



MUCK CROPS RESEARCH STATION IPM 2016

Forecasting / weather information as of May 30, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	300	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	392	329-395 DD	1399-1711 DD	Reached 1st generation emergence threshold
ONION MAGGOT (DD base 4)	345	210 DD 1 st Gen	1025 DD 2 nd Gen	1st generation emergence near peak
CARROT WEEVIL (DD base 7)	216	138-156 DD Oviposition	455 DD 90% oviposition	Currently ovipositing
ASTER LEAFHOPPER (DD base 9)	150	128 DD	390 DD adult emerge	Reached egg maturation
TARNISHED PLANT BUG (DD base 12)	88	40 DD		Emergence threshold
CABBAGE MAGGOT (DD base 6)	345	314 DD 1 st Gen	847 DD 2 nd Gen	1st generation emergence
SEEDCORN MAGGOT (DD base 4)	690	200 DD 1 st Gen	600 DD 2 nd Gen	2nd generation emergence

Soil Temperatures

May 30: 5 cm = 21.8 °C
 10 cm = 20.4 °C
 20 cm = 17.4 °C

DATE (May, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
26	26.3	13.2	1.6
27	29.2	17.1	0
28	33.2	17.6	0
29	31.6	18.4	0

