

MUCK CROPS RESEARCH STATION IPM 2013

Forecasting / weather information as of October 01, 2013

MODELS	CUM DEGREE DAYS (DD)	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	2048.9	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	2391.9	329-395 DD	1399-1711 DD	Past DD threshold for the 2nd generation emergence
ASTER LEAFHOPPER (DD base 9)	1398.4	128 DD	390 DD adult emerge	Past DD threshold for local adult emergence
TARNISHED PLANT BUG (DD base 12)	956.7	40 DD		Past DD threshold for emergence

Disease forecast

Risk of downy mildew on lettuce is moderate. Downy mildew has been confirmed on lettuce in the Holland Marsh.

DATE (September, 2013)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
24	20.5	0.5	0
25	21.8	2.2	0
26	23.9	4.4	0.1
27	23.8	5.2	0
28	22.3	5.4	0.1
29	23.2	9.8	0.4
30	23.0	13.9	4.6

Soil Temperatures

September 30: 10 cm = 16.5°C; 20 cm = 15.6°C