



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of July 3, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	830	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1001	329-395 DD	1399-1711 DD	Past the 1st generation
ONION MAGGOT (DD base 4)	914	210 DD 1 st Gen	1025 DD 2 nd Gen	Nearing 2nd generation threshold
CARROT WEEVIL (DD base 7)	670	138-156 DD Oviposition	455 DD 90% oviposition	Reached the 90% oviposition threshold
ASTER LEAFHOPPER (DD base 9)	520	128 DD	390 DD adult emerge	Reached emergence
TARNISHED PLANT BUG (DD base 12)	331	40 DD		Reached emergence

DATE (June/July, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
30	21.5	11.3	1.3
1	21.4	14.8	0.1
2	21.2	10.7	0

Disease Forecasting

BOTCAST: 26 CDSI

DOWNCAST: No sporulation infection periods in the last 3 days.

BREMCAS: No sporulation infection periods in the last 3 days.

Soil Temperatures

July 3: 5 cm = 18.1 °C

10 cm = 18.5 °C

20 cm = 17.9 °C

