



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of August 28, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1676			
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1958	329-395 DD	1399-1711 DD	Past the 2nd generation emergence threshold
ONION MAGGOT (DD base 4)	1816	210 DD 1 st Gen	1025 DD 2 nd Gen	Past the 2nd generation peak
CARROT WEEVIL (DD base 7)	1403	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (August, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
25	20.1	10.5	0.2
26	19.5	13.6	0
27	19.2	12.1	0.1

Disease Forecasting

BOTCAST: 69 CDSI

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

BREMCAST: 8 sporulation infection periods in the last 8 days.

Soil Temperatures

August 28: 5 cm = 17.3 °C

10 cm = 17.8 °C

20 cm = 18.4 °C

