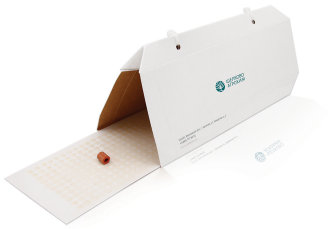
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Pheromone traps for vegetable and industrial crop pests

Pheromone traps for monitoring and catching of vegetable and industrial crop insect pests

Advantages:

— They are an integral part of integrated plant protection and an environmentally friendly pest control tool

— They make it possible to determine the trends in insect quantity during the season and regulate the quantity of subsequent generations of insects

— They notify user about the optimal time for protective measures

— They allow user to use insecticides in targeted and reasonable manner, reducing the pesticide load on the environment

— They are compatible with the environment due to their natural origin

— Completely non-toxic, easy to assemble and dispose of traps

— Can be used in resort and nature protection zones

Species of vegetable and industrial crop pests, types and completeness of traps

Insect species	Trap type	Type of adhesive insert	Number of adhesive inserts	Dispenser type	Number of dispensers
Bean (acacia) moth Etiella zinckenella	Small "Delta"	Small	4	Rubber tube	2
Dart exclamator moth Agrotis exclamation	Big "Delta"	Big	4	Rubber tube	2
Eastern meadow moth Mythimna separata	Big "Delta"	Big	4	Rubber tube	2
Pea moth Cydia nigricana	Small "Delta"	Small	4	Rubber tube	2
Cabbage moth Plutella xylostella	Big "Delta"	Big	4	Rubber tube	2
Cabbage moth Mamestra brassica	Big "Delta"	Big	4	Rubber tube	2
Potato moth Phthorimaea operculella	Small "Delta"	Small	4	Rubber tube	2
Brown-marble bug Halyomorphahalys	Pyramidal barrier	not required	0	Capsule	1
Corn (stem) moth Ostrinia nubilalis	Big "Delta"	Big	4	Capsule	1
Meadow moth Loxostege sticticalis	Small "Delta"	Small	4	Rubber tube	2
Garden moth Mamestra oleracea	Big "Delta"	Big	4	Rubber tube	2
Turnip moth Agrotis segetum	Big "Delta"	Big	4	Rubber tube	2
Mamestra suasa	Big "Delta"	Big	4	Rubber tube	2

Beet moth Scrobipalpa ocellatella	Small "Delta"	Small	4	Foil-film	1
C-black moth Xestia C-nigrum	Big "Delta"	Big	4	Rubber tube	2
Gamma moth Autographa gamma	Big "Delta"	Big	4	Rubber tube	2
Tomato moth Tuta absoluta	Big "Delta"	Big	4	Rubber tube	2
Cotton moth Helicoverpa armigera	Big "Delta"	Big	4	Rubber tube	2

Action

Pheromones are natural, biologically active substances that demonstrate a highly specific action on a particular insect species. They act in extremely low concentrations - microgram quantities comparable to the natural background of odors produced by insects.
The female sex pheromone used in traps mimics the natural process of attracting males of the same species, and as a consequence characterizes a high probability of capture.

Types of pheromone traps

Delta pheromone trap

The Delta trap has quite simple design, it is easy to assemble and consists of a trap body, an adhesive insert and a pheromone dispenser. It is used to capture both small and large insect pests.

Barrier-type pheromone trap

Barrier traps are used to catch the brown-marble bed bug.

Pheromone traps

— They are an integral part of integrated plant protection, an accurate and environmentally friendly pest control tool

— Applicable for both pheromonitoring and mass catching of insect pests

— They allow user to determine the trends in insect quantity during the season and to establish the optimal time for protective measures, as well as to regulate the quantity of subsequent insects generations