

## Vydate– Insect Management in Watermelon Demonstration – 2004

Location: Laurel, DE

Grower: Donald Steen

Injection Date: May 10

Rate: May 21 – 2 qt/A; June 4 – 1 qt/A; June 17 – 1 qt/A

Agri-Mek for Mites – 8 oz/a on June 28

Sampling Scheme – 5 consecutive plants in 10 locations per block

### I. Vydate Treated Block

Date	Aphids		Cucumber Beetles		Spider Mites	
	% Infested Plants	# per leaf	% Infested Plants	#/plant	% Infested Plants	# per leaf
May 19 – Pre-trt	48	0.36	2	0.02	12	0.02
May 24	2	0.01	0	0	10	0.07
June 1	0	0	2	0.02	24	0.21
June 9	0	0	8	0.16	16	0.16
June 16	0	0	8	0.12	30	0.53
June 23	0	0	4	0.04	30	1.48
June 30	----	----	----	----	30	2.28

### II. Untreated Treated Block

Date	Aphids		Cucumber Beetles		Spider Mites	
	% Infested Plants	# per leaf	% Infested Plants	#/plant	% Infested Plants	# per leaf
May 19 Pre-trt	56	0.46	0	0	0	0
May 24	36	0.39	0	0	10	0.12
June 1	10	0.12	2	0.02	18	0.23
June 9	12	0.29	12	0.14	10	0.08
June 16	14	0.61	0	0	36	0.68
June 23	30	0.86	1	0.02	40	3.32
June 30	---	---	---	---	35	3.35