



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

This is the Muck Crops IPM Update for June 5, 2025

Highlights

- Onions are around the first to third true leaf stage
- Many carrot fields are now seeded
- Carrot weevils are active and in their egg laying period; activity is field specific
- 1st generation carrot rust flies are active, but this generation cannot cause serious damage

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	LOW RISK	MODERATE RISK	LOW RISK	MODERATE RISK	MODERATE RISK

Onion Update

Onions are generally at the 1st to 3rd true leaf stage. Transplants are around the 4th to 5th true leaf stage. Barley has been sprayed down in a few fields now.

Onion maggot flies are still active. We will continue to monitor populations throughout the marsh. Seeds treated with Sepresto should be protected against onion maggot damage. Transplant onions have a higher risk of onion maggot damage.

Early season weed control is important. Some goal damage has been observed on transplant and 2nd true leaf seeded onions. Pre weed emergence herbicides include Chateau, Prowl H2O and Frontier Max. Post 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

Many carrot fields are now seeded. Earlier carrots are around the 1st true leaf stage. Carrot weevils are active and are in their egg laying period. Carrot weevil pressure is usually higher in early seeded carrots than later seeded carrots. Carrot weevil populations look to be fairly low overall, but some fields have higher weevil populations. We do not recommend spraying for weevils until the 2nd true leaf stage if you



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are over the cumulative 1.5 weevils/trap threshold. Rimon 10 EC or Exirel are good insecticides to manage weevil populations.

First generation carrot rust flies are active now, but this generation cannot cause serious damage as the carrots are either too small or have not emerged at this time.

Daily Weather

Date (June)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
2	24.0	3.5	0.0
3	27.8	9.2	0.0
4	31.4	15.8	9.8

Soil Temperature (°C): 5cm: 19.4

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



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