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

This is the Muck Crops IPM Update for September 3, 2025

Highlights

- The [2025 Muck Crops Research Station Grower Field Day](#) is tomorrow from 8:30am – 4 pm. Coffee and donuts will be served compliments of Stokes Seeds. Lunch will also be provided. Please feel free to drop by.
- Onion fields are at various stages of lodging, windrowing and harvesting.
- We have not found Sclerotinia white mold yet.
- Aster leafhopper populations are high in some fields.
- Some carrot rust fly activity continues.
- Cleanfarms is running their unwanted pesticide collection program from September 15-26. Their next collection won't be until 2028. For more information click [here](#).

Disease Forecasting Highlight:

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

Onion Update

Some onion fields are lodging while others are being windrowed and harvested. From our final scouting harvest assessments onion maggot damage, white rot, bacterial and fusarium disease severity were very low this year. Pink root was very common once again, although disease severity was usually very low as well.

Stemphylium leaf blight was found in all scouted onion fields this year too. Disease severity was a little bit lower this year with the drier conditions compared to the last few years. The disease seemed to be managed well in the marsh for the most part. Onion downy mildew did not develop this year due to the hot and dry weather.

Spraying for Stemphylium is not necessary for lodging onions.

Carrot Update

Carrot canopies are closed in now and some early carrots have been harvested. We still haven't identified any Sclerotinia white mold yet, but we are monitoring for it closely as conditions become a bit more suitable for the disease.



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Aster yellows has been found in many carrot fields. Aster leafhoppers continue to be active and populations are high in some 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.

Some carrot rust fly activity continues to be seen and is field specific. This generation of rust fly can cause damage and it is important to spray if your field is over threshold. If your field is over the 0.1 rust flies/trap/day threshold, or remaining 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.



Aster yellows symptoms
Scout – Dylan Quanbury

Some carrot leaf blights have been found, but disease incidence and severity are still low at this time.

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

Celery Update

Disease and insect damage has 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.

Celery harvest continues around the marsh.

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

Daily Weather

Date (August/September)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
28	19.2	10.0	5.8
29	18.0	5.9	0.0
30	21.4	3.5	0.0
31	25.1	5.5	0.0
1	26.5	7.2	0.0
2	25.9	7.3	0.0

Soil Temperature (°C): 5cm: 17.3

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



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