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

Date: August 31

Highlights

- The [2026 Muck Crops Research Station Grower Field Day](#) will be held this week on Thursday September 3rd from 8:30am – 4 pm. Coffee and donuts will be served compliments of Stokes Seeds. Lunch will also be provided. We look forward to seeing everyone here.
- 2nd generation carrot rust flies are active and some fields are over threshold.
- Sclerotinia white mold has been found in a number of carrot fields.
- Most onion fields are at some stage of lodging, windrowing or harvesting.
- Spraying for Stemphylium and downy mildew is not needed for onions that are lodging.
- Scouts will be completing their final onion harvest assessments this week.
- This will be the last week of onion scouting for the season. Carrot and celery fields will be scouted once a week throughout September. IPM Updates will also be sent out once a week throughout September.

Disease Forecasting Highlight:

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

Onion Update

Onion fields are at various stages of lodging and harvest. Royal MH should be applied when bulbs are mature, have 5-8 green leaves and ~50% of tops have fallen. Green tops are needed for the product to be absorbed into the bulb. Royal MH should be applied no later than 10 days before harvest.

Most onion fields no longer require fungicide sprays to protect from Stemphylium leaf blight; however, if your onions will be standing for a while 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.

We do not recommend spraying Quadris Top (group 11/3) or Luna Tranquility (group 7/9) as Stemphylium has developed resistance to these fungicides. There is very high resistance in Stemphylium to one of the fungicides in Quadris Top and high resistance to one of the fungicides in Luna Tranquility.



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Onion downy mildew has been very minimal this year despite the multiple sporulation infection periods later in the season. Fungicide applications are not needed for lodging onions.

Scouts will be completing their final harvest assessments this week.

Carrot Update



White mold - Scout

Sclerotinia white mold has been found in a number of fields. Allegro 500F, Scholar 230SC, Luna Sensation and Switch 62.5 WG are registered for control and Miravis Duo and Fontelis are registered for suppression. It is important to try and get these products down into the crown and lower canopy as best you can.

Second generation carrot rust flies have been active. This generation can cause damage and some fields are over threshold. 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. Aster leafhopper activity has been variable and aster yellows has been minimal. 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.

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

Celery Update

Celery harvest continues. Blights have been found regularly, but overall disease severity continues to be low. There are many fungicides registered to manage blights in celery, which can be found on the [Ontario Crop Protection Hub](#). Celery leaf curl has been found in these wet conditions as well. Switch 62.5 WG and Quadris Flowable are registered for leaf curl control. Some pink rot has also been found by scouts. Registered fungicides for pink rot can be found [here](#). Tarnished plant bugs have been active, but damage continues to be minimal. Registered celery herbicides can be found in the [Ontario Crop Protection Hub](#).

Daily Weather

Date (August)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
27	25.6	16.7	4.2
28	23.3	11.2	0.0
29	26.7	8.4	0.0
30	25.8	17.0	1.2

Soil Temperature (°C): 5cm: 21.2

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



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