



## 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:				
<b>GROWING DEGREE DAYS</b> (DD base 5)	1462			
Insect Degree Day Models:				
<b>CARROT RUST FLY</b> (DD base 3)	1717	329-395 DD	1399-1711 DD	<b>Reached the 2<sup>nd</sup> generation emergence threshold</b>
<b>ONION MAGGOT</b> (DD base 4)	1589	210 DD 1 <sup>st</sup> Gen	1025 DD 2 <sup>nd</sup> Gen	<b>Reached the 2<sup>nd</sup> generation emergence threshold</b>
<b>CARROT WEEVIL</b> (DD base 7)	1218	138-156 DD Oviposition	455 DD 90% oviposition	

DATE (July/August, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
11	24.7	15.8	0.5
12	21.7	11.9	0
13	27.5	7.9	0.3

### Disease Forecasting

**BOTCAST:** 55 CDSI

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

**BREMCAS:** 11 sporulation infection periods in the last 12 days.

### Soil Temperatures

**August 14:** 5 cm = 20.6 °C  
10 cm = 19.8 °C  
20 cm = 19.3 °C

