



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of August 18, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1540			
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1802	329-395 DD	1399-1711 DD	Reached the 2nd generation emergence threshold
ONION MAGGOT (DD base 4)	1670	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached the 2nd generation emergence threshold
CARROT WEEVIL (DD base 7)	1287	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (July/August, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
14	27.2	19.5	0.6
15	30.9	17.0	0
16	31.7	15.4	0
17	32.7	20.1	0

Disease Forecasting

BOTCAST: 59 CDSI

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

BREMCAS: No sporulation infection periods in the last 4 days.

Soil Temperatures

August 18: 5 cm = 27.3 °C

10 cm = 25.5 °C

20 cm = 23.1 °C

