



MUCK CROPS RESEARCH STATION IPM 2014

Forecasting / weather information as of May 7, 2014

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	88.1	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	143.5	329-395 DD	1399-1711 DD	Not close to the 1st generation emergence
ONION MAGGOT (DD base 4)	114.0	210 DD 1 st Gen	1025 DD 2 nd Gen	Close to the DD threshold for the 1st generation emergence
CARROT WEEVIL (DD base 7)	44.7	138-156 DD Oviposition	455 DD 90% oviposition	Not close to the start of laying eggs
ASTER LEAFHOPPER (DD base 9)	17.4	128 DD	390 DD adult emerge	Not close for the 1st generation emergence.
TARNISHED PLANT BUG (DD base 12)	4.1	40 DD		Not close to the DD threshold for emergence

DATE (May,2013)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
1	15.7	6.5	0.8
2	12.9	5.7	0.3
3	13.5	5.5	2.8
4	13.3	3.8	0.8
5	15.2	1.3	0
6	14.9	1.9	0

Soil Temperatures

May 6: 10 cm = 7.7°C; 20 cm = 5.8°C

