



## MUCK CROPS RESEARCH STATION IPM 2015

### Forecasting / weather information as of August 21, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
<b>GROWING DEGREE DAYS</b> (DD base 5)	1593			
Insect Degree Day Models:				
<b>CARROT RUST FLY</b> (DD base 3)	1861	329-395 DD	1399-1711 DD	<b>Past the 2nd generation emergence threshold</b>
<b>ONION MAGGOT</b> (DD base 4)	1726	210 DD 1 <sup>st</sup> Gen	1025 DD 2 <sup>nd</sup> Gen	<b>Past the 2<sup>nd</sup> generation peak</b>
<b>CARROT WEEVIL</b> (DD base 7)	1334	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (August, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
18	27.8	17.9	2.2
19	29.3	18.2	2.2
20	25.5	17.2	16.7

### Disease Forecasting

**BOTCAST:** 59 CDSI

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

**BREMCAS:** One sporulation infection periods in the last 3 days.

### Soil Temperatures

**August 21:** 5 cm = 22.2 °C

10 cm = 23.1 °C

20 cm = 22.9 °C

