

Platinum Chemigation Study – 2003

Location: Donald Steen's, Laurel, DE

Injection Date: May 29, 2003

Sprayed with Actara 3 oz/A -- June 10

Rate Based on Mulched Acre : 3 acres x 8 oz/A

I. Platinum Section

Date	Melon Aphids/50 plants		Cucumber Beetles/50 plants	Spider Mites	
	% Infested Plants	Total Number Aphids	Total Number Beetles	% Infested Plants	# mites/ 250 leaves
5/30	72	37	6	0	0
6/2	30	40	34	0	0
6/6	8	17	41	0	0
6/13	0	0	0	0	0
6/24	0	0	0	0	0
7/1	0	0	0	22	223
7/8	0	0	1	10	16
7/17	0	0	0	24	48
7/24	6	10	3	28	93

II. Untreated Section

Date	Melon Aphids/50 plants		Cucumber Beetles/50 plants	Spider Mites	
	% Infested Plants	Total Number Aphids	Total Number Beetles	% Infested Plants	# mites/250 leaves
5/30	48	86	0	0	0
6/2	24	17	41	1	1
6/6	22	26	132	0	0
6/13	2	1	10	2	2
6/24	0	0	2	6	14
7/1	0	0	0	8	20
7/8	0	0	1	20	42
7/17	0	0	0	12	10
7/24	18	12	0	4	8