



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of July 21, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1099	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1306	329-395 DD	1399-1711 DD	Nearing the 2 nd generation threshold
ONION MAGGOT (DD base 4)	1202	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached the 2 nd generation emergence threshold
ASTER LEAFHOPPER (DD base 9)	717	128 DD	390 DD adult emerge	Reached emergence
TARNISHED PLANT BUG (DD base 12)	474	40 DD		Reached emergence

DATE (July, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
17	21.4	12.9	2.1
18	31.7	18.6	0
19	31.7	18.8	0
20	29.7	14.1	0.8

Disease Forecasting

BOTCAST: 35 CDSI

DOWNCAST: No sporulation infection period in the last 5 days.

BREMCAST: Three sporulation infection periods in the last 5 days.

Soil Temperatures

July 21:

- 5 cm = 23.6 °C
- 10 cm = 23.5 °C
- 20 cm = 22.2 °C

