



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

This is the Muck Crops IPM Update for July 7, 2025

## Highlights

- **Stemphylium has been identified on transplant and seeded onions and is currently at a high risk for development**
- Most seeded onions are around the 5<sup>th</sup> to 6<sup>th</sup> true leaf stage
- Thrips populations are growing
- Carrot growth stages range from the 2<sup>nd</sup> to 6<sup>th</sup> true leaf stage
- Some carrot rust fly activity has been observed but counts are still low
- Some minor hail and pelting rain damage has been observed

## 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-HIGH RISK	LOW RISK	LOW RISK	HIGH RISK	MODERATE RISK

## Onion Update

Many seeded onions are around the 5<sup>th</sup> to 6<sup>th</sup> true leaf stage. Transplants are around the 7<sup>th</sup> to 8<sup>th</sup> true leaf stage.

Stemphylium leaf blight has been confirmed on onions in several fields now and conditions are favourable for disease development. If you have not already applied a fungicide for Stemphylium, your first spray should be Allegro 500F.

**Second spray:** If it has been 7-10 days since you applied Allegro, the next fungicide you apply could be Miravis Duo (Group 7/3). Aprovia/Aprovia Top, Sercadis and Merivon are also group 7s that are registered to suppress Stemphylium, but resistance has been developing to the active ingredient in Sercadis and Merivon. Rotating these products is important even though they are all group 7s. Allegro is low risk for developing resistance and can be used in rotation with these products.



Scout – Dylan Quanbury



ENZA ZADEN





**CORTEVA**  
agriscience

**syngenta**

**FMC**



**BASF**  
We create chemistry

**CENTRAL  
ONTARIO** **FS**

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.

Thrips populations continue to grow and it is likely a good time to apply Movento in a number of fields where populations are building. Movento should be sprayed back-to-back no more than 2 weeks apart for resistance management.

Very minor hail and pelting rain damage has been observed in some areas of the marsh after the short storm last week.

Pre broadleaf weed emergence herbicides include Chateau and Prowl H2O. Post broadleaf weed emergence herbicides include Goal 2XL, Pardner and bromoxynil products. Allowing the onions waxy leaf layer to develop can help protect the plant from herbicide injury. Registered herbicides can be found in the [Ontario Crop Protection Hub](#).

## Carrot Update

The growth stages of carrots range from the 2<sup>nd</sup> to 6<sup>th</sup> true leaf stage. Carrot weevils have completed their egg laying period. Carrot weevil pressure is usually higher in early seeded carrots than later seeded carrots. Carrot weevil populations are low overall, but some fields have higher weevil populations. If your field is over the 5 weevils/trap threshold, we also recommend spraying at the 4<sup>th</sup> true leaf stage. If your carrots are not at the 4<sup>th</sup> true leaf stage yet you shouldn't need to spray for weevils anymore. Rimon 10 EC or Exirel are good insecticides to manage weevil populations.

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 threshold.

For early season weed control, registered herbicides can be found in the [Ontario Crop Protection Hub](#).

## Celery Update

Some celery harvest continues. Blights have been found regularly in celery, but severity is low. Tarnished plant bugs have been active, but damage has been minimal.

## Daily Weather

Date (July)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
3	24.0	11.9	1.6
4	27.8	9.6	0.0
5	32.3	14.2	1.6
6	33.6	22.0	0.6

Soil Temperature (°C): 5cm: 26.0

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



**STOKES**  
SEEDS

ENZA ZADEN

**HOLMES**  
AGRO

**Alliance  
Agri-Turf**  
Knowledge to grow by



**NORSECO**



**Ontario**

