



MUCK CROPS RESEARCH STATION IPM 2016

Forecasting / weather information as of July 14, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	897	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1140	329-395 DD	1399-1711 DD	Past 1st generation
ONION MAGGOT (DD base 4)	1047	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached 2nd generation emergence threshold
CARROT WEEVIL (DD base 7)	784	138-156 DD Oviposition	455 DD 90% oviposition	Past 90% oviposition
CABBAGE MAGGOT (DD base 6)	869	314 DD 1 st Gen	847 DD 2 nd Gen	Reached 2nd generation emergence threshold
SEEDCORN MAGGOT (DD base 4)	1047	200 DD 1 st Gen	600 DD 2 nd Gen	2nd generation emerged

Disease Forecasting

BOTCAST = 12 CDSI

DOWNCAST = no SIP in the last 3 days

BREMCAST = 0 SIP in the last 3 days

Soil Temperatures

July 14: 5 cm = 29.8 °C

10 cm = 26.0 °C

20 cm = 22.7 °C

DATE (July, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
11	27.3	12.84	0
12	32.43	18.2	0
13	35.07	22.61	0

