



MUCK CROPS RESEARCH STATION IPM 2016

Forecasting / weather information as of June 30, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	724	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	879	329-395 DD	1399-1711 DD	Passed 1st generation peak
ONION MAGGOT (DD base 4)	800	210 DD 1 st Gen	1025 DD 2 nd Gen	Passed 1st generation
CARROT WEEVIL (DD base 7)	578	138-156 DD Oviposition	455 DD 90% oviposition	Reached 90% oviposition threshold
ASTER LEAFHOPPER (DD base 9)	450	128 DD	390 DD adult emerge	Adult emergence of local population
TARNISHED PLANT BUG (DD base 12)	297	40 DD		Emerged
CABBAGE MAGGOT (DD base 6)	650	314 DD 1 st Gen	847 DD 2 nd Gen	Passed 1st generation
SEEDCORN MAGGOT (DD base 4)	800	200 DD 1 st Gen	600 DD 2 nd Gen	2nd generation emerging

Disease Forecasting

BOTCAST = 15 CDSI

DOWNCAST = no SIP in the last 7 days

BREMCAST = 3 SIP in the last 3 days

Soil Temperatures

June 30: 5 cm = 20.6 °C

10 cm = 19.5 °C

20 cm = 18.6 °C

DATE (June, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
27	31.7	19.8	0
28	20.9	14.4	0
29	24.9	12.1	0

