

Practical application of sex pheromones for detection and population density of the pyralidae moths

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The application of sex pheromones for detection and location of pyralidae moths makes the control of pests populations in warehouses and mills easier. The pheromone-baited traps detect stored-product insects very early and their efficacy is considerable. In this experiment the efficacy of Black Stripe traps was examined. The observations were carried out in two mills with the surface 460 m² and 630 m²(the surface of the investigations). Two insect species were detected: *Ephestia kuehniella* Zeller and *Plodia interpunctella* L. The number of trapped males increased during the summer months. The greatest quantity of moths was obtained from the traps that had been placed in the places whit flour and brans. The pheromone-baited traps detected pests very early and caught a large number of them. The number of chemical treatments can be reduced what will bring subsequent economic and quality advantages.