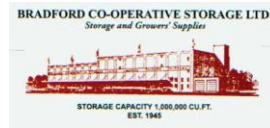




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MUCK CROPS RESEARCH STATION IPM 2017

This is the Muck Crops Research Station Report and IPM Information for Thursday June 1, 2017

The rain continues, with 9.8 mm of rain recorded on station since Monday. As of today, fields are starting to dry although they were quite wet throughout the week.

Onion Maggot Fly

Onions are generally all up and starting to develop true leaves. Onion maggot fly counts are increasing, with the current count at the station at 1.6 flies/trap/day and 0.3 flies/trap/day at our Jane street field.

Onion Thrips

So far, we are not seeing onion thrip activity in the marsh.

Carrot Rust Fly

Carrot rust fly has emerged, although only a few carrot fields have come up so far.

Carrot Weevil

Carrot weevils are currently active and laying eggs, meaning early seeded fields are at risk of damage. The insecticide spray threshold for weevil control is a cumulative count of 1.5 weevils/trap. Imidan, Rimon, and Matador/Warrior are currently registered for carrot weevil control, although recent research done by the research station has indicated Imidan may no longer be working as effectively due to the development of resistance. The current weevil count is 6.5 weevils/trap on station and 3.8 weevils/trap at our Jane street field.

Celery

Tarnished plant bug nymph are emerging and may be appearing around the borders of fields now.

Disease Forecasting

BOTCAST – The cumulative disease severity index (CDSI) for BOTCAST is currently at 9. Risk doesn't increase until a CDSI of 21, therefore risk is currently low.

DOWNCAST – The weather hasn't provided adequate conditions for downy mildew on onions to sporulate, meaning the risk is currently low.

BREMCAST – There have been no sporulation infection periods (SIP) for downy mildew on lettuce this week, meaning risk is low.

DATE (May, 2017)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
29	22.2	9.1	6.4
30	25.4	14.9	3.4
31	21.9	12.9	0

