



Ontario Crops Research Centre – Bradford (Muck Station) IPM Report 2025

This is the Muck Crops IPM Update for September 17, 2025

Highlights

- Sclerotinia white mold has been found in more fields, a few fields have higher severity
- Some Aster leafhopper activity continues
- Carrot rust fly activity has been minimal
- Carrot leaf blights are low
- Onions are being harvested
- Cleanfarms is running their unwanted pesticide collection program from September 15-26. Their next collection won't be until 2028. **The collection event in Bradford is on Friday September 19th at the Co-op.** For more information click [here](#).

Disease Forecasting Highlight:

Sclerotinia (White Mold) on Carrot	General conditions for disease (TOMcast)	Lettuce downy mildew (BREMcast)
MODERATE RISK	MODERATE RISK	HIGH RISK

Carrot Update

Sclerotinia white mold has been identified in a number of fields and some fields have moderate to high disease severity; however, severity is low in most fields. Allegro 500F, Vantana, Scholar 230SC, Luna Sensation, Button and Switch 62.5 WG are registered for control and Miravis Duo and Fontelis are registered for suppression if you have the disease in your field. It is important to try and get these products down into the crown and lower canopy as best you can. Another option is reducing the canopy with a carrot leaf trimmer. The trimming cuts excess leaves and opens up the canopy allowing for more air flow between rows.



Sclerotinia white mold
Scout – Kieran Farhall



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Aster leafhoppers continue to be active and populations are high in a few fields. Sevin XLR, Admire 240F, Actara 25WG, Closer and Sivanto Prime are registered if your field is over the 20 leafhoppers/trap or 1 leafhopper/sweep thresholds.

Carrot rust fly activity has been minimal recently. However, if your field is over the 0.1 rust flies/trap/day threshold, or has remained close to it over a long period of time, Mako, UP-Cyde 2.5 EC, Labamba, Matador 120EC and Silencer 120 EC are registered for control. This generation of rust fly can cause damage and it is important to spray if your field is over threshold.



Aster yellows symptoms
Scout – Dylan Quanbury

Some carrot leaf blights have been found, but disease incidence and severity are still low overall at this time. If your field does have higher levels of blight and you are over the 25% of plants with blight threshold, Cabrio, Flint, Quadris Top, Merivon and Bravo/Echo are registered for both Cercospora and Alternaria leaf blights. Copper 52W is only registered to suppress Cercospora. Fontelis, Sercadis, Cantus, Pristine, Switch, Miravis Duo, Luna Sensation, Serifel, Button, Vantana and Allegro are only registered to suppress Alternaria.

Celery Update

Only a few celery fields are left to be harvested. Disease and insect damage have been minimal overall. Blights have been found regularly in celery, but severity is still low. There are many fungicides registered to manage blights in celery, which can be found on the [Ontario Crop Protection Hub](#). Some celery leaf curl has been found infrequently and Switch 62.5 WG and Quadris Flowable are registered for control. Tarnished plant bugs have been active, but damage has been minimal. Registered insecticides for TPB are [here](#).

Registered celery herbicides can be found in the [Ontario Crop Protection Hub](#).

Daily Weather

Date (September)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
9	23.5	3.4	0.0
10	25.8	8.8	0.0
11	24.2	9.1	0.0
12	25.1	9.6	0.0
13	23.7	12.4	0.0
14	25.6	10.2	0.0
15	25.7	9.7	0.0
16	26.8	5.6	0.0

Soil Temperature (°C): 5cm: 17.0

Any questions or comments? Please call Tyler Blauel or Mary Ruth McDonald at 905-775-3783



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