



# Ontario Crops Research Centre – Bradford (Muck Station) IPM Forecasting 2026

Forecasting, weather and degree day information as of May 28

Standard Growing Degree Day Model (starting 1 April):

MODELS	CUMULATIVE DEGREE DAYS	DEGREE DAYS SINCE LAST REPORT
Growing degree days (DD base 5)	285	41

## Insect Degree Day Models:

MODELS	CUMULATIVE DEGREE DAYS	THRESHOLD ONE	THRESHOLD TWO	COMMENTS:
<b>CARROT RUST FLY</b> (DD base 3)	<b>375</b>	Emergence at 329-395 DD (1 <sup>st</sup> gen)	Emergence at 1399-1711 DD (2 <sup>nd</sup> gen)	1 <sup>st</sup> generation emergence
<b>ONION MAGGOT</b> (DD base 4)	<b>329</b>	Emergence at 210 DD (1 <sup>st</sup> gen)	Emergence at 1025 DD (2 <sup>nd</sup> gen)	1 <sup>st</sup> gen activity
<b>CARROT WEEVIL</b> (DD base 7)	<b>207</b>	Egg laying starts at 138-156 DD	Egg laying 90% complete at 455 DD	Activity
<b>ASTER LEAFHOPPER</b> (DD base 9)	<b>142</b>	Nymphs emerge at 128 DD	Adults emerge at 390 DD	Emergence
<b>TARNISHED PLANT BUG</b> (DD base 12)	<b>73</b>	Activity can start at 40 DD		Activity expected
<b>CABBAGE MAGGOT</b> (DD base 6)	<b>244</b>	Emergence at 314 DD (1 <sup>st</sup> gen)	Emergence at 847 DD (2 <sup>nd</sup> gen)	Awaiting emergence
<b>SEEDCORN MAGGOT</b> (DD base 4)	<b>329</b>	Emergence at 200 DD (1 <sup>st</sup> gen)	Emergence at 600 DD (2 <sup>nd</sup> 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)
25	24.9	11.0	0.0
26	28.9	13.3	0.0
27	23.9	14.4	0.0

Soil Temperature over the last 24 hours (°C): 5cm: 17.1



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