

MUCK CROPS RESEARCH STATION IPM 2013

Forecasting / weather information as of June 10, 2013

MODELS	CUM DEGREE DAYS (DD)	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	476.4	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	593.8	329-395 DD	1399-1711 DD	Reached DD threshold for the 1st generation emergence
ONION MAGGOT (DD base 4)	533.4	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached DD threshold for the 1st generation emergence
CARROT WEEVIL (DD base 7)	370.3	138-156 DD Oviposition	455 DD 90% oviposition	Reached DD threshold to start laying eggs
ASTER LEAFHOPPER (DD base 9)	278.4	128 DD	390 DD adult emerge	Reached DD threshold for hatching of the overwintered eggs.
TARNISHED PLANT BUG (DD base 12)	162.3	40 DD		Reached DD threshold for emergence

DATE (June,2013)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
06	15.7	11.2	7.5
07	16.2	11.4	0
08	21.8	11.5	0
09	25.5	8.5	0

Soil Temperatures

June 9: 5 cm = 17.3°C; 10 cm = 16.1°C; 20 cm = 14.4°C