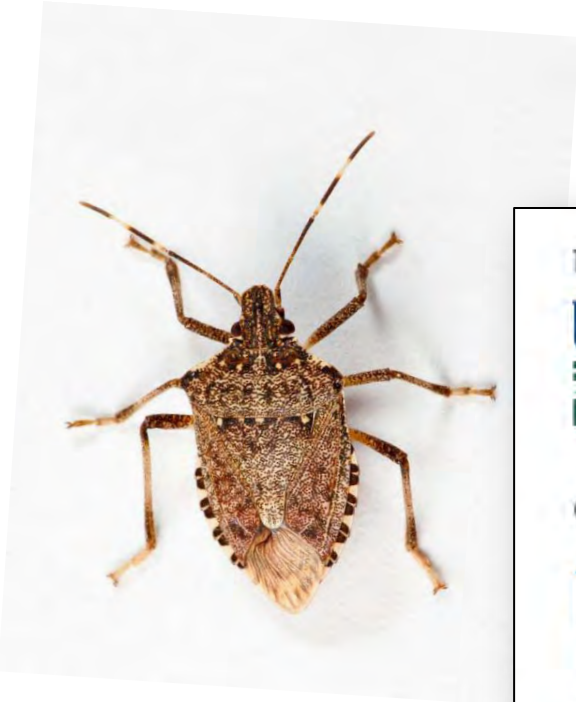


3.1 & 3.2 Crop Specific IPM Programs (Vineyards)



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Collaborating Institutions



Cornell University



3.1 & 3.2 Crop Specific IPM Programs (Vineyards)

Background

Elimination of pyrethroids from PMG
Starting in 2010

Treatments effective in removing BMSB from
clusters at harvest

3.1 & 3.2 Crop Specific IPM Programs (Vineyards)

Kaolin treatment in vineyard – Lamp, O’Leary, DeLay, UMd

Table 2. T-test results comparing kaolinite treatments with (A) number of BMSB adults, (B) number of nymphs, and (C) number of egg masses found per plot per 3 minutes on treated and untreated plots.

A - Adults

<u>Scouting date</u>	<u>Date of application</u>	<u>Treated plot mean</u>	<u>Untreated plot mean</u>	<u>t value</u>	<u>P</u>
06/13/12		0.375	0	2.0476	0.0598
06/20/12		0	0.125	0.9987	0.3349
06/27/12		0	0.125	0.9987	0.3349
07/05/12	07/02/12	0	0		
07/11/12		0.125	0.125	0.0056	0.9956
07/18/12	07/15/12	0.125	0	0.9987	0.3349
07/25/12		0.125	0.25	0.6066	0.5538
08/01/12		0	0		
08/08/12	08/03/12	0.125	0.125	0.0056	0.9956
08/15/12		0.5	0	1.8707	0.0824
08/22/12		3.125	3	0.0677	0.947
08/28/12		11.625	14.625	0.3937	0.6997
09/11/12		0.25	0.125	0.6066	0.5538

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Kaolin treatment in vineyard – Lamp, O’Leary, DeLay, UMd

B - Nymphs

<u>Scouting date</u>	<u>Date of application</u>	<u>Treated plot mean</u>	<u>Untreated plot mean</u>	<u>t value</u>	<u>P</u>
06/13/12		0	0		
06/20/12		0.125	0.25	0.1005	0.9214
06/27/12		0.125	0.125	0.0056	0.9956
07/05/12	07/02/12	0	0.125	0.9987	0.3349
07/11/12		0	4.125	1.2007	0.2498
07/18/12	07/15/12	0.125	4.875	1.1391	0.2738
07/25/12		0	2	1.8148	0.091
08/01/12		0	0.125	0.9987	0.3349
08/08/12	08/03/12	0	0		
08/15/12		0.375	0.125	0.8582	0.4052
08/22/12		0	0		
08/28/12		0.625	1.75	1.6238	0.1267
09/11/12		0	0		

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