



Pheronorm[®]

Lures and traps for monitoring of pests

One of the fundamentals of integrated and ecological plant protection is the surveillance of pest flight with the help of monitoring traps. Today there are lures available for almost all economically relevant pest species.

Consistent quality

In the application of modern ecological control methods, reliability of pheromone traps has become more important. PheroNorm dispensers guarantee a high quality and constant attractiveness for many years. Pheromone/lure traps facilitate the observation of the start, the intensity and the end of the flight period of pest species. To monitor changes in the pest population over a number of years, the same type of trap with the same type of bait should be hung at the same spot each year.

Remarks on the use of pheromone traps

Even with standardized traps, a reliable standard can only be obtained, if the following factors are observed:

- The traps for a particular pest species must be hung in the same spot and at the same level every year.
- Delta/Tetra traps: Insect glue paper becomes soiled and should be changed at least every 2 to 3 weeks. The body of the trap should be renewed every year to eliminate possible effects of traces of pheromone/lure from the previous year.
- Funnel/McPhail traps: in the subsequent season, trap bodies should be used only for monitoring the same pest species.
- During flight periods, weekly records should be made of the pest caught.
- To avoid surprises, traps for all the significant pest species should be hung out, even for those species that may have been less abundant in a previous year.
- If these points are observed, capture numbers over a number of years can be used to analyse the population dynamics of a pest species.

	Assortment	Trap
<i>Acrolepiopsis assectella</i>	Leek moth	D
<i>Adoxophyes orana</i>	Summer fruit tortrix	D
<i>Agrius planipennis</i>	Emerald ash borer	GP
<i>Agrotis ipsilon</i>	Black cutworm	F
<i>Agrotis segetum</i>	Turnip moth	F
<i>Anarsia lineatella</i>	Peach tree borer	D
<i>Anthonomus rubi</i>	Strawberry blossom weevil	PW
<i>Archips podana</i>	Fruit tree tortrix moth	D
<i>Autographa gamma</i>	Silver-Y moth	F
<i>Bactrocera oleae</i>	Olive fruit fly	M
<i>Byturus tomentosus</i>	Raspberry beetle	BT
<i>Cameraria ohridella</i>	Chestnut leafminer	F
<i>Ceratitis capitata</i>	Medflies	M
<i>Contarinia nasturtii</i>	Swede midge	T
<i>Cossus cossus</i>	European goat moth	F
<i>Cryptophlebia leucotreta</i>	False codling moth	D
<i>Cydia nigricana</i>	Pea moth	D
<i>Cydia pomonella</i>	Codling moth	D
<i>Cydia splendana</i>	Chestnut tortrix	D
<i>Dasineura gleditchiae</i>	Honeylocust podgall midge	D
<i>Diabrotica virgifera (m)</i>	Western corn rootworm (m)	P/Ps
<i>Diabrotica virgifera (m+w)</i>	Western corn rootworm (m+w)	P/Ps
<i>Diaphania perspectalis</i>	Box tree moth	F
<i>Enarmonia formosana</i>	Cherry bark tortrix	D
<i>Eupoecilia ambiguella</i>	European grape berry moth	D
<i>Grapholita funebrana</i>	Plum fruit moth	D
<i>Grapholita lobarzewskii</i>	Small-fruit tortix moth	D
<i>Grapholita molesta</i>	Oriental fruit moth	D
<i>Halyomorpha halys</i>	Brown marmorated stink bug	B
<i>Helicoverpa armigera</i>	Cotton bollworm	F
<i>Helicoverpa virescens</i>	Tobacco budworm	F
<i>Leucoptera scitella</i>	Pear leaf blister moth	D
<i>Lobesia botrana</i>	Grapevine moth	D
<i>Lygus rugulipennis</i>	European tarnished plant bug	PG
<i>Lymantria dispar</i>	Gypsy moth	F
<i>Mamestra brassicae</i>	Cabbage moth	F
<i>Ostrinia nubilalis, Z</i>	European corn borer Z	D

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<i>Lymantria dispar</i>	Gypsy moth	F
<i>Mamestra brassicae</i>	Cabbage moth	F
<i>Ostrinia nubilalis, Z</i>	European corn borer Z	D
<i>Pammene rhediella</i>	Fruitlet mining tortrix	D
<i>Pandemis heparana</i>	Apple brown tortrix	D
<i>Pennisetia hylaeiformis</i>	Raspberry clearwing	F
<i>Phthorimaea operculella</i>	Potato tuber moth	F
<i>Plodia interpunctella</i>	Indian meal moth	D
<i>Plutella xylostella</i>	Diamond back moth	D
<i>Popillia japonica</i>	Japanese beetle	PY
<i>Quadraspidiotus perniciosus</i>	San Jose scale	D
<i>Resseliella theobaldi</i>	Raspberry cane midge	T
<i>Rhagoletis cerasi</i>	Cherry maggot	R
<i>Scrobipalpa ocellatella</i>	Teigne de la beterrave	D
<i>Sparganothis pilleriana</i>	Grape leaf roller	D
<i>Spilonota ocellana</i>	Eye-spotted bud moth	D
<i>Spodoptera exigua</i>	Beet Armyworm	F
<i>Spodoptera frugiperda</i>	Fall armyworm	F
<i>Spodoptera littoralis</i>	Egyptian cotton leafworm	F
<i>Synanthedon myopaeiformis</i>	Apple clearwing moth	F
<i>Synanthedon tipuliformis</i>	Currant clearwing moth	F
<i>Thaumetopoea processionea</i>	Oak processionary	F
<i>Tuta absoluta</i>	Tomato leafminer	D/W
<i>Zeuzera pyrina</i>	Leopard moth	F

Traps

D Delta	T Tetra	B Bug trap
P PAL	R Rebell amarillo	F Funnel
M McPhail	BT Butotrap	Ps PALs
W Water trap	PW Panel W	PG Panel G
GP Green Prism	PY Panel Y	

ⓘ The storage period can be found in the instructions for use.

Healthy Food and Healthy Environment, for all

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