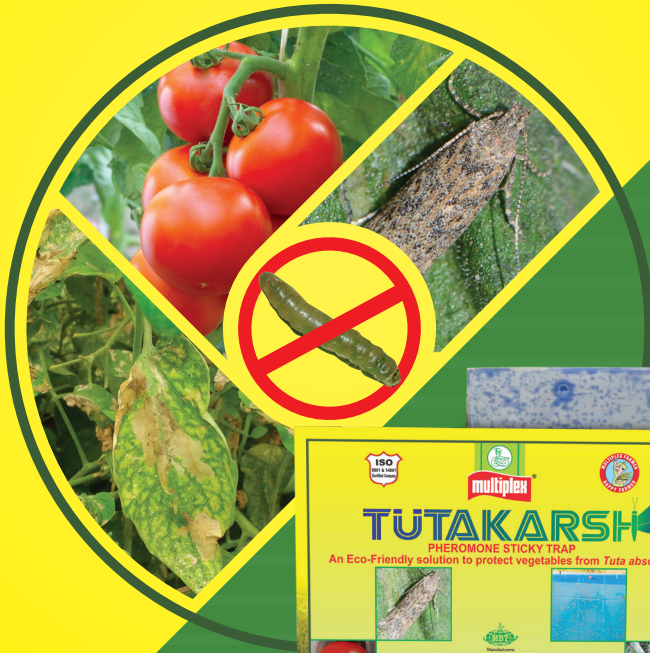




# TUTAKARSH<sup>®</sup>

PHEROMONE TRAP FOR *TUTA ABSOLUTA*



Farmers' first choice



# TUTAKARSH<sup>®</sup>

PHEROMONE TRAP FOR *TUTA ABSOLUTA*



The tomato pinworm, *Tuta absoluta* is one of the global major destructive invasive pests. It is originated from South America and has spread to several parts of Europe, entire Africa and was found to be occurring in India in the year 2014. This pest is crossing borders and devastating tomato production both protected and open fields. *Tuta absoluta* causes 60 to 100% loss in tomato crop.

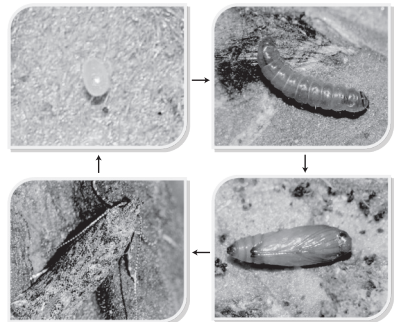
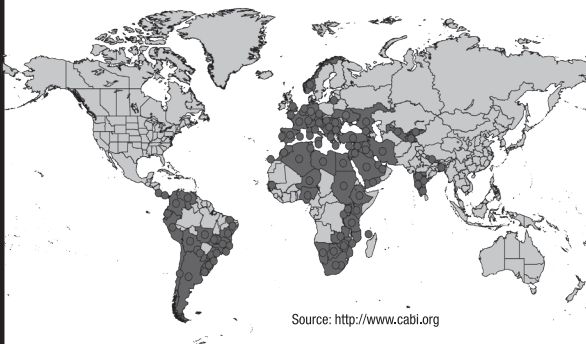
**IDENTIFICATION:** Adult moths are small with a body length of around 7mm. They are brown or silver color with black spots on the wings

**SYMPTOMS ON FRUIT AND STEMS:** Puncture marks, abnormal shape, exit holes, rot due to secondary infective agents, blotch-shaped mines in the leaves and presence of frass (fine powdery material that plant-eating insects pass as waste after they digest plant parts).

**HOSTS:** The moth *Tuta absoluta* is a devastating pest of tomato, brinjal and potato.

**MANAGEMENT:** Use Multiplex Tutakarsh @ 16 trap/ acre. Research has shown that dark blue colour shade, attract the moths of *Tuta absoluta* and hence, Tutakarsh pheromone sticky trap is specially developed with blue shade colour background with a central hole for fixing the lure and two lateral holes for tying the trap in the field. This product is developed by "Research and Product Development Laboratory of GPS Institute of Agricultural Management, Bengaluru" is based on extensive laboratory and field trail.

**TRAPS SHOULD BE ERECTED IMMEDIATELY AFTER TRANSPLANTATION**



**LIFE CYCLE:** *Tuta absoluta* is a micro lepidopteron moth with high reproductive potential with a life cycle ranging from 24-38 days. Multivoltine, can complete twelve generations in a year.



Manufactured by

**MULTIPLY BIO-TECH PVT. LTD.**

No. 180, 1st Main Road, Mahalakshmi Layout, Bengaluru - 560 086, INDIA.  
Ph: 080-2349 4406, 2349 7360, 2349 7464.

Email: [multiplex@multiplexgroup.com](mailto:multiplex@multiplexgroup.com) | Website: [www.multiplexgroup.com](http://www.multiplexgroup.com)

