

MUCK CROPS RESEARCH STATION IPM 2018

Forecasting / weather information as of September 7, 2018

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model (Start April 1, 2017):				
GROWING DEGREE DAYS (DD base 5)	1935	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	2212	329-395 DD	1399-1711 DD	2nd generation, captured in field
ONION MAGGOT (DD base 4)	2072	210 DD 1 st Gen	1025 DD 2 nd Gen	2nd generation, captures minimal
CARROT WEEVIL (DD base 7)	1662	138-156 DD Oviposition	455 DD 90% oviposition	2nd generation is possible, but exact determination is not available
ASTER LEAFHOPPER (DD base 9)	1395	128 DD	390 DD adult emerge	Adults detected, aster yellows detected
TARNISHED PLANT BUG (DD base 12)	1011	40 DD		Active, adults detected
CABBAGE MAGGOT (DD base 6)	1798	314 DD 1 st Gen	847 DD 2 nd Gen	2nd generation
SEEDCORN MAGGOT (DD base 4)	2072	200 DD 1 st Gen	600 DD 2 nd Gen	2nd Generation

DATE (August, 2018)	TEMPERATURE		RAIN (mm)
	MAX	MIN	
31	24.1	11.2	0.2
1	28.7	10.7	0
2	29.9	22.0	1.0
3	31.9	19.8	0
4	29.9	17.0	0
5	34.3	19.1	1.0
6	26.0	14.8	0