

WHAT'S BUGGING YOU?

Common Grain Insects That Can Ruin Your Harvest

Stored grain insect pests cause nutritional depletion, contaminate grain and create safety hazards

FACTS

› Around the world, grain storage insects DESTROY 13 MILLION TONS OF GRAINS (That's 8% to 10%!)*

› Almost 63.85% OF GRAIN WEIGHT LOSSES are due to stored grain pests*

› One-third of the world's production, which values almost \$100 BILLION, is destroyed by field and stored grain pests*

› Experts estimate grain pests are responsible for 10% TO 60% OF POST-HARVEST LOSSES in developing countries*



LESSER GRAIN BORER

(Rhyzopertha dominica): Voracious feeder; 1/8-inch-long, brown/black cylindrical body; head not visible from above***



GRANARY WEEVIL

(Sitophilus granarius): Cylindrical, 1/13- to 1/8-inch-long, shiny red-brown or black body; long head with distinct snout***



RICE WEEVIL

(Sitophilus oryzae): Small snout beetle; 3/32- to 1/8-inch-long, dull red-brown to black body; four light red to yellow markings***



MAIZE WEEVIL

(Sitophilus zeamais): Slightly larger and darker than the rice weevil adult**



INDIAN MEAL MOTH

(Plodia interpunctella): Small brownish moth; 3/8-inch-long body; 1/2- to 3/4-inch wingspan with distinctive rusty brown or bronze wing tips***

* Ahmad, Rayees et al. "Stored Grain Pests and Current Advances for Their Management." *Postharvest Technology - Recent Advances, New Perspectives and Applications* [Working Title] (2021): n. pag. ** USDA Federal Grain Inspection Service Stored Grain Insect Reference *** Central Life Sciences (www.bugfreegrains.com)

Infographic: Tess Stukenberg and John Henrick | iStock.com

IPPE
IPPE
IPPE
IPPE
IPPE
IPPE
IPPE

IPPE MEETS YOUR LEARNING GOALS

The 2023 IPPE will offer 80+ hours of education programs and TECHTalks. IPPE will meet your learning goals at this powerhouse of a show in January!

Registration opens in October

ippexpo.org

 INTERNATIONAL
IPPE
PRODUCTION & PROCESSING EXPO

JAN. 24 - 26, 2023
ATLANTA, GA USA