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THE TECHNOLOGY

Scrobipalpuloides moth is a serious pest of tomato plants with losses up to 100% reported. Since no attractant for this pest has previously existed, control now requires blanket-spraying of insecticides. Frequently, treatments are scheduled on a calendar basis and deployed independent of the pest's presence in the field. Four key problems have been associated with this constant use of conventional insecticides to control insect pests: pesticide residue on food, increased pesticide resistance, detrimental effect on beneficial insects, and economical inefficiency. This product is highly effective at attracting insects with as little as ten picograms without using pesticides. The invention includes the chemical compounds, blends, synthesis methods, moth traps, and method for mating description.

Patent	US 5,728,376
Issued	Mar 17, 1998
Inventor	Athula Attygalle
Licensee	ISCA Technologies, Inc.

THE PRODUCT

ISCAlure-Tuta

ISCA Technologies, Inc. develops environmentally friendly, natural and pheromone based tools to control insects. ISCAlure-Tuta is a pheromone-based lure product for South American tomato leafminer, Tuta absoluta, that attracts and traps the insect. The lure is loaded into a lure dispenser to protect the pheromone compounds from the elements and modulate the release of the pheromone with a release rate mimicking that of the leafminer.