

MUCK CROPS RESEARCH STATION IPM 2016

Forecasting / weather information as of August 7, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1339	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1625	329-395 DD	1399-1711 DD	2nd generation peaking
ONION MAGGOT (DD base 4)	1507	210 DD 1 st Gen	1025 DD 2 nd Gen	2nd generation emergence continues
CARROT WEEVIL (DD base 7)	1168	138-156 DD Oviposition	455 DD 90% oviposition	Past 90% oviposition
CABBAGE MAGGOT (DD base 6)	1279	314 DD 1 st Gen	847 DD 2 nd Gen	2nd generation emerged
SEEDCORN MAGGOT (DD base 4)	1507	600 DD 2 nd Gen	1000 DD 3 rd Gen	3rd generation emerged

Disease Forecasting

BOTCAST = 17 CDSI

DOWNCAST = no SIP in the last 7 days

BREMCAST = no SIP in the last 7 days

Soil Temperatures

August 7: 5 cm = 19.52 °C

10 cm = 19.31 °C

20 cm = 21.68 °C

DATE (August, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
5	32.19	19.65	5.5
6	27.8	15.92	0
7	26.31	14.42	0