

BMSB Survey Results

Secondary Analysis of BMSB Survey Data

Identification

- ❑ 37% of reporters properly identified both the adult and nymph BMSB; 56.9% identified either the adult or nymph; and 6.1% did not properly identify either.
- ❑ Only 43.2% of those reporting scouting for BMSB properly identified both the adult and nymph BMSB.
- ❑ Only 42.9% of those reporting using IPM properly identified both the adult and nymph BMSB.
- ❑ Those able to identify BMSB reported greater percentage and amount of profit loss due to BMSB.

Use of IPM Tactics

- ❑ There was more loss reported in both percentage and amount for farmers using IPM.
- ❑ There was more loss reported in both percentage and amount for farmers that reported scouting for BMSB.
- ❑ If any control tactics were used, the majority of reporters used sprays as their means of pest control, with only 5 reporting the use of traps and only 2 using biological sprays.
- ❑ Those using IPM reported a greater number of damaged crops compared to those not using IPM.
- ❑ Participants that reported using IPM indicted being stressed by the BMSB more often than those not using IPM.

Preferred Communication Methods and Information Needed Most

Participants were asked the following, the choices reported are based on responses from Growers, Farm Managers and Farm Workers:

☐ Preferred Communication Methods (ordered in importance):

- ✧ In person meetings
- ✧ Cooperative Extension pamphlets, publications
- ✧ Extension Educators

☐ BMSB information needed most (ordered in importance)

- ✧ Insecticides (what to spray; how to spray)
- ✧ Scouting (how to sample)
- ✧ BMSB biology and behavior

Preferred Communications Method Based on Most Needed Information

- Insecticides (what to spray, how to spray)
 - Cooperative Extension pamphlets and publications
 - In-person meetings
 - Extension Educators
- Scouting (how to sample)
 - Cooperative Extension pamphlets and publications
 - In-person meetings
 - Extension Educators
- BMSB Biology and Behavior
 - In-person meetings
 - Cooperative Extension pamphlets and publications (tied for 2nd)
 - Extension Educators (tied for 2nd)

Next Steps

- ❑ Assess the possibility of administering another survey
- ❑ Revise current survey, based on previous findings.
 - Administer to only growers, farm managers and farm workers
 - Delete questions with low reliability (i.e. damage assessment)
 - Assess need for additional questions based on learnings from past year