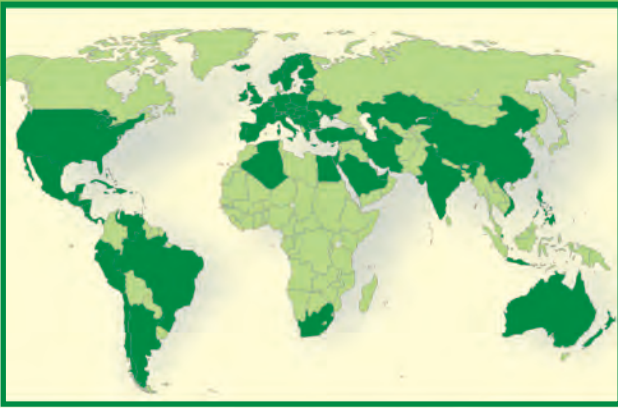


PRODUCTS FOR PROFESSIONAL PEST CONTROL





INTRODUCTION

BÁBOLNA BIO is a well-known, recognized company in **Public Health pest control industry**. Since its foundation in **1965**, the company has been developing steadily. From a small pest control servicing company at the time, it has grown and expanded its activities both geographically and in terms of product portfolio and technologies. The company has not only been a part of the pest control industry, but since its establishment **BÁBOLNA BIO** has been an active participant in the development and dissemination of modern pest control methods and products. Now **BÁBOLNA BIO** has the capability to supply conventional and environmentally safe products. The basis for this is a sound technical understanding backed up by state of the art formulation and analytical laboratories, along with secure rodent and insect control testing facilities. This has enabled **BÁBOLNA BIO** not only to meet the stringent requirements of the Biocidal Products Regulation in Europe, but also the EPA in the United States and APVMA in Australia. **BÁBOLNA BIO** holds over 240 individual product registrations across Europe, USA, Latin America, Australia, Asia and the Middle East. All this backed up by an experienced commercial and logistics team who master many languages and cultures in offering **BÁBOLNA BIO** products and support to customers in more than 30 countries directly and a further 20 through partnerships. If you are looking to build long term partnerships then the nearly sixty-year-old **BÁBOLNA BIO** is truly the Quality at the Heart of Europe.



BIOPREN®

BioStop



**KILRAT®
PLUS**

PESTSTOP®

RaTaTa®

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**DON'T WAIT TILL
IT'S TOO LATE!**



**GET OUR TOWNS FREE
FROM RATS WITH
PROTECT SENSATION®**



PATENT No.:
EP 2806735
AU 2012367809
US 9,314,016
CA 2 862 929
MX 359470

- the unique 2 in 1 rodenticide bait combines the improved acceptance of the fresh bait with the safety of the wax block
- increased consumption without the risk of being taken away
- the result: faster and more efficient elimination of rat infestations

Active ingredient: 0.005 % w/w (0.05 g/kg) bromadiolone. Use biocides safely. Always read the label and product information before use.

RODENTICIDES



PROTECT SENSATION®

Active ingredient: **w/w 0.005 % (0.05 g/kg) bromadiolone**

Unique, non-scatter, ready to use, combined 2 in 1 formulation of fresh bait in extruded wax block against **rats** and **mice**. The fresh bait inside has excellent attractiveness while the wax on the outside prevents scattering of the bait and provides excellent weather resistance. The hole allows fixing the block. The consumption is easy to define from the obvious gnawing marks. Especially recommended for control in food industry units inside special bait boxes where HACCP requirements are to be met. **Available size(s):** 25 g and 50 g.

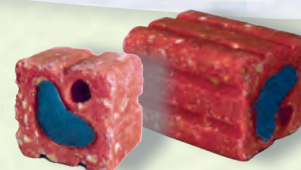
Application dose:

50 g block for rat control:

- in case of slight infestation: 200 grams / 10 metres in bait box
- in case of heavy infestation: 200 grams / 7 metres in bait box

25 g block for mouse control:

- 50 g / 5 m² in bait box.



packing unit	unit/pallet
8 kg/bucket	40



DANGER

PROTECT® PRO EXTRUDED WAX BLOCK

Active ingredient: **w/w 0.005 % (0.05 g/kg) bromadiolone**
(Upon special request, also available with **27 ppm** active ingredient content.)

Non-scatter ready to use bait containing wax for **rats** and **mice control**, with a hole in the middle to fix. Especially recommended for control in food industry units inside special bait boxes where HACCP requirements are to be met.

Available size(s): 25 g and 50 g.

Application dose for mice:

- 2 pcs of 25 g block / bait box for mice
- 1 bait box / 5 - 10 metres

Application dose for rats:

- 4 pcs of 50 g block/bait box for rats
- 1 bait box / 5 - 10 metres



packing unit	unit/pallet
10 kg/bucket	40



DANGER

RODENTICIDES WITH BROMADIOLONE

BABOLNA BIO has received approvals for bromadiolone active substance and for 8 bromadiolone based rodenticide formulations according to the EU BPD/BPR.



REVOLUTION



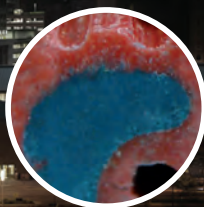
GRAIN BAIT



MIXED BAIT



WAX BLOCK (EXTRUDED)



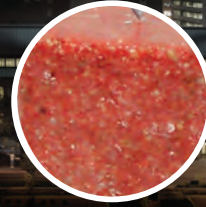
SENSATION



PELLET



FRESH BAIT



SEWER BLOCK

INDOOR USE

Houses, offices

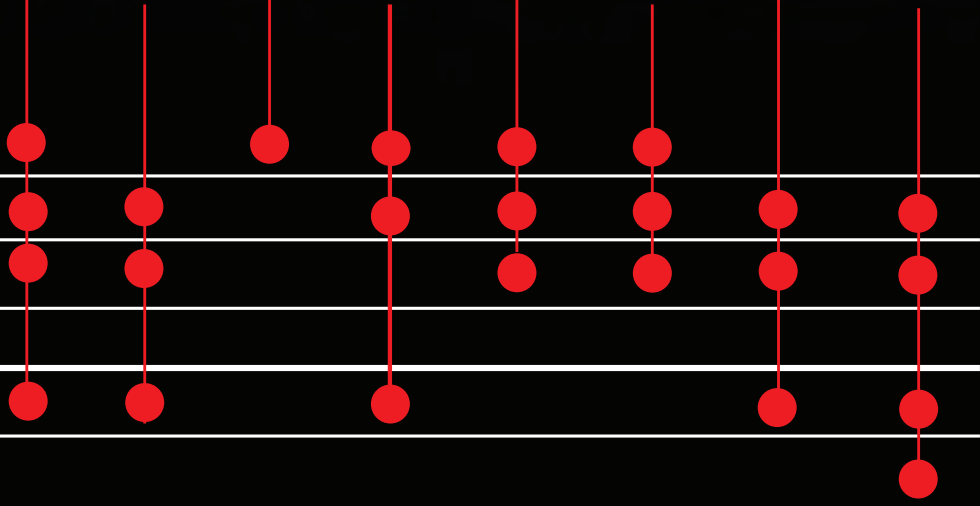
Agricultural buildings

Stores, warehouses

OUTDOOR USE

Around buildings

Sewage systems



Babolna Bio

Our experience is your success!

RODENTICIDES WITH BROMADIOLONE



PROTECT® PRO RODENTICIDE FRESH BAIT

Active ingredient: w/w **0.005 %** (0.05 g/kg) **bromadiolone**
(Upon special request, also available with **27 ppm** active ingredient content.)

Individually packed, 10-gram ready-to-use paste formulation for **rats** and **mice control**. The soft, oily paste with its intensive smell and excellent taste attracts rats even in those places where they can easily find alternative food as well.

Application dose:

for rats: 120-200 g / 5-10 metres
for mice: 40 g / 5-10 metres

packing unit	unit/pallet
5 kg/bucket	64
25 kg/carton box	24



DANGER



PROTECT® PRO GRAIN BAIT

Active ingredient: w/w **0.005 %** (0.05 g/kg) **bromadiolone**
(Upon special request, also available with **27 ppm** active ingredient content.)

Ready-to-use, specially coated grain bait formulation with second generation anticoagulant active ingredient content for **rats** and **mice control**. Available in different bulk packages for use in bait boxes.

The scientifically tested aroma permeable packaging lets rodents feel the scent of the bait, which attracts rats and mice as effectively as if it were opened. Enables safe human handling without compromising the product's attractiveness to rodents. Allows accurate dosing and easy control of consumption, thus maximizing cost-effectiveness.

Application dose as bulk: for rats: 200-250 g / 7 - 10 metres
for mice: 50-100 g / 5 metres

Application dose as sachet: for rats: 8-10 sachets / 7 - 10 metres
for mice: 2-4 sachets / 5 metres

packing unit	unit/pallet
10 kg/bucket	40
25 kg/ paper bag	20
400 x 25 g/paper sachet	32



DANGER



RODENTICIDES WITH BROMADIOLONE



PROTECT® PRO PELLET (GRANULE BAIT)

Active ingredient: **w/w 0.005 %** (0.05 g/kg) **bromadiolone**
(Upon special request, also available with **27 ppm** active ingredient content.)

Ready-to-use pellet for **rats** and **mice control** with second generation anticoagulant active ingredient content. The delayed action anticoagulant rodenticide granule kills the rodents generally after one consumption. The tray covered with aroma permeable foil may be used without opening. The trays may be directly placed in Multibaiter bait box for rats.

Application dose: for rats: 175 - 250 g / 7 - 10 metres
for mice: 50 - 100 g / 5 m²
1 tray / 7 - 10 metres



DANGER

packing unit	unit/carton	unit/pallet
175 g/plastic tray	64	1 920
10 kg/bucket	-	40
20 kg/paper bag	-	20
30 kg/paper drum	-	12



RATATA® MIXED BAIT

Active ingredient: **w/w 0.0027 %** (0.027 g/kg) **bromadiolone**

Special rodenticide bait mixture of loose bait and pellets that satisfies all physiological needs related to the feeding of **rats** and **mice**. Being extremely palatable, it is especially recommended at places where there is a lot of alternative food available for the rodents. Available in plastic trays covered with aroma permeable foil to use without opening in bait boxes or in different bulk packages.

Application dose:
for rats: 50 - 250 g / 7 - 10 metres
for mice: 50 - 100 g / 5 m²
1 tray / 3 metres



WARNING

packing unit	unit/carton	unit/pallet
75 g/plastic tray	64	1 920
4 kg/bucket	-	80
12 kg/bucket	-	40

JUST AHEAD OF THE CAT...



Over the past few decades, BÁBOLNA BIO has gained extensive experience in developing and manufacturing rodent control products. The ready to use rodenticide formulations are quite versatile for application against mice and rats both in and around buildings as well as in the sewage system. Our rodenticides are exclusively made of food grade cereals which undergo continuous testing in our laboratories and irresistibly attract rodents.

Since PROTECT® rodenticides are distributed in multiple formulations and packaging, they can be effectively and safely used under any circumstances in homes, industrial facilities, outbuildings (workshops, garages, etc.), farm-buildings (barns, silos, etc.) and any other place where rodents cause damage in indoor or outdoor areas.

FOR PROFESSIONALS!



RODENTICIDES WITH BROMADIOLONE



PROTECT® SEWER BLOCK

Active ingredient: **w/w 0.005 % (0.05 g/kg) bromadiolone**

Compressed wax block in special shapes covered with an external wax layer for **rats**. Specially developed to be used under wet and humid conditions. Excellent to treat the sewage system and storm-water gullies. Available in different sizes, with a built-in wire for hanging.

Application dose:

in sewers, manholes, gully-holes 100-200 g / baiting point

in/around buildings 100 g / baiting point

in dumps or landfills in urban environments 100 g / baiting point



DANGER

packing unit	unit/carton	unit/pallet
100 g block	150	6 750
200 g block	80	3 600



PROTECT® SEWER DISC

Active ingredient: **w/w 0.005 % (0.05 g/kg) bromadiolone**

Compressed wax disc with an external wax layer and mould inhibitor, for the control of **rats** under wet and humid conditions. Especially developed to treat the sewage system and storm-water gullies. Available in different sizes, with a built-in wire for hanging.

Application dose:

75-200 g per baiting point per 5-10 metres depending on the level of infestation



DANGER

packing unit	unit/carton	unit/pallet
75 g disc	100	6 000
120 g disc	100	3 600
20 x 200 g disc / foil	4	120

MAKE OUR CITIES RATPROOF AGAIN!



Protect[®] SEWER BLOCKS

Excellent to treat the sewage system
and storm-water gullies



- specially developed to be used under wet and humid conditions
- wax layer contains mould inhibitor
- built-in wire for easy hanging
- different shapes & sizes (100 g, 200 g)

Active ingredient: 0.005 % w/w (0.05 g/kg) bromadiolone

RODENTICIDES WITH BRODIFACOUM

Brodifacoum based formulations with 25 ppm active substance level are available upon special request.



KILRAT® PLUS PELLET (GRANULE) BAIT

Active ingredient: **w/w 0.005 % (0.05 g/kg) brodifacoum**

Ready to use pellet for **rats** and **mice control**, with potent second generation anticoagulant active ingredient content. The delayed action anticoagulant rodenticide pellet kills the rodents after one consumption, therefore make sure to provide enough poisoned pellet for them even in case of a heavy infestation. Also kills rodents resistant to less potent anticoagulants.

Application dose: for rats: 100 g / 5 - 10 metres
for mice: 40 g / 5 - 10 metres



DANGER

packing unit	unit/pallet
10 kg / bucket	40
30 kg / paper drum	12



KILRAT® PLUS RODENTICIDE FRESH BAIT

Active ingredient: **w/w 0.005 % (0.05 g/kg) brodifacoum**

Individually packed, 10-gram ready-to-use paste formulation for **rats** and **mice control**. The soft, oily paste with its intensive smell and excellent taste attracts rats even in those places where they can easily find alternative food as well. Also kills rodents resistant to less potent anticoagulants.

Application dose: for rats: 100 g / 5 - 10 metres
for mice: 40 g / 5 - 10 metres



DANGER

packing unit	unit/pallet
5 kg / bucket	64
25 kg / carton box	24



KILRAT® PLUS EXTRUDED WAX BLOCK

Active ingredient: **w/w 0.005 % (0.05 g/kg) brodifacoum**

Non-scatter ready to use bait containing wax for **rats** and **mice control**, with a hole in the middle to fix. Especially recommended for control in food industry units inside special bait boxes where HACCP requirements are to be met. Also kills rodents resistant to less potent anticoagulants.

Available size(s): 20 g

Application dose: for rats: 100 g / 5 - 10 metres
for mice: 40 g / 5 - 10 metres



DANGER

packing unit	unit/pallet
10 kg / bucket	40

BAIT STATIONS



MULTIBAITER® BAIT BOX FOR RATS

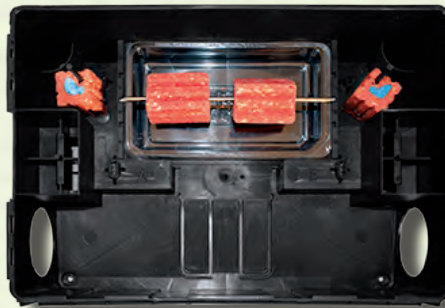
Tamper resistant bait box to be used indoors and outdoors - an economic and safe tool to place baits for **rats**. Made of UV and frost resistant, robust, plastic (polypropylene) material. The slightly arched lid allows run-off of rain-water. The lid can be mounted in reverse, so that the box can be opened either to the left or to the right side. It has a dedicated area to place personalised label and warnings. Special rods and rails facilitate placement of various bait formulations inside the box. The specially designed inner humidity/moisture drainage system and holes help run-off of the water entering the box, thus conserving the integrity of the rodenticide bait inside. May be fixed to the wall or the floor. The bait box is suitable for safe application of all rodenticide formulations produced by BÁBOLNA BIO.



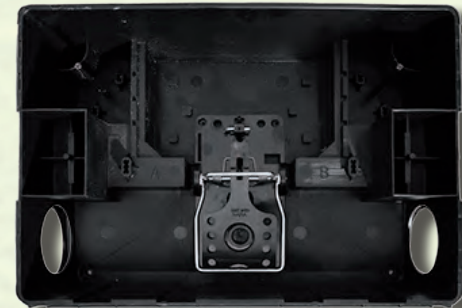
size	unit/carton	unit/pallet
32,5 x 25,5 x 15,5 cm	6	72



Aroma permeable tray



Wax block on vertical or horizontal rods

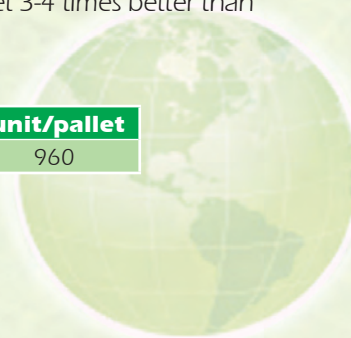


Guillotine trap

MULTIBAITER® BAIT BOX FOR MICE

To be used for economic and safe bait placement for **mice**. It has a dedicated area to place personalised label and warnings. Can be filled with extruded wax blocks or with ready-to-use baits packed in filter sachet. Mice consume the cereal loose bait in sachet 3-4 times better than wax block.

size	unit/carton	unit/pallet
14 x 10 x 4,5 cm	80	960

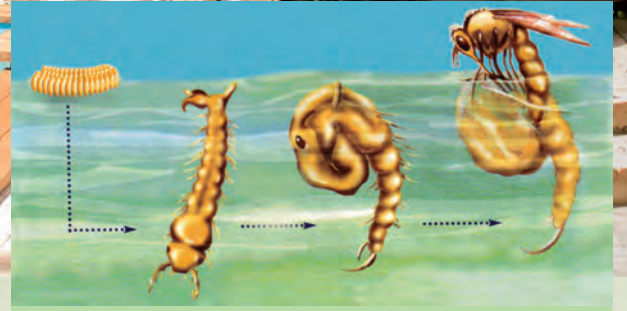


INSECT GROWTH REGULATOR PRODUCTS



VECTOR CONTROL

S-METHOPRENE BASED MOSQUITO LARVICIDES FOR PROFESSIONAL USE



S-methoprene based mosquito larvicides disrupt the process of development of mosquito larvae. In Europe, these formulations are mainly recommended for the treatment of puddles, ponds, swamps and other artificial water reservoirs. The **S-methoprene** active substance interrupts the mosquito's life cycle thus preventing the emergence of biting and reproductive/fertile adults. Though the larvae treated with **S-methoprene** will stay alive and continue to develop to the pupal stage, they will die in that stage either prior to reaching maturity or stuck in the puparium just while trying to emerge. The **S-methoprene** is effective against a number of mosquito species including *Anopheles*, *Culex*, *Culiseta*, *Coquilletidia* spp. as well as those of the floodwater complex, *Aedes* and *Psorophora* spp. It is most efficient when applied to third and fourth larval stages. **S-methoprene** has no effect on mosquitoes which have reached the pupal or adult stage prior to treatment. For this purpose, use an adulticide which has good knock-down effect.

SAFETY

S-methoprene based mosquito larvicides are enviro-friendly formulations. **S-methoprene** does not pose unreasonable risks to wildlife or the environment. Its toxicity to fish and birds is low. The acute oral toxicity of **S-methoprene** and other toxicological parameters are also very favourable, with extremely low mammalian toxicity.

FORMULATIONS

BIOPREN® mosquito larvicides include granule, tablet and liquid - partly microencapsulated - concentrate formulations.

BIOPREN® 4 GR MOSQUITO LARVICIDE GRANULE

Active ingredient: w/w 0.4 % (4 g/kg) **S-methoprene**

The redy-to-use BIOPREN® 4 GR prevents the emergence of adult mosquitoes, including common *Aedes* spp. and *Culex* spp. at treated sites. In the EU, recommended for use in artificial water holding features which are not in contact with sewage treatment plant or aquatic compartment. Avoid releasing into natural/fresh water. Apply by hand or hand-held equipment capable of achieving good, even coverage.

Application dose: 2 - 5 kg/ha, depending on quality and depth of water

packing unit	unit/pallet
5 kg /bucket	80
20 kg/bucket	33



INSECT GROWTH REGULATOR PRODUCTS



BIOPREN® MOSQUITO LARVICIDE TABLET

Active ingredient: **w/w 0.5 % (5 g/kg) S-methoprene**

The product that affects the larvae of various mosquito species (*Aedes aegypti*, *Culex pipiens* etc.) and is especially efficient against the **tiger mosquito** (*Aedes albopictus*). Dropped into the water, the tablet releases the active substance continuously and at a slow rate, thus inhibiting the emergence of imagoes out of the treated water. Due to the delayed action of the active substance, most individuals are destroyed during the pupal stage. The product has no effect on adult mosquitoes. In the EU it is used to treat smaller or larger water holding features, which are not used as drinking water or for keeping (ornamental) fish, and which may serve, temporarily or permanently, as breeding sites of mosquito larvae.

Application dose:

For clear water: 1 x 2 g or 4 x 0,5 g tablet / 1000 l of water

For water polluted with organic matters:

1 x 2 g or 4 x 0,5 g tablet / 500 - 1000 l of water

For high load of organic matters:

1 x 2 g or 4 x 0,5 g tablet / 50 l of water



packing unit	unit/carton	unit/pallet
1 kg/bottle (2 g)	12	180
5 kg/bucket (2 g)	-	64
1 kg/bottle (0.5 g)	12	180

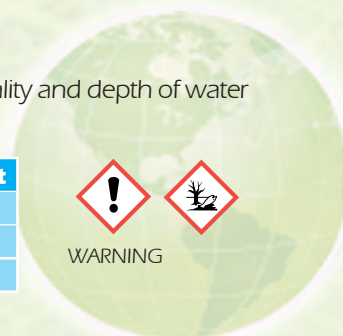
BIOPREN® 50 LML LIQUID MOSQUITO LARVICIDE

Active ingredient: **w/w 5.0 % (51.50 g/l) S-methoprene**

A water based emulsifiable capsule suspension concentrate with **S-methoprene** insect growth regulator in free and slow release microencapsulated form for control of mosquito larvae. The free part acts immediately while the microencapsulated part has residual efficacy. In the EU the product is used to treat small scale water holding features/aquatic areas not connected to the natural aquatic compartment or sewage treatment plants.

Application dose: 220 - 360 ml/ha, depending on quality and depth of water

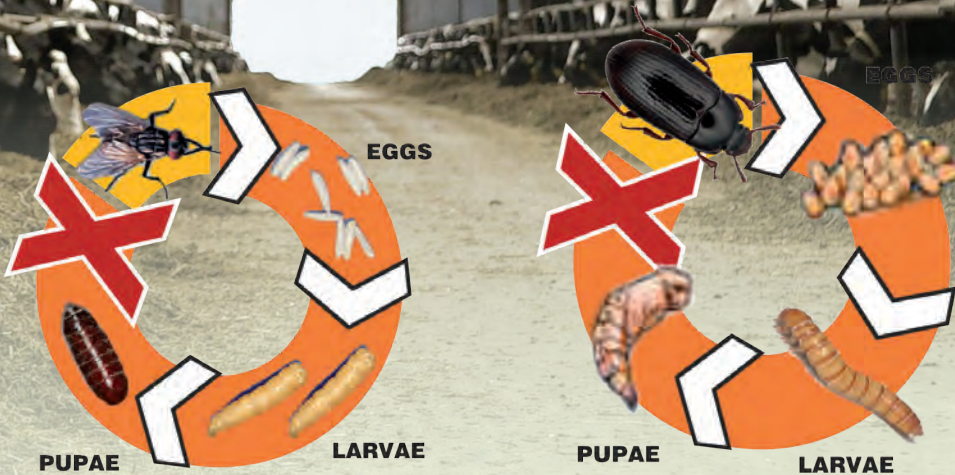
packing unit	unit/carton	unit/pallet
1 litre/bottle	12	384
5 litres/can	2	66
25 litres	-	6



FOR LARVAE CONTROL



The importance of fly control using Insect Growth Regulator (IGR) products has recently grown in pest control. The wide-spread resistance to various adulticides developed as a consequence of their use over a long time makes it quite a challenge to reach satisfactory, effective control with insecticides alone. Larvicide application may significantly decrease the level of hardly noticeable fly infestation and, as a result, reduce the frequency of insecticide treatments.



ADVANTAGES:

- Eliminate less visible part of fly and litter beetle population
- Significant efficacy and long lasting residuality
- Effective against the fly larvae resistant to synthetic pyrethroids
- Not toxic to vertebrates and environment friendly
- Adequate for pre-hatch application of flies and litter beetle

FOR FLY CONTROL



BIOPREN® 4 GR PLUS LARVICIDE GRANULE

Active ingredient: **w/w 0.4 % (4 g/kg) S-methoprene**

The new BIOPREN® 4GR PLUS is an **S-methoprene** (IGR)-based larvicide that, in addition to the effective control of **fly**, can already be used efficiently against the larvae of **litter beetle**. Contains the **S-methoprene** active substance both in free and microencapsulated form. The free form has immediate action on the larvae, while the microencapsulated part provides a prolonged effect over a 90-day period.

The ready-to-use product can be applied directly on the surface of the manure with an appropriate device (for example, a hand-held granule applicator), according to the indicated dosage. May be used in closed pig, cattle and poultry farms and other livestock/farm buildings to prevent fly larvae breeding in the manure from developing into imagoes. Outdoor manure pits may also be treated if their containers are leak-proof and insulated.

Application dose: 30 g/m² for a 10 cm thick manure layer

packing unit	unit/pallet
5 kg /bucket	80
20 kg/bucket	33



BIOPREN® 50 LFL LIQUID FLY LARVICIDE

Active ingredient: **w/w 5.0 % (51.5 g/l) S-methoprene**

Emulsifiable larvicide concentrate for the effective control of **fly larvae** in livestock/farm buildings, poultry houses, barns, etc. Contains insect growth regulator **S-methoprene** in free and microencapsulated form. The free part starts to act immediately and the microencapsulated part has residual efficacy. Following dilution in water, it may be used alone as a spray. To improve efficiency, however, it is recommended to complement the treatment with an adulticide. To be applied with a sprayer, such as hand-held, backpack or power sprayer capable of delivering coarse surface wetting spray.

Application dose: 230-240 ml in 5 l water/100 m²

packing unit	unit/carton	unit/pallet
1 litre/bottle	12	384
5 litres/can	2	66



WARNING



BEDBUGS ARE NOT TRENDY



For calm nights: BIOPREN® 6 EC BEDBUG AND FLEA KILLER CONCENTRATE

Triple action to control pests:

- **Chrysanthemum flower extract (natural pyrethrum)** to flush out and knock down hidden insects
- **S-methoprene** insect growth regulator to prevent development into adults
- **PBO** to enhance efficacy

Actives give highly effective and safe use even on mattresses.

FOR BLOOD SUCKING INSECTS



BIOPREN® 6 EC INSECTICIDE CONCENTRATE

Active ingredients: **6.74 %** (60 g/l) **S-methoprene**
4.81 % (43 g/l) **Chrysanthemum flower extract (natural pyrethrum)**
10.17 % (91 g/l) **PBO**

Emulsifiable concentrate containing insect growth regulator (IGR), insecticide and synergist combination for control of **bedbugs** and **fleas**. Especially recommended for control of bedbugs resistant to synthetic pyrethroids. The product has excellent flushing out effect. The spray solution should be applied directly onto the hiding places and the whereabouts of the insects as well as to the bedbugs crawling out of their harbourages. Dilution rate for bedbug control: 50 ml / 5 litres of water
 Dilution rate for flea control: 20 ml / 5 litres of water

Application dose: 5 litres of working solution for 100 m² surface.

packing unit	unit/carton	unit/pallet
0.5 litre/dosing bottle	12	528
1 litre/bottle	12	384



DANGER

BIOPREN® BEDBUG AND FLEA KILLER SPRAY

Active ingredients: **0.28 %** (2.24 g/l) **S-methoprene**
0.18 % (1.44 g/l) **Chrysanthemum flower extract (natural pyrethrum)**
0.36 % (2.88 g/l) **PBO**

Novel, up-to-date, ready-to-use product for control of blood sucking insects such as **bedbugs**, **fleas** and other **crawling insects**. Its **S-methoprene** content disrupts the life cycle of insects, by preventing the development into adults. The product controls even those pests that are resistant to synthetic pyrethroid insecticides. The spray solution should be applied directly onto the hiding places and the whereabouts of the insects as well as to the bedbugs crawling out of their harbourages.

Application dose:

Bedbug control: approx. 15 ml (12-13 trigger pulls)/m²

Flea control: approx. 5 ml (4-5 trigger pulls)/m²

packing unit	unit/carton	unit/pallet
0.5 litre/trigger sprayer	12	384



DANGER





BIOPREN® 5 EC INSECT LARVICIDE CONCENTRATE

Active ingredient: **w/w 6.11 % (50.00 g/l) S-methoprene**

An oil-based emulsifiable concentrate with **S-methoprene** insect growth regulator active substance content for spray application to prevent the development of **flea larvae** in indoor areas. May be applied alone or in combination with fast acting insecticides. If applied and dosed in compliance with the directions for use and applied in the recommended dose, the treatment can ensure 6 to 9 month residuality against fleas.


Application dose:
against fleas as spray 5 ml to 5 l water/100 m²

packing unit	unit/carton	unit/pallet
500 ml/bottle	12	528




DANGER

95 % OF THE FLEA POPULATION IS HIDDEN



5%



Most of the fleas are living in your pet's environment, rather than in its fur.

For efficient flea control, on-animal treatment is only part of the prevention, as adult fleas make out only 5 % of the whole population.

As **95 % of flea population is hidden in egg, larva and pupa stage, treatment of living premises** and preferred resting areas of dogs and cats is a must.

S-methoprene Insect Growth Regulator will interrupt the life cycle of the hidden part of the population, preventing them from reaching maturity and will significantly reduce the possibility of re-infestation.

FOR COCKROACH CONTROL



BIOPREN® COCKROACH GEL

Active ingredients: **w/w 0.50 %** (5 g/kg) **S-methoprene**
 w/w 2.15 % (21.5 g/kg) **imidacloprid**

Highly palatable and readily consumed gel formulation for indoor control of **cockroaches**. May be used with an appropriate bait gun/applicator only. To be applied on clean, washable, horizontal or vertical surfaces in approx. 4 mm diameter (0.04 g) drops at a rate of 1-4 drops/linear metre (depending on the cockroach species and the level of infestation). A single tube of gel is sufficient to treat 150-500 m².

Application dose:

in case of **German** cockroach infestation 3-4 drops/m²

in case of **Oriental** or **American** cockroach infestation 4-6 drops/m²

packing unit	unit/carton	unit/pallet
4 x 40 g /tube in plastic box	128	4 096



WARNING



VERY EFFICIENT, UNIVERSAL GEL

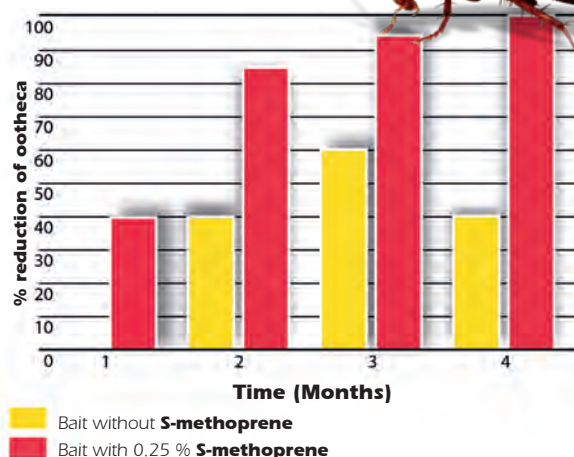
BIOPREN® Cockroach Gel contains a combination of active ingredients: an adulticide and an insect growth regulator.

The new technology incorporating imidacloprid in **BIOPREN® Cockroach Gel** has enabled it to be imperceptible for the most common cockroach species, and thus has resulted in a highly effective product against *Blattella germanica*, *Blatta orientalis* and *Periplaneta americana*.



The gel contains IGR **S-methoprene** which disrupts the development of larvae and prevents their development into adults ensuring full eradication of the cockroach population.

The use of **BIOPREN® Cockroach Gel** considerably reduced the number of newly hatched individuals in the treated premises thus reducing the frequency of applications. Optimum results obtained with less call-backs.



High cohesion: It keeps its shape – no leak, no drop.
High adhesion: Can be applied on horizontal or vertical surfaces.



THE EFFECTS OF S-METHOPRENE BASED BAIT ON ANT SPECIES

TOTAL COLONY ELIMINATION IS ACHIEVED

S-methoprene, the biorational, enviro - friendly active ingredient incorporated in different carriers and BIOPREN® formulations provides reliable control of a variety of ants including Pharaoh's ant, Garden ant and Argentine ant.



BIOPREN® ANT GEL

Active ingredients: **w/w 0.08 %** (0.8 g/kg) **S-methoprene**
 w/w 0.01 % (0.1 g/kg) **imidacloprid**

Gel formulation for the control of common **ant** species (living in homes and gardens, like the black ant) indoors and on terraces. May be used with an appropriate bait gun/applicator only.

To be applied on clean, dry, horizontal surfaces in approx. 5 mm diameter (0.1 g) drops at a rate of 1 drop / m² along the migration routes and around the nest entrance. The use of gel canteen (bait station) increases the efficiency of the gel (see on page 26).

A single tube of gel is sufficient to treat 300 m² surface.

Application dose: 1-3 drops / m²

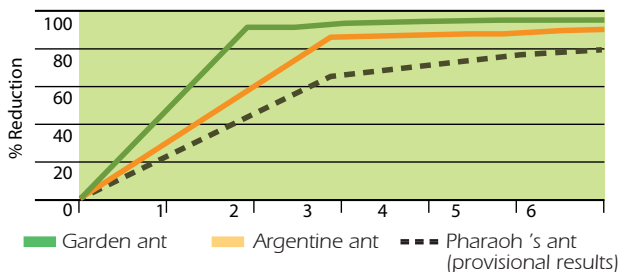


packing unit	unit/carton	unit/pallet
4 x 30 g / tube in plastic box	128	4 096

HIGHLY ATTRACTIVE GEL FOR THE MAIN ANT SPECIES

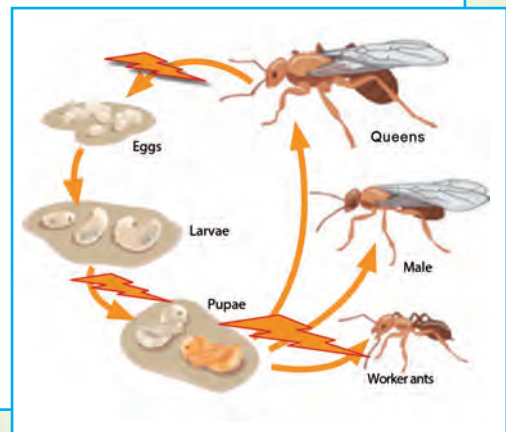


Effectiveness in field tests



BIOPREN® Ant Gel offers a combination of an optimum sugar/protein mixture and two actives: an adulticide (imidacloprid) and an IGR (S-methoprene).

The imidacloprid active ingredient incorporated into the bait is carefully designed to provide delayed ant mortality. As a result, once ingested by the worker ants, the bait will most probably reach and contaminate the whole colony.



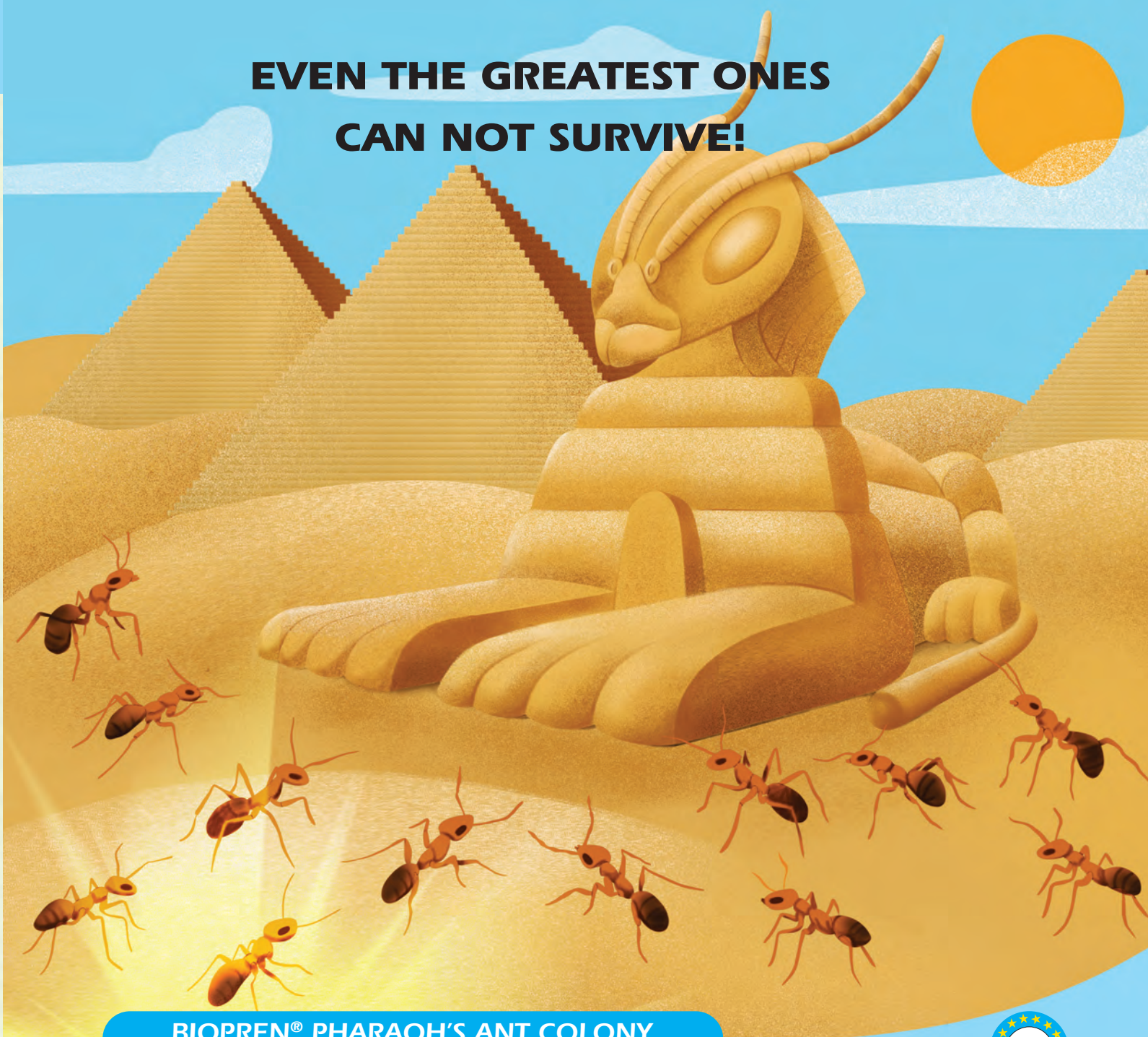
Thanks to the **S-methoprene** content, when the bait is carried into the nest by workers, new ant births will drop - which is not the case with conventional formulations.

S-methoprene prevents the transformation of larvae and pupae into adults and reduces the fertility of the queen, thus allowing the eradication of the colony.

High palatability: **BIOPREN® Ant Gel** is irresistible for foraging ants responsible for taking the food to the nest by means of trophallaxis.

Optimum adhesion: correct application, even on vertical surfaces.

EVEN THE GREATEST ONES CAN NOT SURVIVE!



BIOPREN® PHAROAH'S ANT COLONY ELIMINATOR



Active ingredient: **w/w 0.50 % (5 g/kg) S-methoprene**

Ready-to-use baiting and monitoring station for the control of **pharaoh's ants** in homes, hospitals and other sensitive areas. **S-methoprene**, the insect growth regulator disrupts the reproduction cycle and eliminates ant infestation within 10 to 14 weeks. Bait is closed in a (transparent) plastic bait station that can be stuck near the ants' foraging routes. Extremely effective. The level of ant infestation is simple to monitor through bait consumption.

Application dose: 4-6 blisters / average size flat

packing unit	unit/carton	unit/pallet
12 x 2.5 gr blister/box	20	23 040
24 x 2.5 gr blister/box	24	28 800





PESTOP® COMBI 8 CS INSECTICIDE CONCENTRATE

Active ingredients: **w/w 5.98 % (60 g/l) permethrin**
w/w 2.6 % (27 g/l) cypermethrin
w/w 0.5 % (48.1 g/l) Chrysanthemum flower extract (natural pyrethrum)
w/w 7.6 % (78 g/l) PBO

Special microencapsulated concentrate for the control of crawling insects (like cockroaches) and flies indoors, as well as for crawling insect control around buildings.

Residuality: against **crawling insects, 12 weeks** indoors and on non-porous surfaces, and **4 weeks** outdoors and on porous surfaces. Against **house flies 2 weeks**.

Crawling insect control:

In case of larger cockroaches (like Oriental) and for use around buildings:

- Use 120 ml of concentrate to prepare 5 litres of working solution.

In case of smaller cockroaches (like German) and flies:

- Use 60 ml of concentrate to prepare 5 litres working solution.

On the average, 5 litres working solution is enough to treat a surface of 100 m².



WARNING

packing unit	unit/carton	unit/pallet
1 litre/bottle	12	384



PESGUARD®-B INSECTICIDE CONCENTRATE

Active ingredients: **w/w 12.0 % (120 g/l) cyphenothrin**
w/w 4.0 % (40 g/l) d-tetramethrin

Emulsifiable concentrate for spray application against **crawling insects**. The active ingredient combination ensures fast knock-down, good flush-out and excellent killing effect.

Application dose for spraying: 50 - 100 ml to 5 l water / 100 m²



DANGER

packing unit	unit/carton	unit/pallet
1 litre/bottle	12	384

INSECTICIDE CONCENTRATES



PESTSTOP® ACTIVE 10 EC INSECTICIDE CONCENTRATE

Active ingredient: **w/w 10,53%** (110,57 g/l) **cypermethrin**

Emulsifiable concentrate for spray application against **cockroach** (*Blattella germanica*, *Blatta orientalis*) and **ants** (*Lasius niger*) for indoor and against ant nests for outdoor.

Application dose to prepare the working solution against cockroach and ant:

- To treat porous surfaces: (brick, wood): 10 ml concentrate/1 litre water
- To treat non-porous surfaces: (galls, plastic, metal, ceramics): 5 ml concentrate/1 litre water. On average 5 litres of working solution is enough to treat a surface of 100 m². Residuality: 4 weeks.

Treatment can be performed max. up to 2 times per year.

Application dose to prepare the working solution against ant nests:

- 5 ml PESTSTOP concentrate/1 litre water

Application dose: 25 ml working solution/ant nest

Application frequency: max. 1 time per ant nest

Application dose against crawling insects: 25 - 50 ml to 5 l water / 100 m²

Application dose against flying insects: 50 ml to 5 l water / 100 m²

The product has a biocidal registration. This allows keeping the product in our range on the long term.



packing unit	unit/carton	unit/pallet
1 litre/bottle	12	384



DANGER

PESTSTOP® 10 EC INSECTICIDE CONCENTRATE

Active ingredients: **w/w 10 %** (82 g/l) **d-tetramethrin**
w/w 10 % (82 g/l) **PBO**

Up-to-date insecticide emulsifiable concentrate with excellent flushing out effect for spraying and cold fogging application. The action of the synthetic pyrethroid active ingredient is enhanced by the PBO synergist content. After dilution, it can be used to expel **crawling insects** (cockroach, bedbug) from their harbourages, thus determine the infestation and improve the efficiency of residual insecticide spraying. It does not leave stains on surfaces after application. Thanks to its good knock-down and killing effect, the product is also suitable for indoor **flying insect** control.

Application dose:

for cold fogging: 25 ml to 5 l water / 1 litre per 100 m³

for spraying: 50 ml to 5 l water / 1 litre per 100 m²

packing unit	unit/carton	unit/pallet
1 litre/bottle	12	384



DANGER



READY-TO-USE INSECTICIDE & GEL APPLICATORS



PROTECT® FORTE INSECT KILLER DUST

Active ingredients: **w/w 0.5 % (5 g/kg) permethrin**
w/w 0.5 % (5 g/kg) PBO

Dust (powder) formulation for indoor control of **cockroaches, ants** and other **crawling insects**. To be spread near the hiding places and foraging routes of the insects.

Application dose: 10 g / m²



WARNING

packing unit	unit/pallet
2.5 kg/bucket	80



GEL BAIT GUN APPLICATOR

A highly efficient and cost effective tool for the application of cockroach and ant gel bait from the tube. It incorporates a 5-position dial to select the accurate dose to apply the gel to surfaces for attracting **crawling insects**. The bait gun fits for use with industry standard 30-35 g gel tubes. Return suction action of the trigger prevents uneconomical use resulting from overflow of gel after application. Supplied with a handy belt-mounted holster to leave hands free when the applicator is not in use.

packing unit	unit/carton	unit/pallet
1 pc	60	4 800



TRANSPARENT GEL CANTEEN

Empty plastic bait station, suitable for applying any pest control gel (cockroach, ant gels) in places where the application of insecticides is allowed only in bait station. Easy to fill through the hole on the top directly from the gel tube. Gel consumption is easy to be monitored through the transparent top. The bait station protects the gel from pollution and thus ensures longer efficiency.

packing unit	unit/carton	unit/pallet
1 pc	60	7 680

BioStop



NON TOXIC INSECT TRAPS FOR PROFESSIONAL USE

In Integrated Pest Management (IPM) programmes it is essential that pest species occurring in a given area be correctly identified and the levels of infestation properly determined. This will allow to take the appropriate control measure and, if necessary, choose the most effective product.

BÁBOLNA BIO's sticky trap range is designed to monitor various insect species in different environments. Based on the principle of insect attraction (either by food attractants, pheromones or their combination) the traps serve as an easy-to-use and effective tool to monitor pest populations. They will spare you time and money and, at the same time, protect your environment.

BIOSTOP® MOUSE GLUE BIOSTOP® ADHESIVE SHEET FOR RODENTS

The mouse glue is a non-poisonous, not flammable, colourless and odourless alternative to catch mice. Maintains quality even under humid conditions. May be applied on plastic or carton sheet. If necessary, the glue can be removed with petrol.

Ready-to-use mouse trap to catch **mice**. For indoor use only. Containing no rodenticide, it may be applied in places where the use of biocides is not permitted. Place the unfolded sheet in areas most visited by mice as well as near their harbourages on the floor along the walls in horizontal position, with the adhesive surface facing upward. It is recommended to place traps under and behind furniture and fixtures on legs. Efficacy may be improved by putting, as attractant, some food in the middle of the adhesive surface.

	packing unit	unit/carton	unit/pallet
ADHESIVE SHEET	1 pc/box	180	4 160
GLUE	1 pc/box	50	3 600



NON-TOXIC TRAPS



BIOSTOP® MONITORING WAREHOUSE MOTH TRAP

Triangular shape folding sticky trap with hanger and highly active sex pheromone dispenser for monitoring the following **warehouse moth** species: almond, flour, Indian meal and cocoa moths. The printed grid on the inner surface helps counting captured moths. Use is recommended at warehouses, stores, homes, kitchens etc. Extremely effective for as long as 6-8 weeks.

packing unit	unit/carton	unit/pallet
2 pcs/foil	180	2 160
180 pcs/carton	-	4 500



BIOSTOP® MONITORING CLOTH MOTH TRAP

Highly effective insecticide-free trap with three 80x100 mm sticky surfaces and sex pheromone dispenser for monitoring **cloth moths** in textile factories and warehouses as well as in wardrobes etc. Supplied with a hanger for ease of use. Remains effective for as long as 10-12 weeks.

packing unit	unit/carton	unit/pallet
100 pcs/carton	-	5 000



BIOSTOP® MONITORING COCKROACH TRAP

Sticky cockroach trap with a special food base attractant tablet that is effective against most common **cockroach** species. Especially recommended for monitoring infestation and for IPM control work in sensitive areas.

packing unit	unit/pallet
100 pcs/carton	5 000
200 pcs/carton	10 000



BIOSTOP® FRUIT FLY TRAP

Insecticide-free trap with liquid lure for indoor monitoring of **fruit flies** around fruits, food and beverages in kitchens, restaurants, wineries, warehouses. Highly effective and easy to use.

packing unit	unit/carton	unit/pallet
1 pc/box	12	648



BIOSTOP® STICKY FLY TRAP

Easy-to-use, insecticide-free foldable sticky trap with a hanger to catch **house flies**. Available in 80x500 mm and 250x600 mm sizes. Completely safe for the environment, does not contain any toxic substance. May be used in areas where insecticide application is not desirable (food industry units, storage rooms, schools, hospitals, restaurants etc.)

	packing unit	unit/carton	unit/pallet
small	60 pcs/carton	-	5 760
giant	4 pcs/sachet	10	320



BIOSTOP® FARM FLY TRAP

Insecticide-free, easy-to-use trap with food base attractant primarily for **house fly** control. Recommended to use in animal breeding sites, family farms, meat and food processing facilities, water treatment plants, near dunghills and dumps & at any other place where the mass occurrence of flies can be a nuisance. Suitable to catch thousands of flies.

packing unit	unit/carton	unit/pallet
1 pc/box	12	192
20 pcs/in bulk	-	360



BIOSTOP® WASP & FLY TRAP

Highly effective, insecticide-free plastic trap containing food base liquid bait, for the control of **wasps** and **flies** in houses cottage gardens, marketplaces, near greengrocers' and butcher's shops, vineyards and any other outdoor area where wasps are a nuisance.

	packing unit	unit/carton	unit/pallet
KIT	1 trap, 3 liquid baits / box	6	216
REFILL	3 liquid baits / box	24	768



If you have interest in traps or accessories please call or email for a customised offer.



airofog®

Cold fogger to perform insect control and disinfection treatments. The 5-speed flow control knob enables easy regulation of the droplet size and thus allows continuous monitoring of the exact rate of application. The application rate of the solution may be adjusted between 50 ml/minute and 260 ml/minute. The fogger creates droplets within the 15-30 micron range.

type	tank size
AIROFOG FIX U240 ULV COLD FOGGER	4 litres
AIROFOG ULV COLD FOGGER	4 litres



BIRCHMEIER®

Birchmeier sprayers and dusters fit for multiple fields of use including pest control, industry, public hygiene, facility management, construction and agriculture. Tanks have large filling opening for quick filling, emptying and easy cleaning. With each Birchmeier product, you benefit not only from top quality, but also functionality and durability. Birchmeier – quality products made in Switzerland.

type	tank size
PROFI STAR SPRAYER	5 litres
SPRAY-MATIC 5 S SPRAYER	5 litres
DR 5 POWDER DUSTER	5 kg

UV Fly Control Units

Flying insects are known to carry millions of disease causing organisms and have been implicated as carriers of *Listeria*, *Salmonella*, *E.coli* etc.

The use of the **Chameleon®** range of sticky trap fly control units enables you to provide flying insect control in food areas. The sticky boards will also provide you with a ready-made record of infestation levels at the time.

Chameleon® units, which utilise glue board technology, are slim, easy on the eye and easy to maintain. With a sticky trap the insects are held fast. This means that there is no danger of insects being ejected or blown out of the unit, allowing **Chameleon®** units to be placed closer to sensitive areas. They are silent, discreet and hygienic and will catch all sizes of flying insects including smaller species such as fruit flies.



type	colour	size
CHAMELEON 1 x 2	white/stainless steel	31.5 x 50 cm
CHAMELEON 2 x 2	white/stainless steel	31.5 x 50 cm
CHAMELEON 1 x 2 IP	stainless steel	31.5 x 50 cm
CHAMELEON VEGA	stainless steel	30 x 57.5 cm
CHAMELEON UPLIGHT	white/magnolia	21 x 47 cm

S-METHOPRENE

insect growth regulator: an effective solution against a variety of insects with maximum care of the environment

