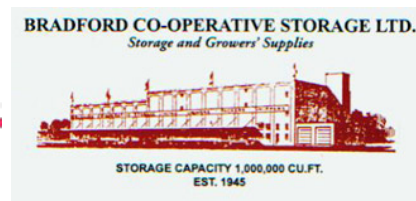




IMPROVE LIFE.



Muck Crops Research Station Agriphone 2019

Highlights for May 21

- Scouts should be starting full time in the fields this week
- Barley wind breaks in onions seem to be establishing well
- Insect activity is about to start up

Disease Forecasting Highlight:

BOTCAST (Botrytis leaf blight)	DOWNCAST (Onion downy mildew)	BSP Cast (Stemphylium leaf blight)	White Rot on onions	Sclerotinia (White Mold) on Carrot	TOMCAST (General conditions for disease)	BREMCAST (Lettuce downy mildew)
LOW RISK	LOW RISK	LOW RISK	LOW RISK	LOW RISK	LOW RISK	LOW RISK

Onion Update:

Generally, the onions that are being seeded have been seeded by now in the marsh. Soon, we expect onion maggot activity to begin. The best protection for onion maggot comes from various in-furrow applications at seeding (Lorsban 15G/Pyrifos 15G, and Diazinon is registered) or seed treatments (Sepresto 75WS and Governor 75WP).

Carrot Update:

Only a few carrots fields have been seeded so far. Carrot rust fly and carrot weevil activity is expected in the next week; we will provide updates from our forecasting and trapping programs in following Agriphones. We have yet to captures any rust flies or carrot weevils.

Disease Forecasting:

Currently there is a very low risk for all diseases we forecast. As crops develop and temperatures increase, more information will be provided here.

Daily Weather and Soil Temperatures:

Date (May 2019)	Max temperature	Min temperature	Rain (mm)
16	17.8	5.2	0.0
17	15.1	7.4	0.6
18	15.8	1.4	0.0
19	24.9	8.5	1.8
20	17.1	7.0	0.0

Soil Temperatures: 5cm: 14.3 C

10cm: 13.8 C

20cm: 18.42 C

