YouTube channel by clicking on the thumbnail to the left.

Thrips populations are sporadic throughout the marsh. After your Movento sprays, and if your field surpasses the 3 thrips/leaf threshold, switch to a registered insecticide with a different mode of action. Products we would recommend applying next are Agri-Mek SC (group 6), Delegate WG (group 5), Minecto Pro (group 6/28) or Exirel (group 28). These insecticides should also be applied back-to-back, no more than 2 weeks apart.



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.

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 canopies are closing in.

Aster leafhoppers are active. The first signs of aster yellows have been found. Sevin XLR, Admire 240F, Actara 25WG, Closer and Sivanto Prime are registered if your field is over the 20 leafhoppers/trap threshold.

Second generation carrot rust fly activity has started in some fields. If your field is over the 0.1 flies/trap/day threshold Mako, UP-Cyde 2.5 EC, Labamba, Matador 120EC and Silencer 120 EC are registered for control.



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For fields with canopies starting to close in, it may be important to apply a Sclerotinia white mold fungicide soon to get the product down to the soil while you can. This may be even more important in high white mold risk fields.

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)
16	28.3	15.0	0.0
17	29.0	14.5	0.0
18	27.3	19.4	16.6
19	23.8	13.1	0.0
20	26.3	8.7	0.0
21	24.3	18.8	15.4
22	21.5	13.6	0.0

Soil Temperature (°C): 5cm: 18.3

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



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