



IMPROVE LIFE.



Ontario Crops Research Centre – Bradford (Muck Station) IPM Report 2024

Forecasting, weather and degree day information as of 14 May 2024

Standard Growing Degree Day Model (starting 1 April):

MODELS	CUMULATIVE DEGREE DAYS	DEGREE DAYS SINCE LAST REPORT
Growing degree days (DD base 5)	214	51

Insect Degree Day Models:

MODELS	CUMULATIVE DEGREE DAYS	THRESHOLD ONE	THRESHOLD TWO	COMMENTS:
CARROT RUST FLY (DD base 3)	294	Emergence at 329-395 DD (1 st gen)	Emergence at 1399-1711 DD (2 nd gen)	Emergence not expected yet
ONION MAGGOT (DD base 4)	252	Emergence at 210 DD (1 st gen)	Emergence at 1025 DD (2 nd gen)	Emergence
CARROT WEEVIL (DD base 7)	148	Egg laying starts at 138-156 DD	Egg laying 90% complete at 455 DD	Activity has started
ASTER LEAFHOPPER (DD base 9)	92	Nymphs emerge at 128 DD	Adults emerge at 390 DD	Emergence not expected yet
TARNISHED PLANT BUG (DD base 12)	28	Activity can start at 40 DD		Activity not expected yet
CABBAGE MAGGOT (DD base 6)	179	Emergence at 314 DD (1 st gen)	Emergence at 847 DD (2 nd gen)	Emergence not expected yet
SEEDCORN MAGGOT (DD base 4)	252	Emergence at 200 DD (1 st gen)	Emergence at 600 DD (2 nd gen)	Activity

Disease Forecasting has begun and will be updated as crops start to develop.





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Daily Weather

Date (May)	Max temperature (°C)	Min temperature (°C)	Rain (mm)
8	17.8	8.0	9.8
9	16.7	5.8	0.0
10	16.7	8.9	0.2
11	16.2	8.4	0.0
12	19.2	9.2	0.0
13	24.5	11.2	9.8

Soil Temperature (°C): 5cm: 14.2

