



MUCK CROPS RESEARCH STATION IPM 2016

Forecasting / weather information as of June 16, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	499	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	626	329-395 DD	1399-1711 DD	Past 1st generation peak
ONION MAGGOT (DD base 4)	561	210 DD 1 st Gen	1025 DD 2 nd Gen	Passed 1st generation
CARROT WEEVIL (DD base 7)	382	138-156 DD Oviposition	455 DD 90% oviposition	Currently ovipositing
ASTER LEAFHOPPER (DD base 9)	281	128 DD	390 DD adult emerge	Reached egg maturation
TARNISHED PLANT BUG (DD base 12)	170.	40 DD		Emerged
CABBAGE MAGGOT (DD base 6)	439	314 DD 1 st Gen	847 DD 2 nd Gen	1st generation emerged
SEEDCORN MAGGOT (DD base 4)	561	200 DD 1 st Gen	600 DD 2 nd Gen	Close to 2nd generation emergence

Disease Forecasting

BOTCAST = 12 CDSI

DOWNCAST = no SIP in the last 7 days

BREMCAST = One SIP in the last 7 days

Soil Temperatures

June 16: 5 cm = 15.3 °C

10 cm = 14.1 °C

20 cm = 13.5 °C

DATE (June, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
13	17.3	9.7	1.1
14	24.5	4.4	0
15	26.3	5.7	0

