



MUCK CROPS RESEARCH STATION IPM 2014

Forecasting / weather information as of September 22, 2014

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	1866.5	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	2197.8	329-395 DD	1399-1711 DD	Reached threshold for 2nd generation emergence
ONION MAGGOT (DD base 4)	2030.3	210 DD 1 st Gen	1025 DD 2 nd Gen	Reached threshold for 2nd generation emergence
ASTER LEAFHOPPER (DD base 9)	1546.9	128 DD eggs hatch	390 DD adult emerge	
TARNISHED PLANT BUG (DD base 12)	844.2	40 DD		

The risk of downy mildew of lettuce at this time is high.

DATE (September,2014)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
8	23.52	7.04	0
9	22.78	15.05	0
10	22.90	13.68	26.7
11	23.10	10.56	0.2
12	15.27	7.51	0
13	13.47	6.14	5.8
14	15.48	4.41	0
15	18.43	5.84	2.6
16	19.84	6.49	0.2
17	21.22	3.52	0
18	14.82	1.66	0
19	19.05	0.15	0
20	25.76	5.33	0
21	24.77	8.75	22.9

Soil Temperatures

September 22: 10 cm = 17.3, 20 cm = 16.0°C

