



MUCK CROPS RESEARCH STATION IPM 2016

Forecasting / weather information as of June 24, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	628	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	771	329-395 DD	1399-1711 DD	Passed 1st generation peak
ONION MAGGOT (DD base 4)	698	210 DD 1 st Gen	1025 DD 2 nd Gen	Passed 1st generation
CARROT WEEVIL (DD base 7)	494	138-156 DD Oviposition	455 DD 90% oviposition	Reached 90% oviposition threshold
ASTER LEAFHOPPER (DD base 9)	371	128 DD	390 DD adult emerge	Close to adult emergence of local pop
TARNISHED PLANT BUG (DD base 12)	243	40 DD		Emerged
CABBAGE MAGGOT (DD base 6)	560	314 DD 1 st Gen	847 DD 2 nd Gen	1st generation emerged
SEEDCORN MAGGOT (DD base 4)	698	200 DD 1 st Gen	600 DD 2 nd Gen	Reached 2nd generation emergence threshold

Disease Forecasting

BOTCAST = 14 CDSI

DOWNCAST = no SIP in the last 7 days

BREMCAST = 2 SIP in the last 3 days

Soil Temperatures

June 24: 5 cm = 16.2 °C
10 cm = 15.8 °C
20 cm = 15.9 °C

DATE (June, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
21	26.1	10.9	0
22	24.2	12.8	0
23	24.7	7.7	0