



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of July 28, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1267			
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1496	329-395 DD	1399-1711 DD	Reached the 2nd generation emergence threshold
ONION MAGGOT (DD base 4)	1382	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached the 2nd generation emergence threshold
CARROT WEEVIL (DD base 7)	1054	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (July, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
28	34.1	12.7	0
29	33.5	16.3	0
30	29.9	18.7	0

Disease Forecasting

BOTCAST: 38 CDSI

DOWNCAST: No sporulation infection period in the last 3 days.

BREMCAST: Three sporulation infection periods in the last 6 days.

Soil Temperatures

July 28:
 5 cm = 26.3 °C
 10 cm = 25.6 °C
 20 cm = 24.2 °C

