



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of August 25, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1643			
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1920	329-395 DD	1399-1711 DD	Past the 2nd generation emergence threshold
ONION MAGGOT (DD base 4)	1781	210 DD 1 st Gen	1025 DD 2 nd Gen	Past the 2nd generation peak
CARROT WEEVIL (DD base 7)	1377	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (August, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
21	22.5	12.9	0.4
22	25.7	6.8	0
23	25.8	8.6	0
24	23.8	15.2	7.2

Disease Forecasting

BOTCAST: 63 CDSI

DOWNCAST: One sporulation infection period in the last 4 days.

BREMCAST: Four sporulation infection periods in the last 4 days.

Soil Temperatures

August 25: 5 cm = 20.6 °C

10 cm = 20.9 °C

20 cm = 20.6 °C

