

BMSB Survey Results

Data Collection

NEIPMC—Online from April-June 2014 (360)

Eric Day, Virginia Polytechnic Institute —Paper Survey Winter and Spring 2014 (776)

35 states and three counties represented (9 paper, 35 online)

Occupation	All	Paper (n=757)	Online (n=298)
Grower/Farmer	64.6%	60.9%	66%
Farm Manager	10.5%	12%	8%
Farm Worker	13.9%	17.4%	3%
Other	11%	9.7%	23%

BMSB Identification

	Percentage Identified	
	Paper (n=757)	Online (n=202)
Both	37.5%	45.5%
Adult only	51.8%	63.8%
Nymph only	3.3%	36.8%
Neither	7.4%	26.9%

BMSB Damage

Crop	Never	2012	2013	Both Years	Do not grow
Corn	23.3%	7.8%	9.5%	20.6%	38.8%
Tree Fruit	11.2%	7.9%	8.2%	39.5%	33.3%
Pepper or Tomato	15.8%	4.5%	11.2%	21.5%	46.8%
Soy or Green Bean	16.8%	3.4%	10%	20.3%	49.5%

- 45% of growers reported losses (online survey → loss range was \$50 to \$350,000, with a mean of \$16,283 and a median of \$4,500)
- 79% of growers said they thought it was likely or very likely they would be threatened.

BMSB Pest Management

Paper and Online:

- 73% growers practiced IPM (73%)

Online Data Only:

- 57% increased pesticide use
- 56% increased in scouting.
- 22% of reported using trap-based monitoring
- 13% reported using biological controls.

BMSB Information Needs

Information Top Four:

- Scouting
- Sprays
- Trapping
- BMSB biology and behavior.

Communication Top Four:

- in-person meetings,
- extension educators,
- extension publications
- websites/email.

Next Steps

- Collect data again this Winter/Spring
- Recruit growers, try and increase participation by 20%
- Collect same data in both paper and online surveys