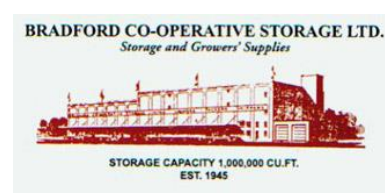




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Ontario Crops Research Centre – Bradford (Muck Station) IPM Report 2023

This is the Muck Crops IPM Update for May 19, 2023

Highlights

- Most onion fields are now seeded.
- Carrot seeding has started this week.
- Celery transplanting continues throughout the marsh.
- Onion maggot flies are active.
- Carrot weevils are active.
- Scouts have started scouting full time this week.
- The Muck Station will be closed on Monday (May 22nd) for Victoria Day. We are planning to scout Monday fields on Tuesday, and Tuesday fields on Wednesday next week.

Onion Update

Most onion fields are now seeded and transplanting continues in some fields. Seeded onions in many fields are just starting to emerge while others are at the flag leaf stage. Onion maggot flies are active and we will continue tracking populations for peak 1st generation activity. Seeds treated with Sepresto should be protected against onion maggot damage.

Early season weed control is important. 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 [OMAFRA's Weed Control Guide for Hort Crops](#) (dry bulb onions starting on page 128) and the [Ontario Crop Protection Hub](#).

Carrot Update

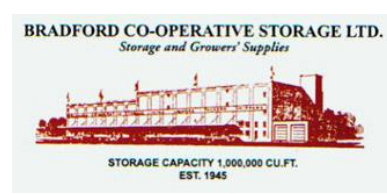
More carrot fields have been seeded this week. Carrot weevil traps have been set up and weevils are now being caught. Carrot weevils have just started their egg laying period, however carrots are not up yet. Carrot weevil pressure is usually higher in early seeded carrots than later seeded carrots as later seeded carrots often miss the majority of the egg laying period.

In preparation for weed control, registered herbicides can be found in OMAFRA's [Weed Control Guide for Hort Crops](#) (carrots starting on page 94) and the [Ontario Crop Protection Hub](#).





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Daily Weather

| Date (May) | Max temperature (°C) | Min temperature (°C) | Rain (mm) |
|------------|----------------------|----------------------|-----------|
| 15 | 23.3 | -0.3 | 0.0 |
| 16 | 23.9 | 5.0 | 0.0 |
| 17 | 11.4 | -0.6 | 0.0 |
| 18 | 18.0 | -3.2 | 0.0 |

Soil Temperature (°C): 5cm: 10.5

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

