

MUCK CROPS RESEARCH STATION IPM 2018

Forecasting / weather information as of May 29, 2018

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model (Start April 1, 2017):				
GROWING DEGREE DAYS (DD base 5)	378	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	460	329-395 DD	1399-1711 DD	First generation emergence, detected in Holland Marsh
ONION MAGGOT (DD base 4)	417	210 DD 1 st Gen	1025 DD 2 nd Gen	First generation emergence, detected in Holland Marsh
CARROT WEEVIL (DD base 7)	301	138-156 DD Oviposition	455 DD 90% oviposition	Oviposition has begun, confirmed in field
ASTER LEAFHOPPER (DD base 9)	230	128 DD	390 DD adult emerge	Nymph stage
TARNISHED PLANT BUG (DD base 12)	139	40 DD		Active, adults detected
CABBAGE MAGGOT (DD base 6)	339	314 DD 1 st Gen	847 DD 2 nd Gen	First generation emergence, detected in Holland Marsh
SEEDCORN MAGGOT (DD base 4)	417	200 DD 1 st Gen	600 DD 2 nd Gen	First generation emergence, detected in Holland Marsh

DATE	(May)	TEMPERATURE		Rain (mm)
		MAX	MIN	
	29	29.9	15.3	0
	30	30.7	16.5	0.2
	31	31.5	22.4	7.6