

MUCK CROPS RESEARCH STATION IPM 2016

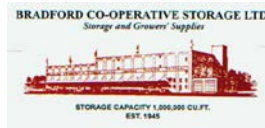
Forecasting / weather information as of May 26, 2016

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	226	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	311	329-395 DD	1399-1711 DD	Nearing the 1st generation emergence threshold
ONION MAGGOT (DD base 4)	268	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached the 1st generation emergence threshold
CARROT WEEVIL (DD base 7)	151	138-156 DD Oviposition	455 DD 90% oviposition	Reached DD threshold for oviposition
ASTER LEAFHOPPER (DD base 9)	93	128 DD	390 DD adult emerge	Nearing DD threshold for emergence
TARNISHED PLANT BUG (DD base 12)	43	40 DD		Reached the DD threshold for emergence
CABBAGE MAGGOT (DD base 6)	230	314 DD 1 st Gen	847 DD 2 nd Gen	Not yet reached the 1st generation emergence threshold
SEEDCORN MAGGOT (DD base 4)	498	200 DD 1 st Gen	600 DD 2 nd Gen	Reached the 1st generation emergence threshold

Soil Temperatures

May 26: 5 cm = 19.7 °C
 10 cm = 17.8 °C
 20 cm = 14.9 °C





DATE (May, 2016)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
1	10.4	6.6	3.4
2	15.7	3.0	0
3	17.0	1.6	0
4	18.0	1.0	0
5	18.7	2.7	0
6	23.5	4.6	0
7	19.4	4.2	0.2
8	13.4	3.0	1.5
9	14.6	0.0	0
10	18.2	-1.5	0
11	22.3	-0.1	0
12	25.6	2.7	3.7
13	19.6	10.0	19.4
14	12.6	2.6	5.8
15	6.2	1.4	1.4
16	16.5	1.3	7.8
17	16.4	2.3	0.1
18	17.3	2.1	0
19	21.1	8.1	0
20	23.9	3.5	0
21	24.9	8.8	0
22	21.7	9.7	0
23	27.6	5.6	0
24	29.8	6.4	0
25	29.8	13.5	0

