



MUCK CROPS RESEARCH STATION IPM 2015

Forecasting / weather information as of July 7, 2015

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model:				
GROWING DEGREE DAYS (DD base 5)	885	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	1063	329-395 DD	1399-1711 DD	Past the 1st generation
ONION MAGGOT (DD base 4)	973	210 DD 1 st Gen	1025 DD 2 nd Gen	Nearing 2nd generation threshold
CARROT WEEVIL (DD base 7)	717	138-156 DD Oviposition	455 DD 90% oviposition	Reached the 90% oviposition threshold
ASTER LEAFHOPPER (DD base 9)	559	128 DD	390 DD adult emerge	Reached emergence
TARNISHED PLANT BUG (DD base 12)	358	40 DD		Reached emergence

DATE (July, 2015)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
3	23.9	7.2	0
4	26.94	8.7	0
5	28.36	11.86	0
6	28.24	13.85	0

Disease Forecasting

BOTCAST: 27 CDSI

DOWNCAST: one sporulation infection period in the last 4 days.

BREMCAST: No sporulation infection periods in the last 4 days.

Soil Temperatures

July 7:
 5 cm = 23.2°C
 10 cm = 22.6 °C
 20 cm = 20.2 °C

