



MUCK CROPS RESEARCH STATION IPM 2014

Forecasting / weather information as of June 16, 2014

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	525.8	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	661.1	329-395 DD	1399-1711 DD	1st generation emergence threshold has been reached
ONION MAGGOT (DD base 4)	591.7	210 DD 1 st Gen	1025 DD 2 nd Gen	1st generation emergence threshold has been reached
CARROT WEEVIL (DD base 7)	402.3	138-156 DD Oviposition	455 DD 90% Oviposition	Reached threshold for the start of laying eggs
ASTER LEAFHOPPER (DD base 9)	299.8	128 DD	390 DD adult emerge	1st generation emergence threshold has been reached
TARNISHED PLANT BUG (DD base 12)	178.5	40 DD		Reached threshold for adult emergence

DATE (June,2013)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
12	27.27	17.61	8.5
13	24.26	10.85	1
14	19.69	8.7	0
15	24.92	6.019	0

Soil Temperatures

June 16: 10 cm = 20.9°C; 20 cm = 15.4°C

