

# **SCENTRY**

BIOLOGICALS INC.

## Monitoring Products Catalog



[www.scentry.com](http://www.scentry.com)

# GUIDELINES FOR USING SCENTRY® INSECT MONITORING PRODUCTS

**Scentry® insect monitoring products** are effective pest management tools designed to provide current information about an insect pest. Each **Scentry®** pheromone lure is a synthetic mimic of the potent odor insects produce to attract members of the same species. **Scentry®** insect traps and lures are provided as an aid to growers in monitoring and evaluating insect populations and in timing insecticide applications. These materials should be regarded as supplying supplementary information, and should not be the sole basis for decisions concerning insect control programs. These materials should be used with the advice of qualified pest management consultants. To assure potency of pheromone lures, trap kits and extra lures should typically be stored in freezing temperatures.

**Monitoring traps used with pheromone lures** will attract and collect members of a specific insect species. Traps are useful for determining the presence or absence of a pest, monitoring changes in pest populations, or determining the emergence patterns of adult insects as an aid in planning control measures. In general, at least one trap should be used for each field or orchard. Additional traps should be added if:

- The area is very large; over 10 acres.
- Abnormally large populations or “hot spots” exist which need close attention.
- The traps are being used to estimate population density as opposed to just insect detection.

**Traps should be located** inside the area to be surveyed, not on the border. When using more than one trap per field, space traps at uniform intervals. In orchards, hang traps in the top 1/3 of the canopy. In field crops, place traps on posts with the trap opening just above the crop canopy.

**Deploy traps** two weeks prior to the expected date of the first appearance of the adult insect. Inspect traps on a regular basis. Remove insects and debris from the sticky surface of the trap. Replace trap or sticker coated insert when they become too dirty to be effective. Replace pheromone lure on a regular basis. Store unused lures in a cool place such as a refrigerator.

**Good record keeping** along with knowledge of the insect’s life cycle are key to a successful monitoring program. However, monitoring data should not be the sole basis for decisions concerning the timing of insect control programs. Monitoring information should be supplemented with the advice of qualified pest management consultants such as your local cooperative extension service representative, USDA personnel, or university researchers who can assist you in the interpretation of trap catch data and in the timing of control measures.

**ORDERING INFORMATION-** To place an order with Scentry Biologicals, contact Customer Service 800-735-5323 from 8:00 a.m. to 5:00 p.m. (MST) or via email at [scentry@scentry.com](mailto:scentry@scentry.com). Please have a purchase order number available as well as the bill to/ship to information.

**Special Order Lures-** Pheromone lures for insects not listed may be available by special order. For more information and to check availability of lures not listed, please contact Scentry Biologicals Inc. at the number and/or email address listed above.

**Trap Kits** contain all the materials required to maintain four trap stations for 12-18 weeks under normal conditions.

## **Wing Kit**

12 Lures  
4 Wing trap plastic tops  
12 Sticker-coated trap bottoms  
4 Wire hangers  
4 Sets of trap spacers  
1 Assembly instructions

## **Delta Kit**

12 Lures  
12 Delta traps  
24 Paper clips (for trap assembly)  
1 Assembly instructions

# LURES

COMMON NAME	SCIENTIFIC NAME	Suggested Trap Type	Pricing Group	Lure Number
Almond moth	<i>Cadra cautella</i>	W	A	L966
American hornet moth/Ironweed clearwing	<i>Sesia tibialis</i>	W	B	L130
Apple clearwing moth	<i>Synanthedon myopaeformis</i>	WLPD	B	L910
Apple maggot/Walnut husk fly	<i>Rhagoletis pomonella/R. completa</i>	AM/MG	A	L830
Apple maggot Vol6	<i>Rhagoletis pomonella</i>	MG,AM	C	L988
Army cutworm	<i>Euxoa auxiliaris</i>	W	B	L935
Armyworm	<i>Pseudaletia unipuncta</i>	W, LPD	A	L216
Arthurs sunflower moth	<i>Cochylis arthuri</i>	W,LPD,D	A	L944
Artichoke plume moth	<i>Platyptilia carduidactyla</i>	W, LPD	A	L101
Australian bollworm	<i>Helicoverpa punctigera</i>	H	A	L230
Banded sunflower moth	<i>Cochylis hospes</i>	W, D	B	L920
Beet armyworm	<i>Spodoptera exigua</i>	W, LPD	A	L217A
Black cutworm	<i>Agrotis ipsilon</i>	W, LPD	A	L800
Black gum borer	<i>Synanthedon rubrofascia</i>	D, W	B	L998
Blackheaded fireworm	<i>Rhopobota naevana</i>	W, LPD	A	L108
Blueberry leafroller	<i>Sparganothis sulfureana</i>	D	A	L993
Boll weevil	<i>Anthonomus grandis</i>	BW	C	L200
Brown mamorated stink bug	<i>Halyomorpha nalyis</i>	LPD, J	C	L973
Cabbage looper	<i>Trichoplusia ni</i>	W, LPD	A	L102A
Carob moth	<i>Ectomyelois ceratoniae</i>	LPD,W,D	C	L900
California red scale	<i>Anidiella aurantii</i>	W	B	L306
Cherry bark tortrix	<i>Enarmonia formosana</i>	W, LPD	A	L831
Cherry fruit worm	<i>Grapholita packardii</i>	W, D	A	L832
Cigarette beetle	<i>Lasioderma serricome</i>	W	A	L972
Clearwing borers:				
Banded ash borer	<i>Podosesia aureocincta</i>	W, LPD	A	L103
Lilac/Ash borer	<i>Podosesia syringae</i>	W, LPD	A	L103
Oak borer	<i>Paranthrene simulans</i>	W, LPD	A	L103
Peachtree borer	<i>Synanthedon exitiosa</i>	W, LPD	A	L103
Rhododendron borer	<i>Synanthedon rhododendri</i>	W, LPD	A	L103
Clover cutworm	<i>Discestra tritollii</i>	W	C	L940
Codling moth	<i>Cydia pomonella</i>	W, LPD	A	L104
Codling moth - 10X	<i>Cydia pomonella</i>	W, LPD	B	L104XA
Cotton bollworm/Corn earworm	<i>Helicoverpa zea</i>	H	A	L215
Cotton leafworm/Egyptian leafworm	<i>Spodoptera littoralis</i>	D	C	L218
Cranberry girdler/Sod webworm	<i>Chrysoteuchia topiaria</i>	W, LPD	A	L225
Currant clearwing moth	<i>Synanthedon tipuliformis</i>	D, LPD	A	L942
Diamondback moth	<i>Plutella xylostella</i>	W, LPD	A	L118
Dingy cutworm	<i>Feltia jaculifera</i>	W	B	L936
Dogwood borer	<i>Synanthedon scitula</i>	W, LPD	A	L119
Douglas fir tussock moth	<i>Orgyia pseudotsugata</i>	D	C	L802
Elm bark beetle	<i>Scolytus multistriatus</i>	D	C	L232
European corn borer:				
Iowa strain	<i>Ostrinia nubilalis</i>	W/H	A	L803
New York strain	<i>Ostrinia nubilalis</i>	W/H	A	L804
European grape berry moth/Grape moth	<i>Eupoecilia ambiguella</i>	W, LPD	B	L805
European grape vine moth	<i>Lobesia botrana</i>	W, LPD	B	L219
European leafroller	<i>Archips rosanus</i>	W	B	L806
European pine shoot borer	<i>Rhyacinnia buoliana</i>	W	B	L807
Eyespotted bud moth	<i>Spilonota ocellana</i>	W	B	L301
Fall armyworm	<i>Spodoptera frugiperda</i>	W	C	L105A
Fall armyworm PSU	<i>Spodoptera frugiperda</i>	D, W	A	L976
False codling moth	<i>Cryptophlebia leucotreta</i>	W, LPD	A	L205
Filbertworm	<i>Melissopus latiferranus</i>	D, W	A	L996
Fruittree leafroller	<i>Archips argyrospilus</i>	W	B	L106
Fruittree tortrix	<i>Archips podanus</i>	W	B	L808
Grape tortrix	<i>Argrotaenia jurgiana</i>	LPD, W, D	A	L931
Grape root borer	<i>Vitacea polistiformis</i>	W, LPD	B	L945
Gypsy moth	<i>Lymantria dispar</i>	GM, D	B	L158
Hickory shuckworm	<i>Cydia caryana</i>	W, LPD	A	L115
Honey bee	<i>Apis mellifera</i>	LPD	C	L311
Honeydew moth	<i>Cryptobbes gnidiella</i>	W, LPD	A	L932
Indian meal moth/Raisin moth	<i>Plodia interpunctella</i>	W	B	L303A
Lacania fruitworm	<i>Lacania subjuncta</i>	D,W	B	L965

Lures are packaged individually or in bulk quantities of 25 and 50

\*D=Delta, W=Wing, LPD=Large Plastic Delta, H=Heliothis, BW=Boll Weevil, GM=Gypsy Moth  
**SWD=Spotted Wing Drosophila, MG=Multigard® (Flourescent Yellow), AM=Multigard AM (Yellow), J=Jackson Trap, ML=Multilure**

# LURES

COMMON NAME	SCIENTIFIC NAME	Suggested TrapType	Pricing Group	Lure Number
Leek moth	<i>Acrolepiopsis assectella</i>	D, W	C	L995
Lesser appleworm	<i>Grapholita prunivora</i>	W, LPD	A	L809
Lesser peachtree borer	<i>Synanthedon pictipes</i>	W, LPD	A	L304
Light brown apple moth	<i>Epiphyas postvittana</i>	LPD, W, D	A	L901
Macadamia borer	<i>Cryptophlebia illepidia</i>	W,D	A	L952
Mediterranean fruit fly	<i>Ceratitidis capitata</i>	JT	C	G910
Mimosa webworm	<i>Homadaula anisocentra</i>	D	B	L930
Nantucket pine tip moth	<i>Rhyacionia frustrana</i>	D	A	L159
Nun moth	<i>Lymantria monacha</i>	LPD	B	L947
Obliquebanded leafroller	<i>Choristoneura rosaceana</i>	W, LPD	B	L110
Obliquebanded leafroller	<i>Choristoneura rosaceana</i>	W, LPD	A	L110A
Old world bollworm	<i>Helicoverpa armigera</i>	H	A	L233
Olive fruit fly (non-gender)	<i>Bactrocera oleae</i>	AM	C	L975
Olive fruit fly (spiroketal-male)	<i>Bactrocera oleae</i>	AM	B	L977
Olive moth/Citrus flower moth	<i>Prays oleae</i>	W, D, LPD	A	L943
Omnivorous leafroller	<i>Platynota stultana</i>	W, LPD	A	L813
Orange tortrix	<i>Argyrotaenia citrana</i>	W, LPD	A	L814
Oriental fruit moth	<i>Grapholita molesta</i>	W, LPD	A	L111
Pale western cutworm	<i>Agrotis orthogonia</i>	W	B	L937
Panathrene asilipennis	<i>Panathrene asilipennis</i>	W	B	L982
Peach twig borer	<i>Anarsia lineatella</i>	W, LPD	A	L815
Pear leafroller	<i>Epicharistodes acerbella</i>	W	B	L989
Pecan nut casebearer	<i>Acrobasis nuxvorella</i>	W	B	L835
Pepper weevil	<i>Anthonomus eugeni</i>	D	C	L974
Pink bollworm	<i>Pectinophora gossypiella</i>	D	B	L220A
Pitch pine moth	<i>Rhyacionia vigidana</i>	D	A	L816
Plum fruit moth	<i>Grapholita funebrana</i>	W, LPD	A	L817
Potato moth	<i>Tecia solonivora</i>	W	B	L991
Redbanded leafroller	<i>Argyrotaenia velutinana</i>	W, LPD	A	L112
San Jose scale	<i>Quadraspidiotus perniciosus</i>	W	B	L235
Sequoia pitch moth	<i>Synanthedon sequoiae</i>	W	C	L302
Southern armyworm	<i>Spodoptera eridania</i>	W, LPD	B	L992
Southwestern corn borer	<i>Diatraea grandiosella</i>	D	A	L820
Southwestern pine tip moth	<i>Rhyacionia neomeicana</i>	W,LPD	B	L161
Soybean looper	<i>Pseudoplusia includens</i>	W, LPD	A	L113
Soybean looper (5 component)	<i>Pseudoplusia includens</i>	W	C	L113A
Speckled green fruitworm	<i>Orthosia hibisci</i>	W, LPD	A	L223
Spodoptera sunia	<i>Spodoptera sunia</i>	W	A	L994
Spotted fireworm	<i>Choristoneura parallela</i>	W,LPD	C	L941
Spotted tentiform leafminer	<i>Phyllonorycter blancardella</i>	W, LPD	A	L305
Spotted wing drosophila	<i>Drosophila suzukii</i>	SWD	C	L962
Spruce budworm	<i>Choristoneura fumiferana</i>	D	A	L356
Squash vine borer	<i>Melittia cucurbitae</i>	W, LPD	B	L946
Strawberry crown moth	<i>Synathedon bibioni pennis</i>	W, LPD	C	L903
Summerfruit tortrix	<i>Adoxophyes orana</i>	W, LPD	A	L827
Sunflower moth	<i>Homoeosoma electellum</i>	W, LPD	A	L214
Threelined leafroller	<i>Pandemis limitata</i>	W	B	L308
Tobacco cutworm	<i>Spodoptera litura</i>	W	A	L828
Tobacco budworm	<i>Heliothis virescens</i>	H	A	L210
Tomato pinworm	<i>Keiferia lycopersicella</i>	W, LPD	A	L114
Tufted apple bud moth	<i>Platynota idaeusalis</i>	W, LPD	A	L309
Variiegated cutworm	<i>Peridroma saucia</i>	W	B	L938
Variiegated leafroller	<i>Platynota flavedana</i>	W	B	L819
Viburnum borer/Holly borer	<i>Synanthedon viburni</i>	W, LPD	B	L997
Viburnum crownborer	<i>Synanthedon fatifera</i>	W, LPD	B	L980
Vine mealybug	<i>Planococcus fiscus</i>	MG	B	L985
Western bean cutworm	<i>Loxagrotis albicosta</i>	W, LPD	A	L206
Western poplar clearwing moth	<i>Paranthrene robiniae</i>	W, LPD	B	L905
Blackberry clearing borer	<i>Pennisetia marginata</i>	W, LPD	B	L905
Clearwing chestnut borer	<i>Coptotriche perplexa</i>	W, LPD	B	L905
Persimmon borer	<i>Sannina uroceriformis</i>	W, LPD	B	L905
Raspberry clearwing borer	<i>Pennisetia tylaefiformis</i>	W, LPD	B	L905
Raspberry crown borer	<i>Pennisetia marginata</i>	W, LPD	B	L905
Western pine shoot borer	<i>Eucosma sonomana</i>	W, LPD	B	L360
Wheat head armyworm	<i>Faronla diffusa</i>	H, W	B	L907

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\*D=Delta, W=Wing, LPD=Large Plastic Delta, H=Heliothis, BW=Boll Weevil, GM=Gypsy Moth  
SWD=Spotted Wing Drosophila, MG=Multigard® (Flourescent Yellow), AM=Multigard AM (Yellow), J=Jackson Trap, ML=Multilure

# TRAPS

## DELTA TRAP

This economical trap is suitable for monitoring a variety of insects. Fold-out design and interior grid pattern makes insect counting quick and accurate. Bright orange exterior aids field spotting. - Item # 10300

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DELTA TRAP

## GYPSY MOTH TRAP

Commonly called a milk carton trap because its size matches a 1/2 gallon milk carton. This trap uses a pheromone lure for effective moth monitoring. Economically priced. - Item # 10350

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GYPSY MOTH TRAP

## LARGE PLASTIC DELTA TRAP

The "LPD" trap is the most widely utilized and most durable trap design in the industry. It can be used for a wide variety of insects, and functions well anytime a Wing Trap is called for. The firm, corrugated plastic trap features gridded, sticky replacement liners for recording trap counts and includes two liners with each trap, while additional replacement liners may be ordered as needed. (White) - Item # 10304, (Red) - Item # 10303, Replacement liner - Item # 10305

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LARGE PLASTIC DELTA TRAP

## BOLL WEEVIL TRAP

This trap design is used by major monitoring projects in the U.S. and abroad. Durable plastic components offer snap together assembly. High visibility base color enhances insect attraction and helps field checkers spot it easily. Snap-off cap makes trap servicing quick. - Item # 10316

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BOLL WEEVIL TRAP

## WING TRAP

Scentry's popular wing trap features a water resistant, durable, plastic top or an economical poly coated paperboard top with a replaceable sticker-coated paperboard-bottom. Inexpensive replacement bottoms give this trap a long service life. Interior grid pattern aids insect counting. Effective for monitoring many insect species common in orchards, greenhouses, and gardens. Wing Trap with plastic top.- Item # 10309 Replacement bottoms-Item #10311 Wing Trap with poly coated paperboard top-Item # 10308

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WING TRAP

## HELIOTHIS TRAP

Scentry's patented Heliothis trap is lightweight, easy to handle and collapsible. Vinyl mesh netting is strong, weather proof, UV resistant, and durable enough to last for many seasons. Removable top capture chamber makes insect counting and lure replacement easy. - Item # 10320; Trap top - Item # 10321

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HELIOTHIS TRAP

## MULTIGARD® TRAP/MULTIGARD AM TRAP

Aphids, thrips, leafminers, whiteflies and corn rootworm are attracted to the special yellow wavelength of this trap. (No pheromone lure needed.) Sticker coating in the grid area traps insects. This economical trap is a good choice for field, nursery, or home garden use. - (Flourescent Yellow) - Item # 10315, AM (Yellow) - Item # 10600

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MULTIGARD® TRAP

## SPOTTED WING DROSOPHILA TRAP

The Scentry Spotted Wing Drosophila trap is a re-usable, one-way, wet trap. When used in combination with the SWD lure, it is the industry standard for monitoring of SWD. - Item# 10330

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SPOTTED WING DROSOPHILA TRAP

# FRUIT FLY SECTION TRAPS

## JACKSON TRAP

A replaceable sticker-coated insert makes this trap an economical fruit fly monitoring tool. Inserts are ordered separately, and are easy to slide out and replace. Inserts are sturdy double-weight, polycoated paperboard construction. Jackson Bodies - Item # 10331, Jackson Inserts - Item # 10335 Jackson Trap Hanger - Item # 10333



JACKSON TRAP

## MULTILURE TRAP

The Multilure Trap is the most effective trapping system available for consistent detection and targeting of fruit fly infestations, which are a major crop pest for most fruit & berry growers. The design of this trap is made out of a durable material designed so that it can be taken apart for ease of cleaning and refilling of liquid or solid baits. Item # 10450



MULTILURE TRAP

## LURES

FRUIT FLY SPECIES	LURES	TRAP TYPE
Mediterranean fruit fly	Trimedlure Plug	JT, ML
Oriental fruit fly	Methyl Eugenol Plug	JT, ML
Melon fly	Cuelure Plug	JT, ML
Various fruit fly species	TorulaYeast/Borax Tablets	ML
Apple maggot/walnut husk fly	Ammonium Carbonate Polycon	AM

Scentry stocks a complete line of fruit fly trapping supplies. Please call customer service (800-735-5323) for additional information.

## INSECTS THAT DO NOT REQUIRE PHEROMONE LURES

COMMON NAME	SCIENTIFIC NAME	TRAP TYPE
Aphids		MG
Apple maggot	Rhagoletis pomonella	AM
Blueberry maggot	Rhagoletis mendax	AM
Cherry fruit fly	Rhagoletis cingulata	AM
Corn rootworm	Diabrotica spp.	MG
Leafminers	Liriomyza spp.	MG
Thrips		MG
Whiteflies		MG

**SCENTRY**  
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