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

This is the Muck Crops IPM Update for September 24, 2025

Highlights

- Sclerotinia white mold severity has increased in some fields
- Some Aster leafhopper activity continues
- Carrot rust fly activity has been minimal
- Carrot leaf blights are present
- Next week will be the last week of scouting and weekly IPM Reports

Disease Forecasting Highlight:

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

Carrot Update

Sclerotinia white mold severity has increased in fields and conditions are more suitable for the disease after the rain we have received. 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.

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.



Sclerotinia white mold
Scout – Kieran Farhall



Aster yellows symptoms
Scout – Dylan Quanbury



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Carrot leaf blights have been found and conditions have been more suitable for the disease. 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 registered to manage Alternaria.

All registered fungicides and insecticides for carrots can be found [here](#).

Celery Update

Just a couple celery fields are left to be harvested now. Disease and insect damage have been minimal. 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](#).

All registered fungicides and insecticides for celery can be found [here](#).

Daily Weather

Date (September)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
17	27.2	6.7	0.0
18	27.6	9.8	0.0
19	22.0	6.3	0.0
20	20.6	2.9	0.0
21	26.5	3.6	3.6
22	25.4	17.8	9.8
23	26.0	16.7	36.8

Soil Temperature (°C): 5cm: 19.5

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



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