



Bayer CropScience

IMPROVE LIFE.



MUCK CROPS RESEARCH STATION IPM 2018

Forecasting / weather information as of May 23, 2018

MODELS	CUM DEGREE DAYS	THRESHOLDS		COMMENTS:
		ONE	TWO	
Standard Growing Degree Day Model (Start April 1, 2017):				
GROWING DEGREE DAYS (DD base 5)	223	not applicable	not applicable	
Insect Degree Day Models:				
CARROT RUST FLY (DD base 3)	288	329-395 DD	1399-1711 DD	Near first generation emergence
ONION MAGGOT (DD base 4)	254	210 DD 1 st Gen	1025 DD 2 nd Gen	First generation emergence
CARROT WEEVIL (DD base 7)	165	138-156 DD Oviposition	455 DD 90% oviposition	Oviposition has begun
ASTER LEAFHOPPER (DD base 9)	112	128 DD	390 DD adult emerge	
TARNISHED PLANT BUG (DD base 12)	48	40 DD		
CABBAGE MAGGOT (DD base 6)	194	314 DD 1 st Gen	847 DD 2 nd Gen	
SEEDCORN MAGGOT (DD base 4)	254	200 DD 1 st Gen	600 DD 2 nd Gen	First generation emergence

ENGAGE AGRO

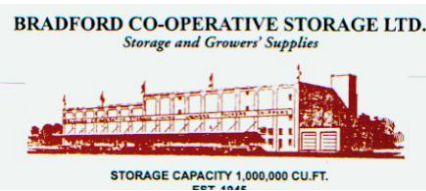
member of the Belchim Group

FMC

syngenta

BASF

We create chemistry



IMPROVE LIFE.

DATE (MONTH, 2018)	TEMPERATURE (°C)		RAIN (mm)
	MAX	MIN	
1	18.68	-1.149	0
2	27.39	1.663	1.8
3	26.37	15.81	5.6
4	21.65	8.8	4.4
5	24.53	7.949	0
6	23.98	6.419	0
7	20.68	6.172	0
8	18.92	5.974	0
9	22.98	3.013	0
10	26.25	5.463	3.8
11	19.18	5.711	0
12	12.81	3.77	0
13	18.21	4.082	0
14	21.3	4.197	0
15	26.05	4.838	27
16	19.05	8.7	0
17	23.61	4.938	0
18	22.16	9.61	0
19	19.81	5.53	3.6
20	17.67	10.4	3
21	17.65	7.519	0
22	24.43	2.06	5.2
23	17.68	11.2	0