

INSECTS LIMITED, INC

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www.insectslimited.com

Insect Pheromones ¹

Species	Common names	Pheromone type	Wks.	Spacing	Trap Types	Location
<i>Lasioderma serricorne</i>	Cigarette beetle	female sex	8	5 – 15 m	NS, PP, PC LL	Floor, Shelf, Eye Level
<i>Stegobium paniceum</i>	*Drugstore beetle	female sex	6	5 – 10 m	NS, LL	Floor, Shelf, Eye Level
<i>Anobium punctatum</i>	*Furniture beetle	female sex	6	5 – 10 m	NS, LL	Floor, Shelf, Eye Level
<i>Rhyzopertha dominica</i>	Lesser grain borer	male aggregation	8	5 – 15 m	NS, PC, Cone	Shelf, Eye Level, Grain
<i>Prostephanus truncatus</i>	Larger grain borer	male aggregation	8	5 – 15 m	NS, PC, Cone	Shelf, Eye Level, Grain
<i>Sitophilus oryzae</i>	Rice weevil	male aggregation	4	2 – 5 m	PC, PP, Cone,	Shelf, Floor, Grain
<i>Sitophilus zeamais</i>	Maize weevil	male aggregation	4	2 – 5 m	PC, PP, Cone	Shelf, Floor, Grain
<i>Sitophilus granaries</i>	Granary weevil	food attractant	4	2 – 5 m	PC, Cone	Shelf, Floor, Grain
<i>Trogoderma variabile</i>	Warehouse beetle	female sex	10	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level
<i>Trogoderma granarium</i>	Khapra beetle	female sex	10	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level
<i>Anthrenus verbasci</i>	Varied carpet beetle	female sex	8	2 – 7 m	NS, LL	Floor, Shelf
<i>Attagenus spp.</i>	Black carpet beetles	female sex	6	2 – 7 m	NS, LL	Floor, Shelf
<i>Sitotroga cerealella</i>	Angoumois grain moth	female sex	8	5 – 15 m	NS, LL	Floor, Shelf, Eye Level
<i>Plodia interpunctella</i>	Indianmeal moth	female sex	8	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level E
<i>Ephestia kuehniella</i>	Mediterranean flour moth	female sex	8	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level
<i>Cadra figulilella</i>	Raisin moth	female sex	8	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level
<i>Ephestia elutella</i>	Tobacco moth	female sex	8	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level E
<i>Ephestia cautella</i>	Almond moth	female sex	8	5 – 15 m	NS, PP, LL	Floor, Shelf, Eye Level
<i>Tribolium castaneum</i>	Red flour beetle	male aggregation	8	2 – 5 m	PP, PC, LL	Floor, Shelf
<i>Tribolium confusum</i>	Confused flour beetle	male aggregation	8	2 – 5 m	PP, PC, LL	Floor, Shelf
<i>Tineola bisselliella</i>	Webbing Clothes moth	female sex	8	2 – 5 m	NS, LL	Floor, Shelf
<i>Tinea pellionella</i>	Casemaking Clothes moth	female sex	8	2 – 5 m	NS, LL	Floor, Shelf
<i>Oryzaephilus surinamensis</i>	Sawtoothed Grain beetle	food attractant	4	2 – 7 m	PP, PC	Floor, Shelf
<i>Oryzaephilus mercator</i>	Merchant Grain beetle	food attractant	4	2 – 7 m	PP, PC	Floor, Shelf

Pheromones within a box indicate that a single lure contains the same pheromone for multiple species.

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* Asterisk indicates that these pheromones are currently unavailable

Trap Types: NS – NoSurvivor Indoor and Outdoor, PP – Pantry Patrol, PC – PC Floor Trap, Cone – PC Cone Trap
LL – Low Lying Trap (Could include Flat Traps, Sanitrap, Serrico Traps, Trapper Monitor Traps etc.)

Pantry Patrol contains a food grade oil which attracts numerous food pest beetles for a period of 3 months or more depending on temperatures present, as well as containing the pheromones for cigarette beetle, warehouse beetle, flour beetles, and the Pyralid moth complex. This product combines a food attractant to extend the attractiveness of the trap beyond the life of the pheromone.

Shelf Life: The “weeks” shown in the above table represent the amount of time each lure remains effective in the trap after it has been removed from its original package. If unopened, and refrigerated, the lures should remain effective for a period of 2 years. 1 year if kept at room temperature.

Please Note: *The information contained in this sheet is based on typical temperature, humidity and wind conditions in the Midwest United States. Environments with extreme heat, low humidity and high winds will effect pheromone and trap performance and longevity in a negative manner.*

1 Available through **Insects Limited Inc.**, 16950 Westfield Park Rd., Westfield Indiana 46074 USA; 1(317) 896-9300 www.insectslimited.com