MUCK CROPS RESEARCH STATION IPM 2014

Forecasting / weather information as of June 9, 2014

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	430.4	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	551.8	329-395 DD	1399-1711 DD	**1st generation emergence threshold has been reached**
ONION MAGGOT (DD base 4)	489.3	210 DD 1st Gen	1025 DD 2nd Gen	**1st generation emergence threshold has been reached**
CARROT WEEVIL (DD base 7)	320.9	138-156 DD Oviposition	455 DD 90% Ovipostion	**Reached threshold for the start of laying eggs**
ASTER LEAFHOPPER (DD base 9)	232.5	128 DD	390 DD adult emerge	**1st generation emergence threshold has been reached**
TARNISHED PLANT BUG (DD base 12)	132.1	40 DD		**Reached threshold for adult emergence**

DATE (June,2013)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
5	18.49	8.02	0
6	25.77	5.771	0
7	28.91	2.858	2.3
8	22.73	8.47	2.1

Soil Temperatures

June 9: 10 cm = 15.8ºC; 20 cm = 14.6ºC