The background of the slide features a large, faint watermark of the Rutgers University seal. The seal is circular and contains the text "RUTGERS UNIVERSITY" around the perimeter and "1823" at the bottom. The seal is centered and overlaps the text on the slide.

RUTGERS

New Jersey Agricultural
Experiment Station

Status of On-Going Projects in NJ

George C. Hamilton

Specialist in Pest Management

Rutgers Cooperative Extension

Average Number of BMSB Per Night

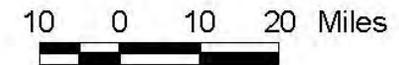
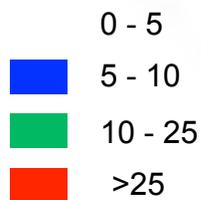
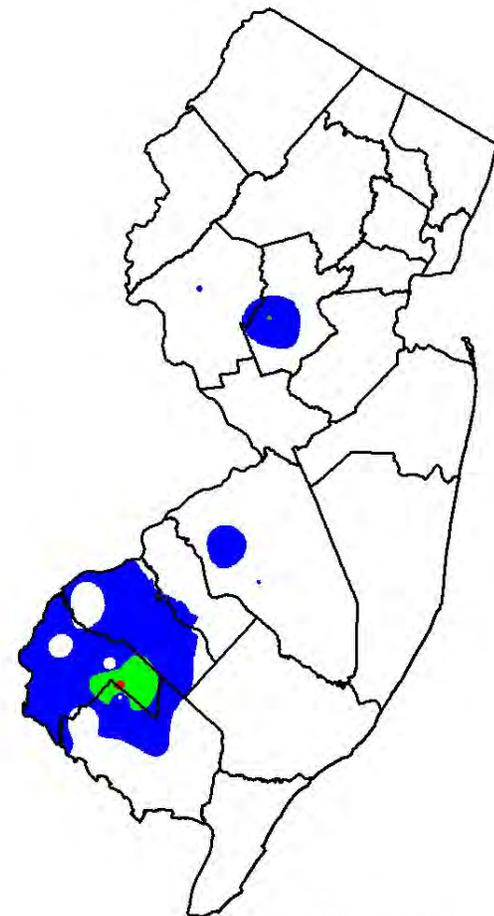
June 1, 2001



June 8, 2001



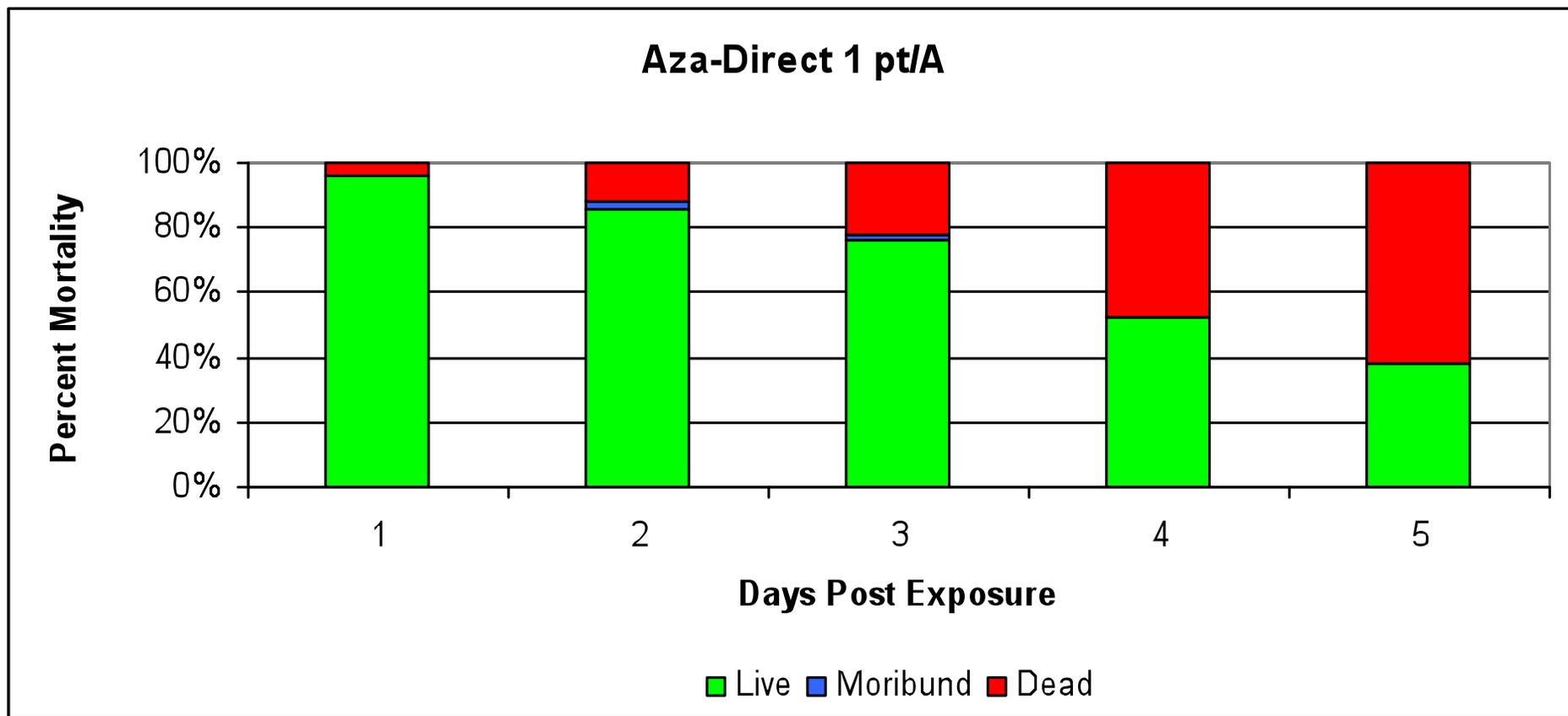
June 15, 2001

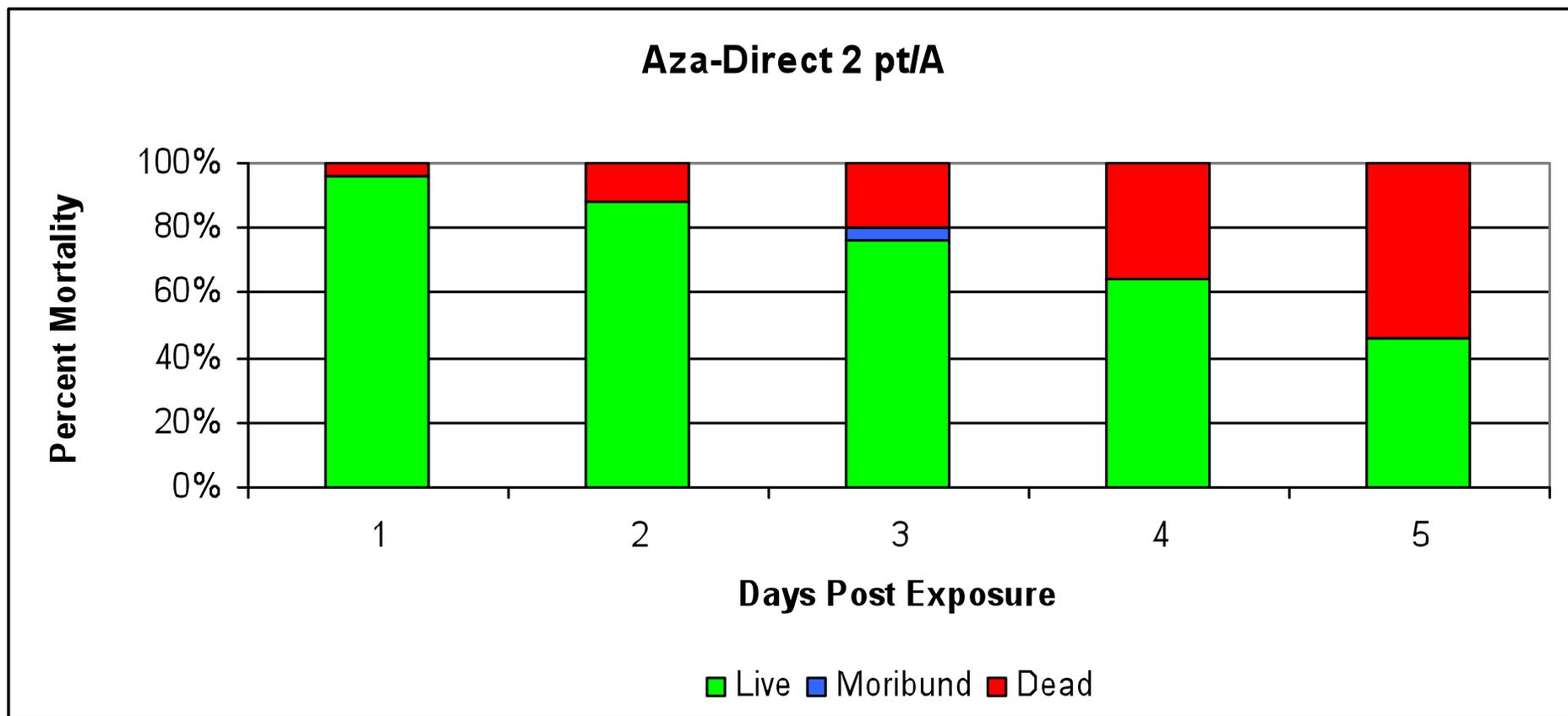


Lab Insecticide Trials

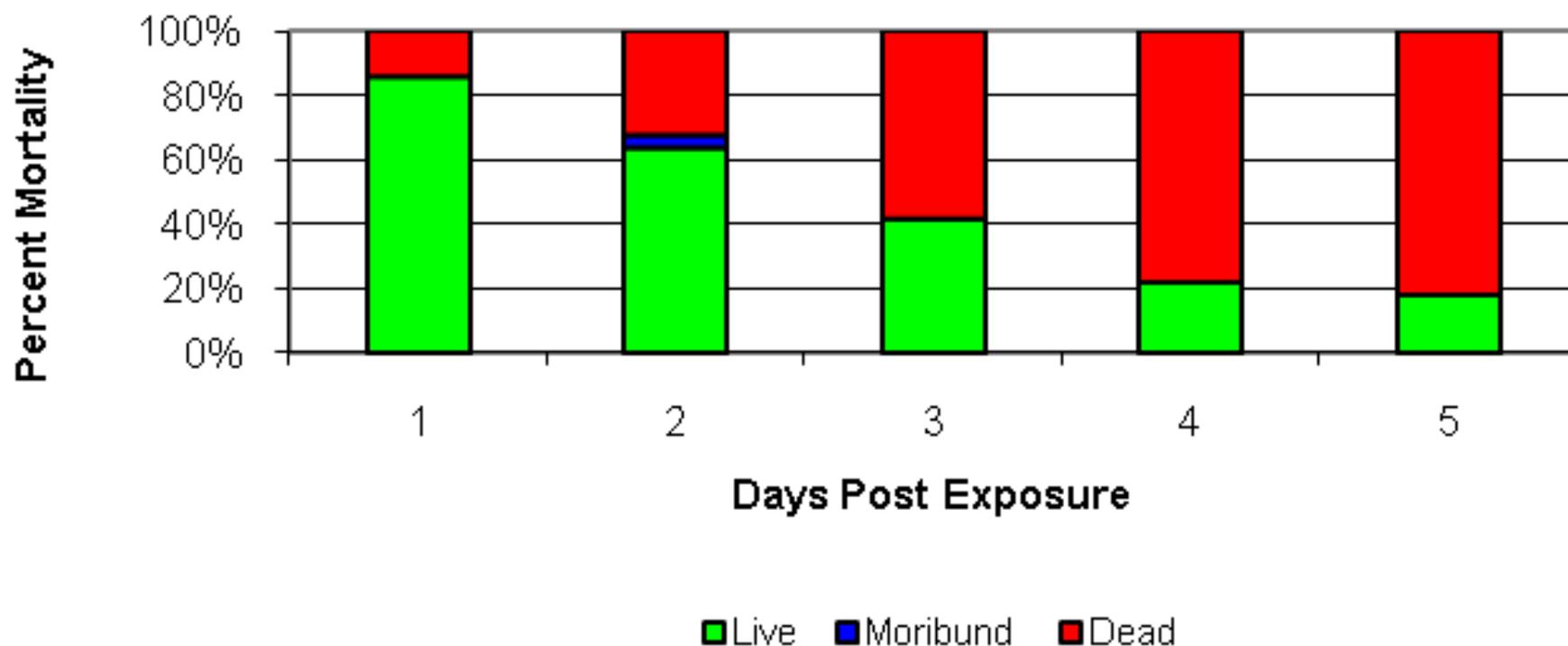
- Done using a potter spray tower
- Individuals placed on clean filter paper/Petri dish after treat
- Followed for 5 days



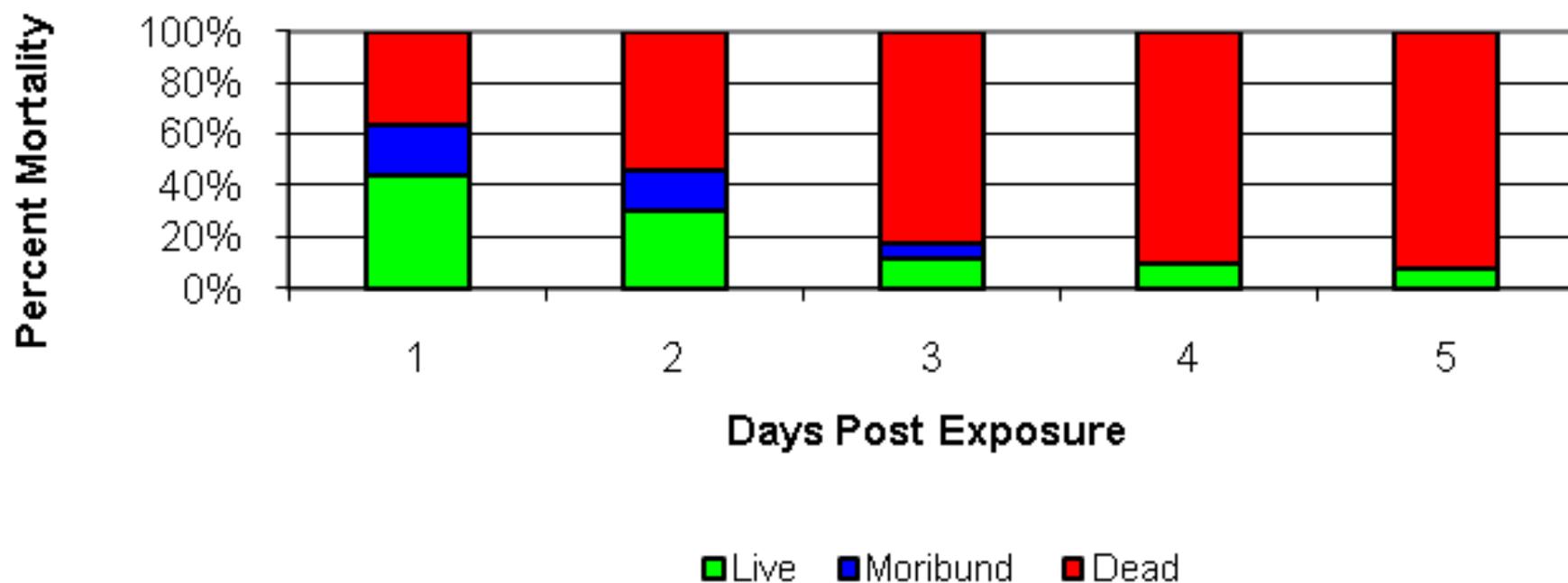




Mpede 0.5% v/v



Mpede 2% v/v



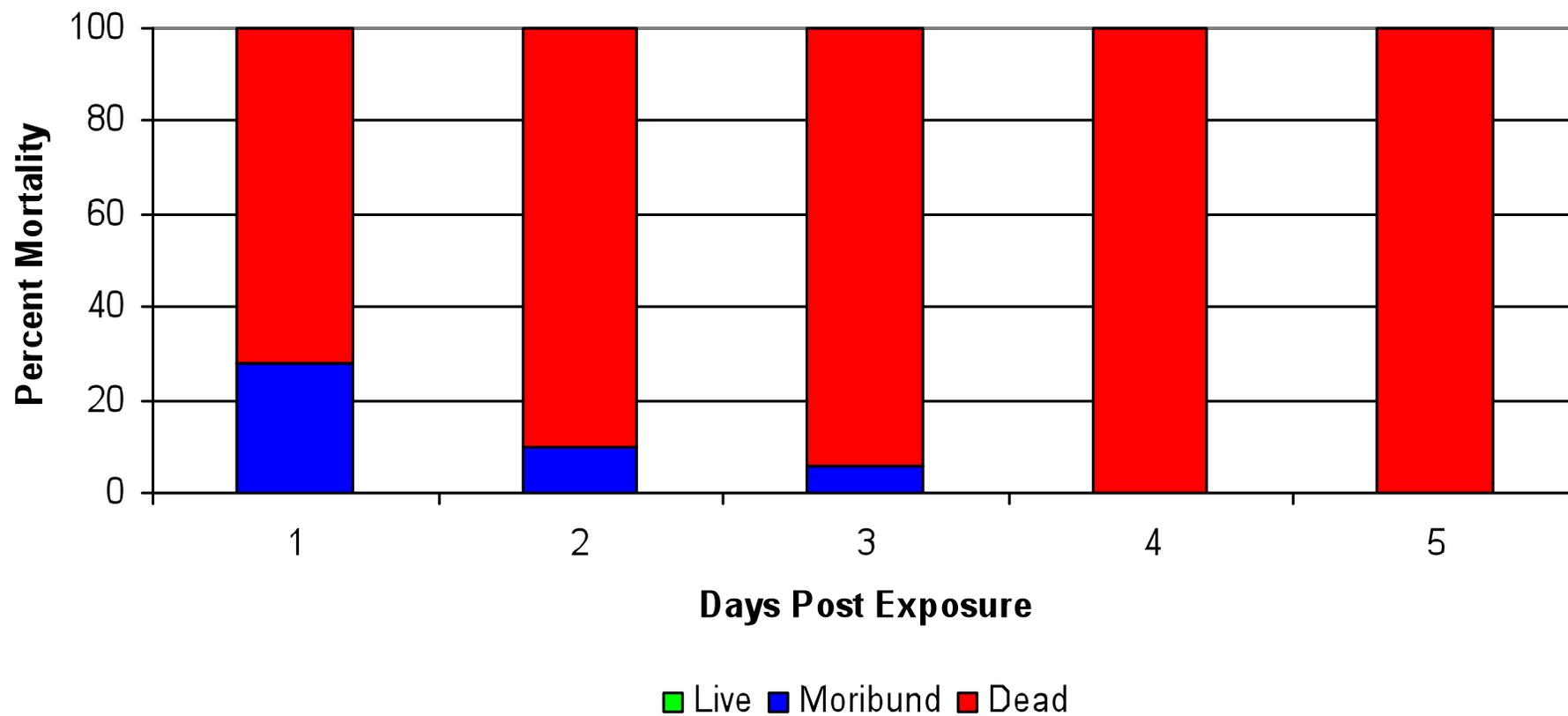
Lab Insecticide Trials

- Aerosol and Dust Tests
- Individuals placed on treated filter paper
- Followed for 5 days

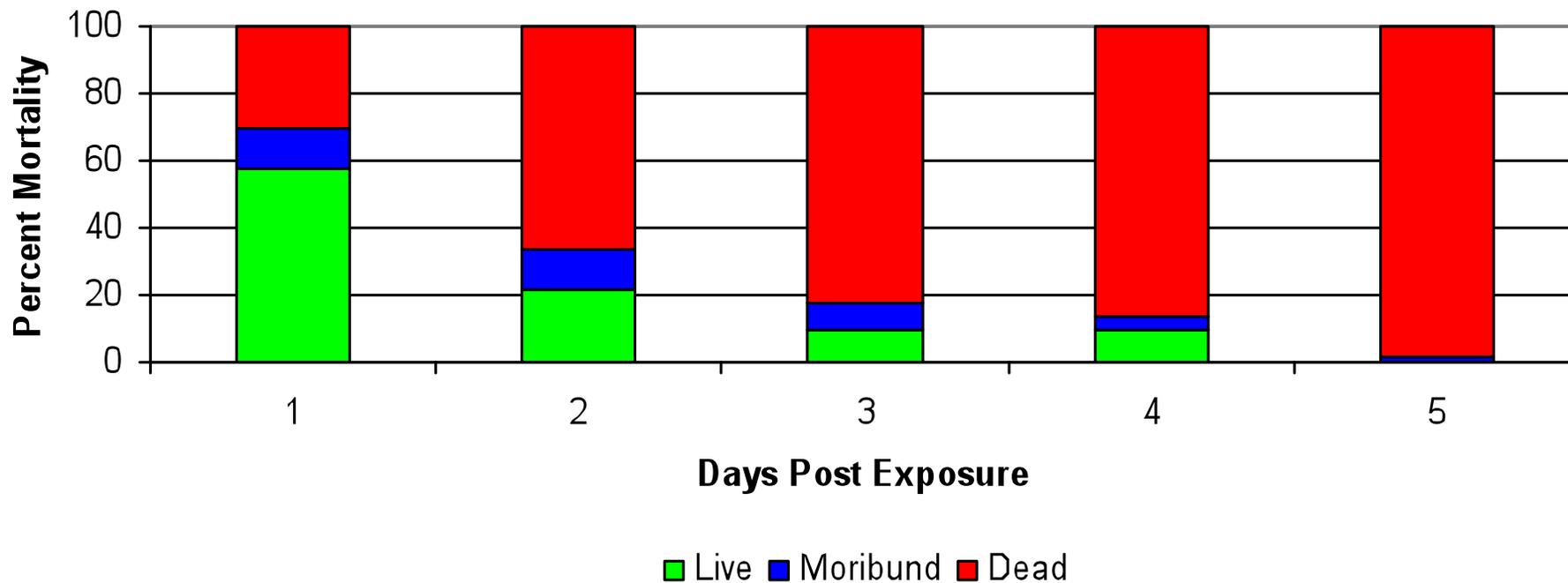


Courtesy of Dean Polk, 2011

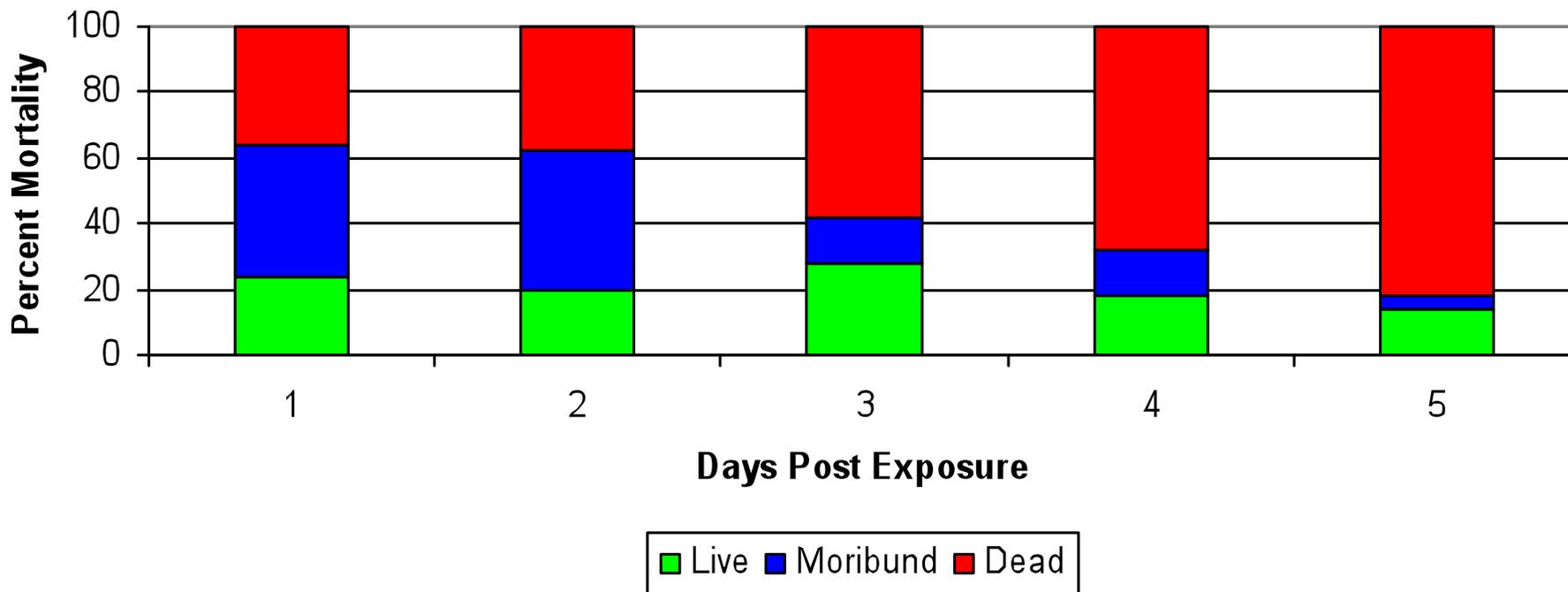
Dinotefuran 0.5% Aerosol - Two Second Spray



Cyfluthrin 0.1% Aerosol, Two Second Spray



Dinotefuran 0.25%, 95% Diatomaceous Earth

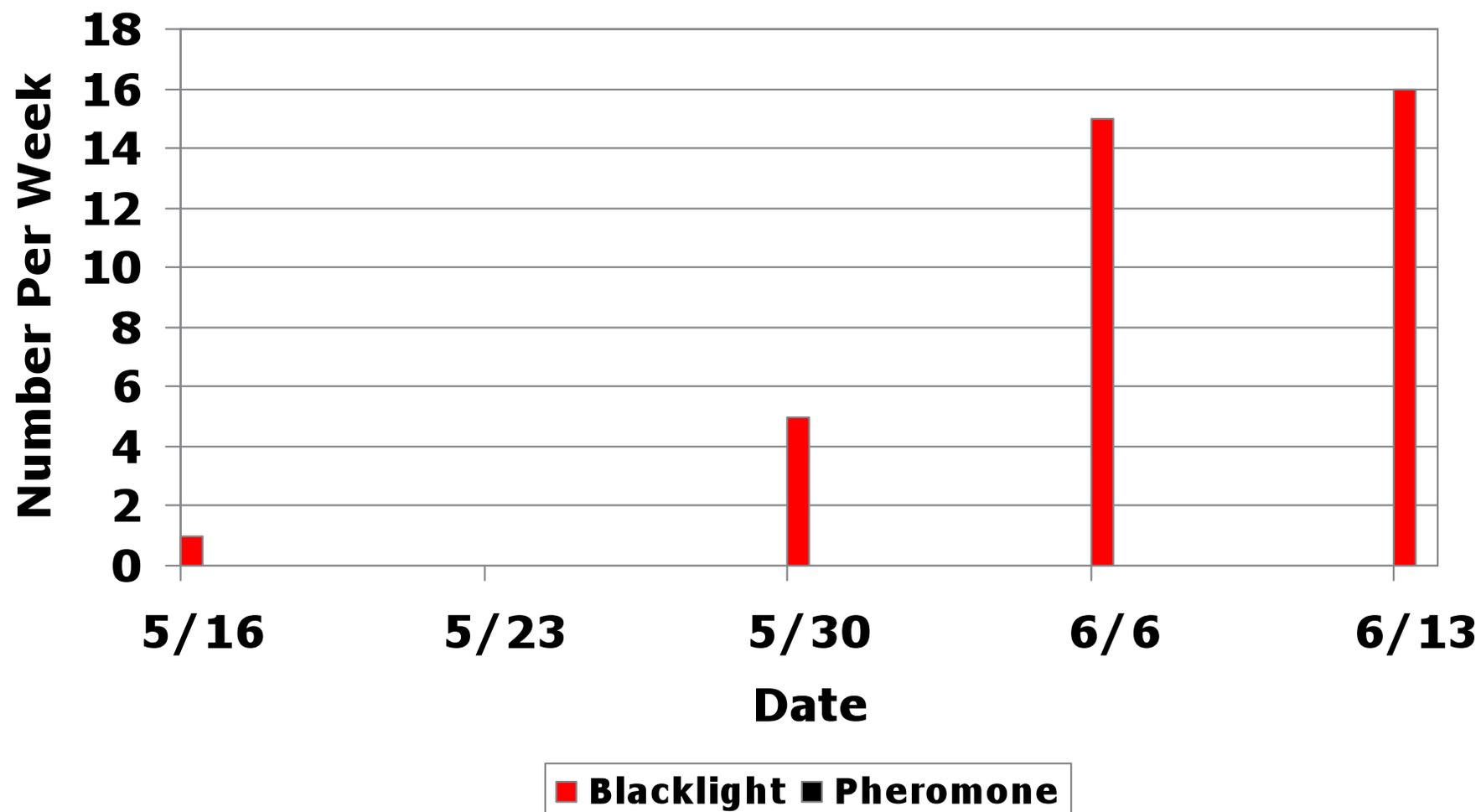


Field Studies

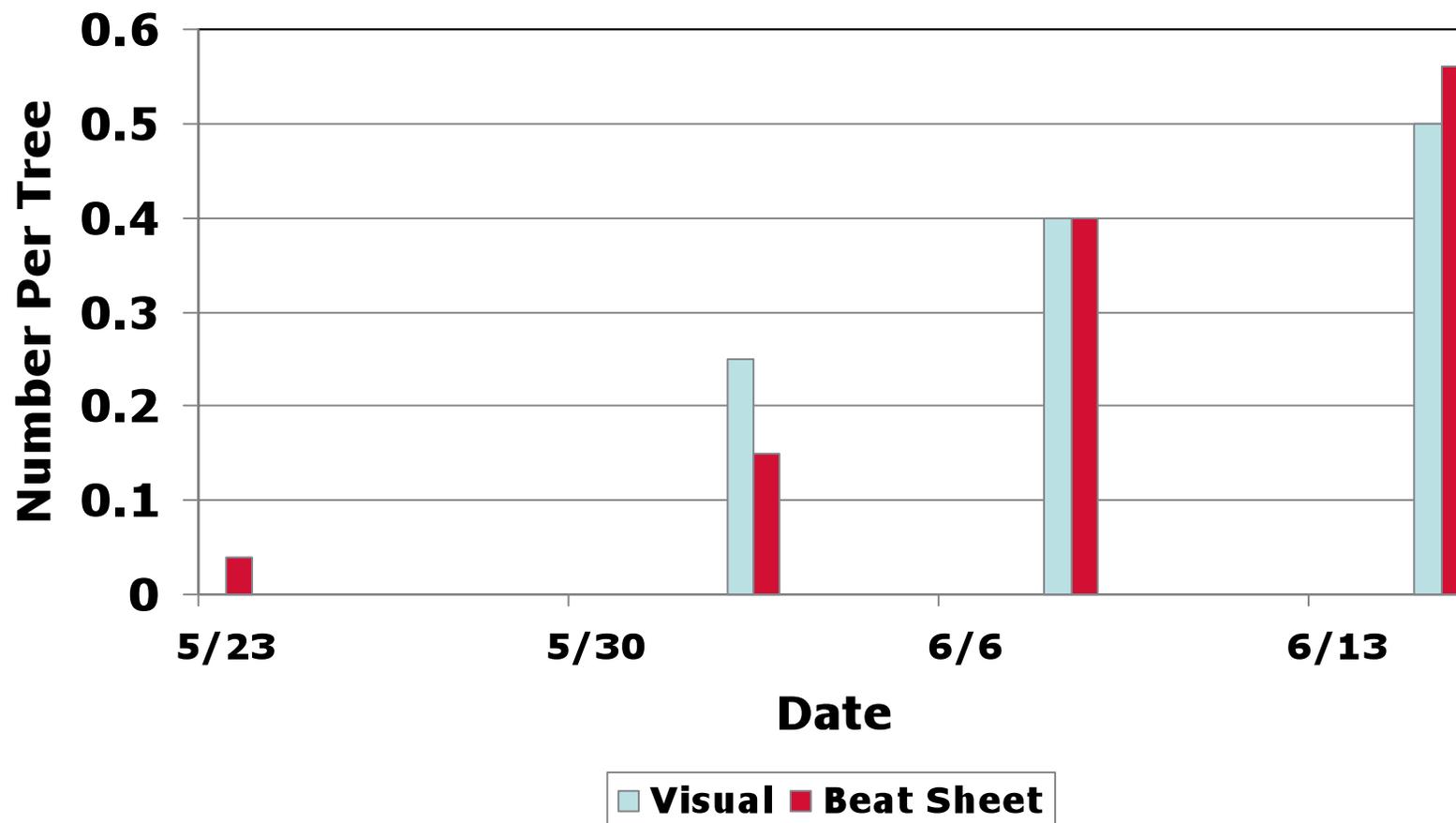
- IR-4 Efficacy Trial
 - Peaches
 - Apples
- IR-4 Bio Pesticide Trial
 - Peaches
- Monitoring methods development
 - Apples
 - Peaches
 - Peppers



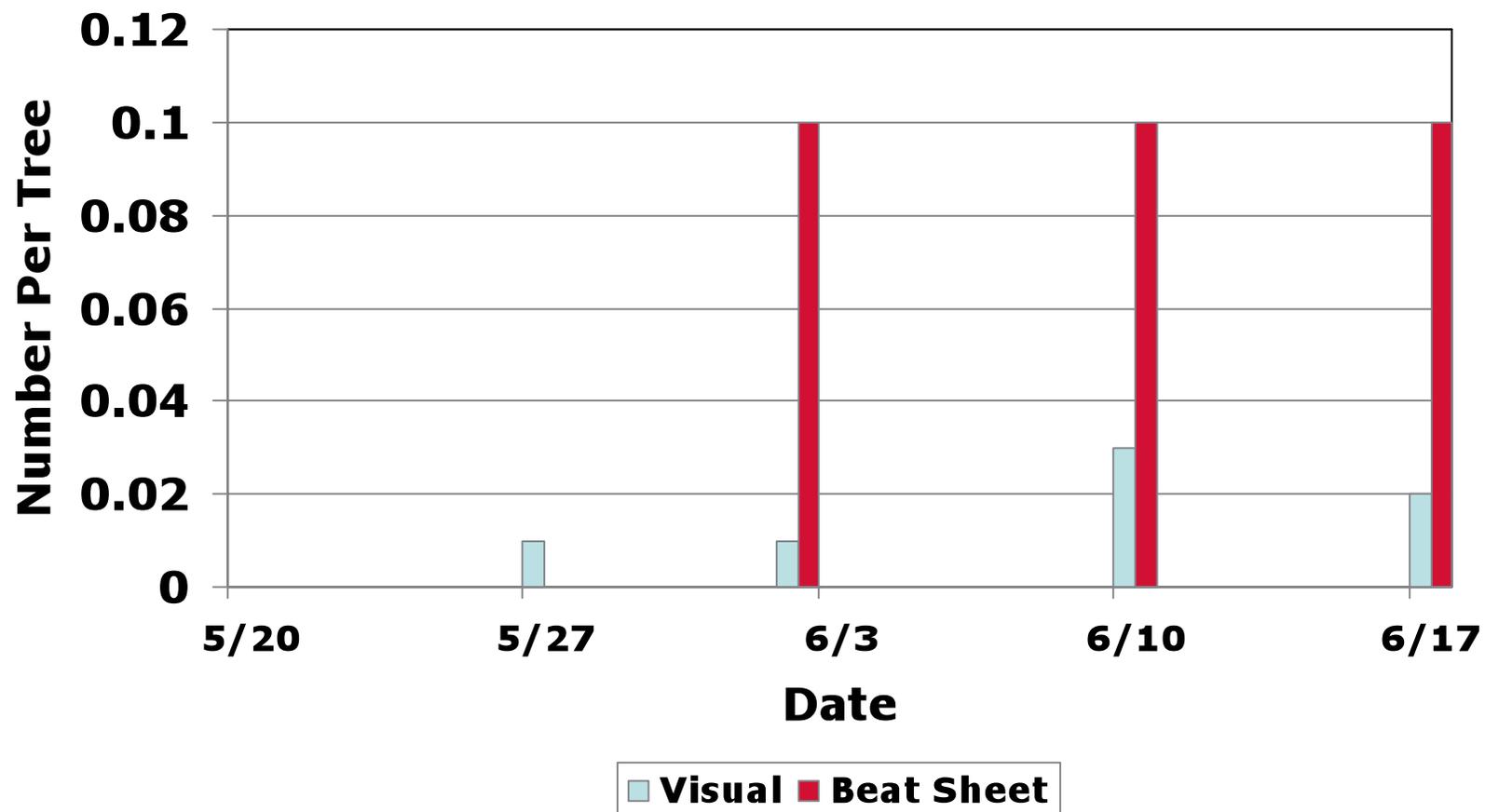
Trap Counts – Cream Ridge



Visual and Beat Sheet Counts - Peaches



Visual and Beat Sheet Counts - Apples



They're Back

The Brown Marmorated Stink Bug is a significant nuisance for homeowners and can be devastating for farmers. Since its accidental introduction to the US from Asia in 1996, Rutgers NJAES Pest Management Teams have been tracking, studying, and formulating management plans to combat this pest.

Beginning in late May and early June you may find BMSB emerging to feed on a wide range of fruits, vegetables, and other plants. You may find them on your house siding or inside your home.

Learn about this important pest and the current recommendations on [what you can do](#) to combat it.



IPM Update: BMSB Activity Week Ending June 15, 2011

-Kristian Holmstrom, Vegetable IPM Program



MORE INFORMATION

- [Report a Sighting](#)
- [Monitoring for the Brown Marmorated Stink Bug](#)
- [BMSB NE IPM Working Group Resources](#)

2011 ATLANTIC COAST AG CONVENTION BMSB PRESENTATIONS

- G. Hamilton - Introduction
- K. Holmstrom - NJ Veg Situation
- D. Polk - NJ Fruit Situation
- G. Dively - Maryland Situation

Brown Marmorated Stink Bug Rapid Response Multi-State Project

- Requested by NE Experiment Station Directors
- Proposal has been submitted for review
- Approval at next Directors meeting in July
- Request for participation
- Chance for funds from state experiment stations

Acknowledgements

Rutgers University

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Martha Wilkinson

RU Vegetable IPM Program

Kris Holmstrom

Funding Sources

USDA NIFA Critical Issues

NJAES Hatch

IR-4

