

## **Pheromone-Based Communication Disruption of *Adoxophyes orana* on Peach Using the New RAK 3+4 Dispensers and Their Effect on Development of Fruit Rot Diseases**

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The effectiveness of the pheromone-based communication disruption method was examined against the summerfruit tortrix, *Adoxophyes orana* F.v.R. (Lepidoptera: Tortricidae), a pest of peach trees, using the new RAK 3+4 dispenser (BASF). No *A. orana* males were captured in pheromone traps inside the experimental orchards, which were saturated with the RAK 3+4 dispensers. The percent of damaged leaves was practically zero, while the level of damaged fruits was 0–6% in pheromone-treated orchards. The percentage of fruit rot caused by *Monilinia laxa* was lower in pheromone-based communication disruption orchards than in the control. It was concluded that the RAK 3+4 dispenser could be used against *A. orana* as an economical and environmentally friendly method.

**KEY WORDS:** *Adoxophyes orana*; pheromone-based communication disruption; peach; pheromone trap; summerfruit tortrix.

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