

Sweet Corn Pest ID & Trapping

Corn earworm



Larvae: 1.5 to 2 inches. Adults: 1.2 to 1.5 inches. Adult moths are light tan with a distinctive dark spot on each forewing, and a dark band near the margin of the hind wing.

European corn borer: IA, NY, Hybrid



Larvae: 3/4 to 1 inches. Adults: 3/4 inches (Female left, male right), light brown in color with lighter bands on the wings.

Fall armyworm



Larvae: 1.5 inches. Adults: 3/4 inches, with mottled brown forewings with a slanting white bar across the wing, and plain light tan hindwings

Squash vine borer



Larvae: 1 to 1.5 inches long,
3/8 inches wide

Adults: 1 to 1.5 inches

Photos: Ric Bessin, University of Kentucky Entomology and J. Obermeyer, Purdue University

Installing & Maintaining Pheromone Traps

Replace all pheromone lures every 2 weeks.

Heliothis (white fabric) traps

Corn earworm:

- Place in field at plant height
- Monitor from mid-June, and move to fields with fresh silk

European corn borer:

- E-strain (NY), Z-strain (Iowa), Hybrid strain
- Place along field edges **50 feet apart** at weed height
- Monitor from late May - August

Squash vine borer:

- Place along canopy in squash field
- Monitor from early June - August

Fall armyworm bucket trap

- Place in field at plant height
- Monitor from mid-July - September

Collect trap data once a week to begin. Once you positively identify the target moths, increase counting to every 3 days.

If you have any questions or need help identifying, please contact Shuresh Ghimire at shuresh.ghimire@uconn.edu.



*Photos: Tracey Baute (top);
Ohio State University
Extension (bottom)*