

Title: Use of Mating Disruption for Pink Bollworm in Cotton in North America

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Insect: pink bollworm, *Pectinophora gossypiella* (Saunders)

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Abstract: The pink bollworm, *Pectinophora gossypiella* (Saunders), is one of the most serious pests of cotton worldwide causing losses in both yield and quality. In the United States pink bollworm costs cotton producers over \$21 million dollars for prevention, control and yield losses. Mating disruption has provided a viable method for control of this pest. Presently there are several types of mating disruption formulations used for pink bollworm. These materials represent various use methods and modes-of-action. In 2001 a multi-year areawide program began in North America which employs several types of mating disruption formulations, sterile insect technology and transgenic cotton. A goal of this program is elimination of the pink bollworm from North America cotton production areas.