



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of August 11, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1422			
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1671	329-395 DD	1399-1711 DD	Reached the 2 nd generation emergence threshold
ONION MAGGOT (DD base 4)	1546	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached the 2 nd generation emergence threshold
CARROT WEEVIL (DD base 7)	1184	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (July/August, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
7	24.9	10.1	0
8	24.2	11.1	0
9	27.0	8.5	0
10	25.3	9.1	23.4

Disease Forecasting

BOTCAST: 50 CDSI

DOWNCAST: No sporulation infection period in the last 4 days.

BREMCAST: Nine sporulation infection periods in the last 9 days.

Soil Temperatures

August 11:
 5 cm = 18.9 °C
 10 cm = 20.1 °C
 20 cm = 20.8 °C

