

Platinum – Insect Management in Watermelon Demonstration – 2004

Location: Laurel, DE

Grower: Mark Collins

Injection Date: May 10

Rate: 5 oz/acre

Sampling Scheme – 5 consecutive plants in 10 locations per block

I. Plantinum Treated Block

Date	Aphids		Cucumber Beetles		Spider Mites	
	% Infested Plants	# per leaf	% Infested Plants	#/plant	% Infested Plants	# per leaf
May 10 – Pre-trt	18	0.04	0	0	0	0
May 17	4	0.008	2	0.02	4	0.02
May 24	4	0.01	0	0	0	0
June 1	0	0	0	0	22	1.14
June 9	14	0.08	8	0.14	16	0.11
June 16	0	0	4	0.04	14	0.42
June 23	0	0	0	0	32	1.50
June 29	0	0	0	0	34	1.24

II. Untreated Treated Block

Date	Aphids		Cucumber Beetles		Spider Mites	
	% Infested Plants	# per leaf	% Infested Plants	#/plant	% Infested Plants	# per leaf
May 10 Pre-trt	26	0.10	0	0	4	0.01
May 17	16	0.16	0	0	6	0.02
May 24	28	0.11	10	0.12	8	0.04
June 1	18	0.37	14	0.22	2	0.02
June 9	6	0.05	10	0.10	8	0.06
June 16	8	0.13	4	0.08	26	0.36
June 23	4	0.02	0	0	18	0.16
June 29	2	0.01	2	0.02	10	0.05