



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

This is the Muck Crops IPM Update for June 16, 2025

Highlights

- Onions are around the 2nd to 4th true leaf stage
- Scouts are just starting to find thrips, populations are very low and slowly growing
- Lots of carrots are around the bunny ear to 2nd true leaf stage
- 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
- Irrigation is common right now in these dry conditions

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	HIGH RISK

Onion Update

Onions fields are at the 2nd to 4th true leaf stage. Transplants are around the 4th to 5th true leaf stage.

The scouts are starting to find very low numbers of thrips in onion fields, mainly transplants. We will continue to monitor population growth. Populations of thrips need to build more before spraying Movento.

Onion maggot fly activity continues. We are continuing 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.

Some goal damage has been observed on transplant and 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](#).



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Carrot Update

Many carrots are around the bunny ear to 2nd true leaf stage. Earlier carrots are around the 4th 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 recommend spraying for weevils at the 2nd true leaf stage if your field is over the cumulative 1.5 weevils/trap threshold. If your field is over the 5 weevils/trap threshold, we also recommend spraying at the 4th true leaf stage as well. Rimon 10 EC or Exirel are good insecticides to manage weevil populations.



How to Control Carrot Weevil

For more information on controlling carrot weevils, check out our “How to Control Carrot Weevil” video on our Muck Crops IPM YouTube channel by clicking on the thumbnail to the left.

First generation carrot rust flies are active now as well, but this generation cannot cause serious damage as the carrots are too small at this time.

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

Daily Weather

Date (June)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
12	23.1	11.6	0.0
13	20.2	11.1	0.0
14	23.9	10.0	0.0
15	25.8	9.7	0.0

Soil Temperature (°C): 5cm: 20.1

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



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