



PRODUCTS FOR PROFESSIONAL PEST CONTROL



INTRODUCTION

BÁBOLNA BIO celebrates its 50th Anniversary this year. 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 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 fifty-years-old **BÁBOLNA BIO** is truly the Quality at the Heart of Europe.



BIOPREN[®]

KILRAT[®]
PLUS

BioStop[®]

RaTaTa[®]

MOSQUITOX[®]



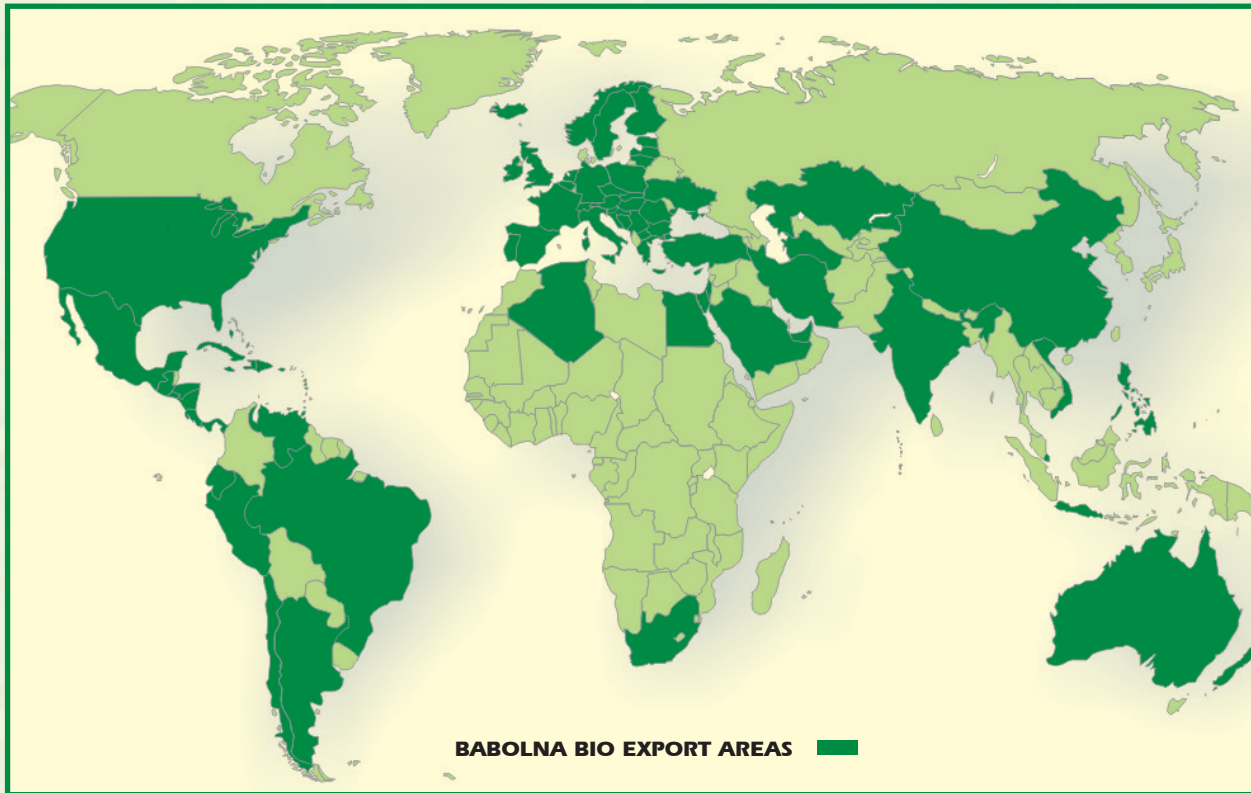
PESTSTOP[®]

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Bábolna Bio

Our experience is your success!

GLOBAL PRESENCE



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Rat-Free City

**HOW MANY CITIES IN THE
WORLD CAN CLAIM TO BE FREE
OF RATS?**

**The answer is, just one.
Back in the early 1970s, Babolna Bio was famous
for effectively wiping out the Hungarian capital
Budapest's rat population.**

**Today the city remains off limits for rats,
thanks to the dedication
of its pest controllers
and the products
of Babolna Bio.**

BUDAPEST

50TH ANNIVERSARY



1965
Establishment of Bábolna
Disinfection Station



1971-72
Deratization campaign
in Budapest



1980
Start of product sales



1990
Significant player on the
Hungarian pest control
products' market.



2000
Significant player on the
international pest control
products' market.



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RODENTICIDES WITH BROMADIOLONE

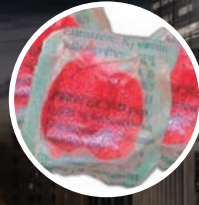
BABOLNA BIO has received approvals for bromadiolone active substance and for 7 bromadiolone based rodenticide formulations according to the BPD/BPR.



LOOSE BAIT



PELLET



FRESH BAIT



SEWER BLOCK



GRAIN BAIT



MIXED BAIT



WAX BLOCK (EXTRUDED)



SEWER DISC

INDOOR

Houses, offices

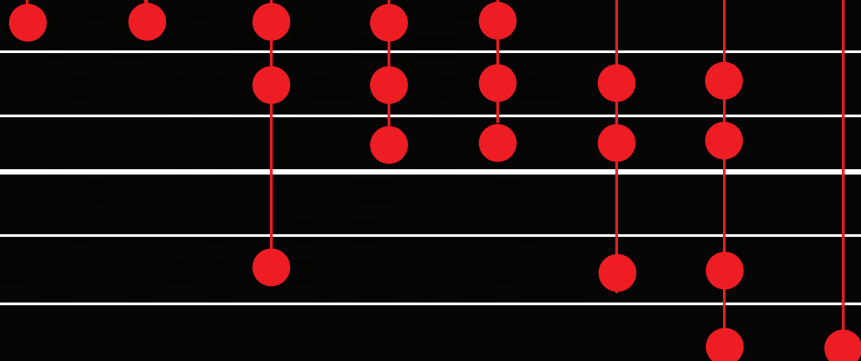
Agricultural buildings

Stores, warehouses

OUTDOOR

Around buildings

Sewage systems





PROTECT® PELLET (GRANULE BAIT)

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

Ready-to-use pellet for **rats** and **mice** 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: 0.20 - 0.25 kg / 7 - 10 m
for mice: 0.05 - 0.10 kg / 5 m²

code number	packing unit	unit/carton	unit/pallet
KE-11841	175 g/plastic tray	48	1 536
KS-11531	3 kg/bucket	-	80
KS-11532	10 kg/bucket	-	40
KE-11481	30 kg/paper drum	-	12



PROTECT® PLUS RODENTICIDE FRESH BAIT

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

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

Application dose:
for rats: 0.20 - 0.25 kg / 7 - 10 m
for mice: 0.05 - 0.10 kg / 5 m²

code number	packing unit	unit/carton	unit/pallet
KS-11920	5 kg/bucket	-	52
KS-11921	25 kg/carton box	-	24



RODENTICIDES WITH BROMADIOLONE



PROTECT® GRAIN BAIT

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

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

Application dose:

for rats: 0.20 - 0.25 kg / 7 - 10 m

for mice: 0.05 - 0.10 kg / 5 m²

code number	packing unit	unit/carton	unit/pallet
KS-11902	4 kg/bucket	-	80
KS-11481	10 kg/bucket	-	40
KS-11900	25 kg/ paper bag	-	20

PROTECT® GRAIN BAIT IN AROMA PERMEABLE SACHET

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

Ready-to-use grain bait with second generation anticoagulant active ingredient content for **rats** and **mice**. The sachet may be used without opening and may be directly placed in Multibaiter bait box for rats or mice.

The scientifically tested aroma permeable packaging lets rodents feel the scent of the bait, thus attracting rats and mice as effectively as if it was opened. Enables safe human handling without compromising the product's attractiveness to rodents. Allows for precise dosing and makes it easy to mark, control and measure consumption, maximizing cost-effectiveness as a result.

Application dose: for rats: 0.20 - 0.25 kg / 7 - 10 m

for mice: 0.05 - 0.10 kg / 5 m²

code number	packing unit	unit/carton	unit/pallet
KS-11851	400 x 25 g/paper sachet	-	32
KS-11852	400 x 12 g/paper sachet	-	32
KE-11448	100 g/sachet	50	1 600





RATATA® MIXED BAIT

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

Special rodenticide bait mixture of loose bait and granules that satisfies all physiological needs related to the feeding of **rats** and **mice**. Specially 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 for bait boxes or in different bulk packages.

Application dose:

for rats: 0.20 - 0.25 kg / 7 - 10 m

for mice: 0.05 - 0.10 kg / 5 m²

code number	packing unit	unit/carton	unit/pallet
KS-11479	200 g/plastic tray	48	2 016
KS-11478	4 kg/bucket	-	80
KS-11477	12 kg/bucket	-	40
KS-11476	25 kg/bag	-	20



PROTECT® FORTE LOOSE BAIT

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

PROTECT® Forte loose bait is a novel composition based on coarse grain. Due to its taste it is much preferred by **rats** and **mice**. The bromadiolone anticoagulant active ingredient allows fast and sure control of rodents. Use of the product is especially recommended at places where rodents have abundant food. Available in plastic trays and in sachets with aroma permeable foil.

Application dose:

for rats: 0.20 - 0.25 kg / 7 - 10 m

for mice: 0.05 - 0.10 kg / 5 m²

code number	packing unit	unit/carton	unit/pallet
KS-11907	400 x 20 g/paper sachet	-	32
KS-11906	175 g/plastic tray	48	1 536
KS-11905	4 kg/bucket	-	80
KS-11904	12 kg/bucket	-	40
KS-11908	25 kg/paper bag	-	20



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**. 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, sinkholes 100-200 g/baiting point

in/around buildings 100 g/baiting point

in recycling centres in urban environments 100 g/baiting point

code number	packing unit	unit/carton	unit/pallet
KS-11862	100 g block	150	6 750
KS-11863	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 for rats, containing mould inhibitor, to be used 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 m depending on the level of infection

code number	packing unit	unit/carton	unit/pallet
KS-11254	75 g disc	100	6 000
KS-11252	120 g disc	100	3 600
KS-11251	20 x 200 g disc / foil	4	120



PROTECT® EXTRUDED WAX BLOCK FOR MICE

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

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

Available size: 25 g.

Application dose:

2 pcs of 20/25 g block/bait box for mice

Bait boxes to be placed 1 pc / 5 m².

code number	packing unit	unit/carton	unit/pallet
KE-11739	1 kg/bucket	-	120
KS-11734	3 kg/bucket	-	80
KS-11733	8 kg/bucket	-	40



PROTECT® EXTRUDED WAX BLOCK FOR RATS

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

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

Available size: 50 g.

Application dose:

4 pcs of 50 g block/bait box for rats

Bait boxes to be placed 1 pc / 7 - 10 m.

code number	packing unit	unit/carton	unit/pallet
KS-11732	3 kg/bucket	-	80
KS-11731	8 kg/bucket	-	40



MONITORING WAX BLOCK

Active ingredient: **none**

Non toxic, extruded bait containing wax without active ingredient for monitoring rodent infestation. With a hole in the middle for use in bait boxes.

Available size: 25 g.

Application dose:

for monitoring for mice 2 blocks / bait box per 10 m

for monitoring for rats 5 blocks / bait box per 10 m

code number	packing unit	unit/carton	unit/pallet
KS-11882	3 kg/bucket	-	60



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 laboratory 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 structures, outbuildings (workshops, garages, etc.), farm-buildings (barns, silos, etc.) and any other place where rodents cause damage in or around buildings.

FOR PROFESSIONALS!

RODENTICIDES WITH BRODIFACOUM



Brodifacoum based formulations show excellent efficacy against resistant rodents.

KILRAT® PLUS PELLET (GRANULE BAIT)

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

Ready to use pellet for **rats** and **mice** with 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 the rodents to kill them even if the infestation rate is high.

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

code number	packing unit	unit/carton	unit/pallet
KS-11484	3 kg/bucket	-	80
KS-11485	10 kg/bucket	-	40
KS-11486	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**. The soft, oily paste with its intensive smell and excellent taste attracts rats even in those places where they can easily find other food as well.

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

code number	packing unit	unit/carton	unit/pallet
KV-11706	5 kg/bucket	-	52
KV-11323	25 kg/carton box	-	24



KILRAT® PLUS EXTRUDED WAX BLOCK

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

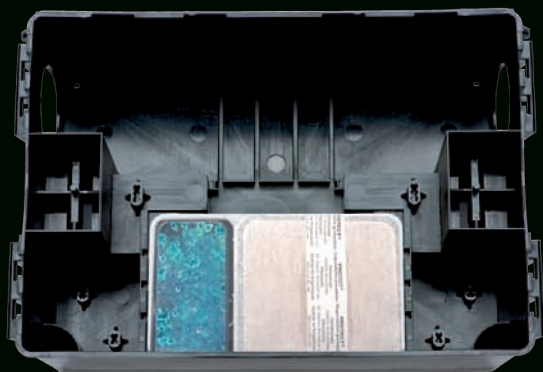
Non-scatter ready to use bait containing wax for **rats** and **mice**, with a hole in the middle to fix. Especially recommended for control in food industry units within special bait boxes where HACCP requirements are to be met.

Application dose: for rats: 100 g/ 5 - 10 m
for mice: 50 g/ 5 - 10 m

code number	packing unit	unit/carton	unit/pallet
KS-11737	3 kg/bucket (25 g)	-	80
KS-11741	8 kg/bucket (25 g)	-	40



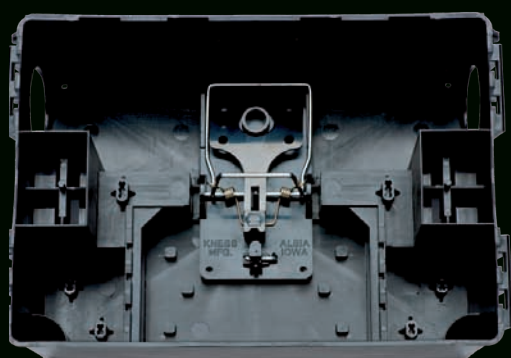
PRODUCTS TO BE USED IN BAIT BOXES



Aroma permeable tray



Wax block on vertical or horizontal rods



Guillotine trap



Standard bait

MULTIBAITER BAIT BOX FOR RATS

Tamper resistant bait box to be used indoors and outdoors, economic and safe way of bait placement 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. It has dedicated area to place personalised label and warnings. Special rods and rails facilitate placement of various bait formulations inside the box. Water entering in the bait box runs off through the inner moisture and drainage system, and holes, thus conserving the integrity of the rodenticide bait inside.

The bait box is suitable for safe application of all rodenticide formulations produced by BÁBOLNA BIO.

MULTIBAITER BAIT BOX FOR MICE

To be used for economic and safe bait placement for mice. It has 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.



code number	size
KS-31301 FOR RATS	32,5 x 22,5 x 12,5 cm
KS-31302 FOR MICE	14 x 10 x 4.5 cm



**We would like to
reassure our
customers that
many rats were
killed during the
making of our
new multi-function
bait box**

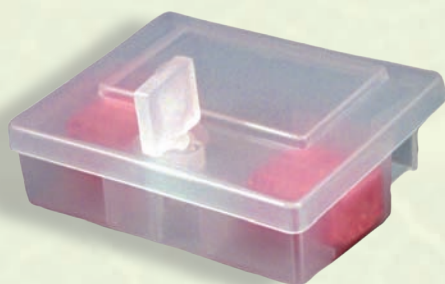




REMIZ BAIT BOX FOR RATS

Sturdy, tamper resistant plastic bait box with lock. For safe use both in indoor and outdoor areas. Baits can be secured inside the bait box thus preventing non target animals, pets and children from accidental access. Rodenticide consumption can be controlled through the transparent lid. Offered with removable bait tray and a metal compartment for compressed wax block. Available with transparent or black lid.

code number	size
KV-31006 transparent	32.5 x 25.5 x 15.5 cm
KV-31005 black	32.5 x 25.5 x 15.5 cm



REMIZ BAIT BOX FOR MICE

Plastic bait box with lockable lid. For safe use indoors. Baits can be secured inside the bait box thus preventing non target animals, pets and children from accidental access. Rodenticide consumption can be controlled through the transparent design of the bait box.

code number	size
KV-31003 transparent	12.5 x 9.5 x 4 cm
KV-31004 black	12.5 x 9.5 x 4 cm



PRE-BOX BAIT BOX FOR RATS

Tamper resistant, plastic bait box with lockable lid. For safe use both in indoor and outdoor areas. It protects the rodenticide baits from the extremities of the weather. Rodenticide consumption can be controlled through its transparent lid. Offered with removable bait trays and a metal rod for wax block. Available with transparent or black lid.

code number	size
KV-31008 transparent	27 x 35 x 8 cm
KV-31007 black	27 x 35 x 8 cm



PRE-BOX BAIT BOX FOR MICE

Plastic bait box with lockable lid. For safe use indoors and outdoors (like terrace, porch). It protects the rodenticide baits from the extremities of the weather. Rodenticide consumption can be controlled through its transparent lid. Available with transparent or black lid.

code number	size
KV-31010 transparent	12 x 9.5 x 4.5 cm
KV-31009 black	12 x 9.5 x 4.5 cm



MOUSE FEEDING CARTON BOX

Foldable carton box for indoor use, with safety notice. Large quantities can be stored in unassembled form. Not to be used in wet and damp places.

code number	size
KV-31002	15 x 5.5 x 5 cm



RAT FEEDING CARTON TRAY

Foldable carton tray with safety notice. Advantageous to use in all locked premises (eg. cellars and pantries). Large quantities can be stored in unassembled form.

code number	size
KV-31022	21 x 10.5 x 4 cm



LIVE-CATCH MOUSE TRAP

Monitoring device for controlling mouse infestation, especially in food industry. The transparent lid permits continuous check of infestation. Available in plastic and metal design.

code number	size
KV-31100 plastic	26 x 15.5 x 4.5 cm
KV-31101 metal	26 x 15 x 4.5 cm



S-METHOPRENE

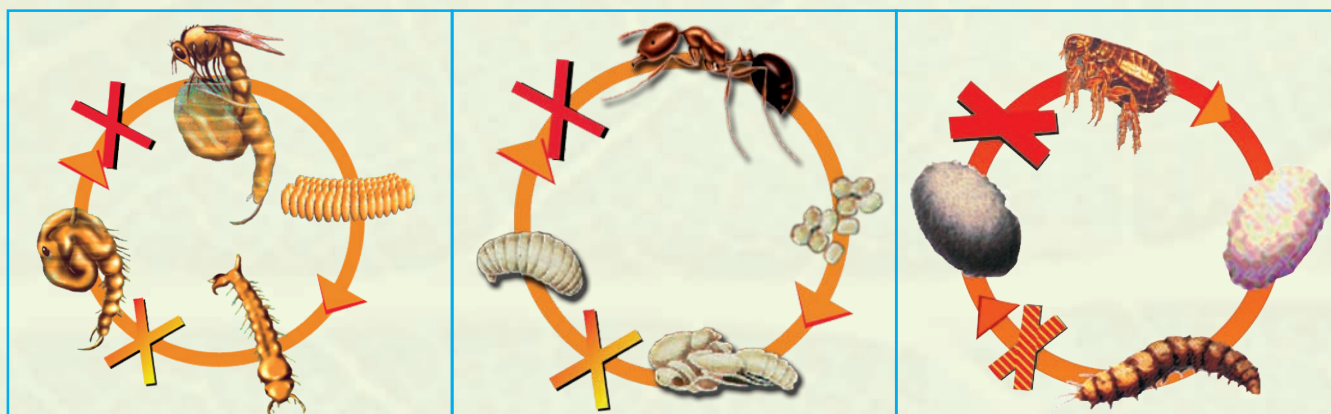


INSECT GROWTH REGULATOR

THE ONLY LEGAL SOURCE IN THE EU IS BÁBOLNA BIO

The European Committee has approved the S-methoprene active substance by its Implementing Regulation No. 91/2014/EU of 31 January 2014 for product type 18 (Insecticides). A number of product dossiers are to be prepared by Bábolna Bio till 1 September 2015 for several indoor and outdoor formulations and applications against mosquito larvae, fleas, bed bugs, ants, cockroaches, housefly larvae, stored product pests, etc.

Bábolna Bio synthesizes S-methoprene under certified Good Manufacturing Practice (GMP) conditions. For this substance a Drug Master File (DMF) has approved as well.



S-METHOPRENE

S-methoprene was the first commercially developed insect juvenile hormone analogue (JHA). The compound mimics the action of an insect growth regulating hormone and interferes with the insect's life cycle, preventing it from reaching maturity. The mature stages lose their capacity to reproduce, thus the cycle of reproduction stops and infestations diminish. S-methoprene exhibits especially high activity against insect orders Diptera and Coleoptera and is commonly used to control species that are harmful mainly as adults (e.g. mosquitoes, flies, fleas). S-methoprene is also active against a range of other insect pests that infest in large numbers (e.g. beetles, ants, cockroaches, bed bugs).

ADVANTAGES OF USE

S-methoprene based formulations have several advantages over conventional insecticides. They

are highly selective and target specific, with low mammalian toxicity and favourable environmental profile. Since S-methoprene does not kill adults directly, it is sometimes used in combination with fast acting insecticides with low mammalian toxicity thus providing fast knockdown as well as extended residual activity. In summary, S-methoprene based products provide:

- Wide spectrum of activity against many insect pests
- Efficiency against insecticide-resistant populations
- In combination with conventional insecticides delays the development of resistance
- Reliable and safe use - no significant toxicity to warm-blooded animals and environment
- Readily biodegradable, no accumulation or bio-magnification
- WHO allows the use of S-methoprene even for potable water treatment



BIOPREN® 5 EC

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

Oil based emulsifiable concentrate containing insect growth regulator S-methoprene. Suitable to control a variety of insect species like **fleas**, **bed bugs** and **stored product pests**. To be used alone or in tank mix combination with fast acting insecticides. When used alone, also suitable to control mosquitoes and flies.

Application dose:

- against fleas as spray 5 ml to 5 l working solution/100 m²
- against bed bugs as spray 60 ml to 5 l working solution/100 m²
- against moths as mist/fog 20 ml to 5 l working solution/100 m³

code number	packing unit	unit/carton	unit/pallet
KS-22238	500 ml/bottle	12	384
KS-22237	1 litre/bottle	12	384



DANGER



BIOPREN® FLEA FOGGER

Active ingredients: **w/w 0.05 % (0.37 g/l) S-methoprene**
w/w 0.50 % (3.65 g/l) Permethrin

One shot insecticide fogger with insect growth regulator (IGR) for treating empty rooms or premises against **fleas** and **other crawling insects**.

A juvenoid and insecticide combination for indoor control of fleas. The fogger is specifically developed for air-space, not for direct use on pets. It contains permethrin, which results in a quick and efficacious elimination of adult fleas up to 3 months. Its S-methoprene content, acting as a larvicide, prevents the flea population from rebuilding for a duration of up to 7 months.

Application dose: 100 ml can / 20 m²

code number	packing unit	unit/carton	unit/pallet
KS-51010	100 ml	12	1 920



DANGER



A novel, effective formulation for bed bug control

Due to its double active ingredient composition
(S-methoprene and natural pyrethrum),

**Biopren® 6 EC bed bug and flea killer
concentrate** not only flushes out and knocks
down hiding insects,

but its **S-methoprene insect growth
regulator active ingredient**

also disrupts the life cycle of insects by preventing
them to develop into adults.

**The product is able to control
even those pests that are resistant to
synthetic pyrethroid insecticides.**





FOR BED BUGS

BIOPREN® 6 EC

Active ingredients: **6.74 %** (60 g/l) **S-methoprene**
 4.81 % (43 g/l) **pyrethrins**
 10.17 % (91 g/l) **PBO**

Synergists: **16.07 %** (143 g/l) **MGK 264**

Emulsifiable concentrate containing insect growth regulator (IGR), insecticide and synergist combination for control of **bed bugs** and **fleas**. Recommended mainly for control of bed bugs resistant to synthetic pyrethroids. The product has excellent flushing out effect. The solution should be applied directly onto the hiding places and the whereabouts of the insects. Dilution rate: 50 ml/5 litre

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

code number	packing unit	unit/carton	unit/pallet
KS-22234	0.5 litre/dosing bottle	12	528
KS-22233	1 litre/bottle	12	384



Danger



BIOPREN® BED BUG AND FLEA KILLER SPRAY

Active ingredients: **0.27 %** (2.2 g/l) **S-methoprene**
 0.18 % (1.5 g/l) **pyrethrins**
 0.36 % (2.9 g/l) **PBO**

Synergists: **0.60 %** (4.8 g/l) **MGK 264**

Novel, up-to-date, ready-to-use product for control of biting insects such as **bed bugs**, **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.

Application dose:
 Bed bug control: approx. 15 ml (24-26 trigger pulls)/m²
 Flea control: approx. 5 ml (8-9 trigger pulls)/m²

code number	packing unit	unit/carton	unit/pallet
KS-21630	0.5 litre/trigger sprayer	12	384



Danger



THE EFFECTS OF S-METHOPRENE BASED BAIT ON ANT SPECIES

TOTAL COLONY ELIMINATION IS ACHIEVED

S-methoprene, the biorational, enviro - friendly active ingredient embedded in different carriers and BIOPREN® formulations provides reliable control of a variety of ants including Pharaoh's ant, garden ant, big-headed ant (Coastal brown ant), crazy ant and green 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 (household and garden ants) 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/linear metre along the migration routes and next to nest entry. The use of gel canteen increases the efficacy of the gel (see on page 43).

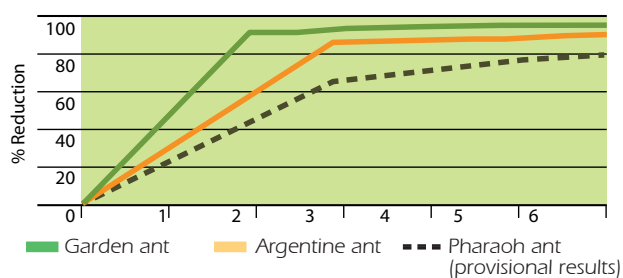
A single tube is sufficient to treat 300 linear metre.

Application dose: 1 drop per linear metre

code number	packing unit	unit/carton	unit/pallet
KV-22200	30 g	128	4 096

HIGHLY ATTRACTIVE GEL FOR THE MAIN ANT SPECIES

Effectiveness in field tests



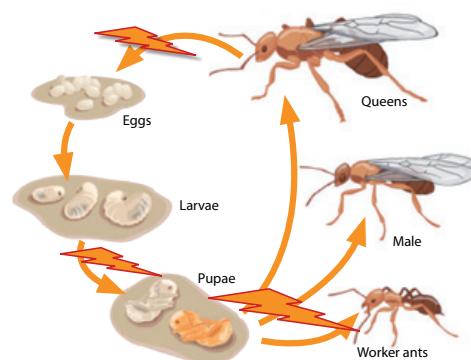
Thanks to its S-methoprene content, when the bait enters the nest, new births are reduced, something that does not happen with conventional formulations. The S-methoprene prevents the transformation of larvae and pupae into adults and reduces the fertility of the queen, enabling the eradication of the 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.

The BIOPREN® Ant Gel combines an optimum mix of sugars and proteins with adulticide imidacloprid and IGR S-methoprene.

The way the imidacloprid active ingredient is incorporated into the bait is carefully designed to provide delayed ant mortality. Thus, once the worker ants ingest the product, the possibility of the bait reaching and contaminating the colony is increased.



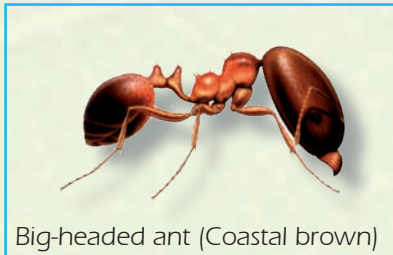


INNOVATIVE PHARAOH'S ANT BAITING AND INFESTATION MONITORING STATION INDOOR & PERIMETER USE

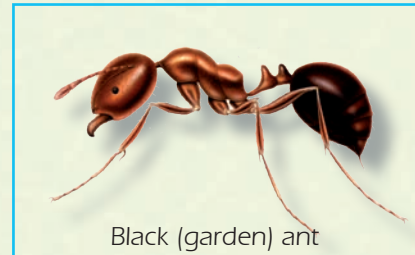
- Irresistible blend of bait containing S-methoprene active ingredient, attractants and nutrients
- Ready-to-use blister pack baiting station
- Child-resistant packaging, no odour product
- Bait consumption can be monitored through the transparent blister wall
- Effective residual control, product remains stable for several years
- Available in 2.5 gr blister packaging



Pharaoh's ant



Big-headed ant (Coastal brown)



Black (garden) ant

BIOPREN® PHARAOH'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 and big-headed ants** in homes, hospitals and other sensitive areas. S-methoprene, the insect growth regulator disrupts the reproduction cycle and eliminates ant infestation within 12 to 15 weeks. Bait is closed in a (transparent) plastic bait station that can be stuck onto places near foraging routes.

Application dose: 4-6 blisters/ average flat

code number	packing unit	unit/carton	unit/pallet
KE-21517	12 x 2.5 gr blister/box	20	23 040
KS-21780	24 x 2.5 gr blister/box	24	28 800



PROTECT® COMBI ANT BAIT

Active ingredients: **w/w 0.10 % (1.0 g/kg) acetamiprid**
w/w 0.25 % (2.5 g/kg) S-methoprene

Ready-to-use bait station containing insect growth regulator and neonicotinoid insecticide based special bait attracting **black (garden) ant** species. For effective control of ants in homes (kitchens, bathrooms), balconies, terraces, cellars, winter-gardens, etc.

Application dose: 1 pc near foraging routes

code number	packing unit	unit/carton	unit/pallet
KS-21740	30 x 2 gr blister/box	24	36 000





INSECTICIDE GELS



BIOPREN® COCKROACH GEL

Active ingredients: **w/w 0.25 %** (2.5 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 is sufficient to treat 150-500 m².

Application dose:

- in case of minor German cockroach infestation 1-2 drops/m²
- in case of heavy German cockroach infestation 3-4 drops/m²
- in case of minor Oriental or American cockroach infestation 2-3 drops/m²
- in case of heavy Oriental or American cockroach infestation 4-6 drops/m²

code number	packing unit	unit/carton	unit/pallet
KV-22100	30 +10 g	128	4 096

VERY EFFICIENT, UNIVERSAL GEL

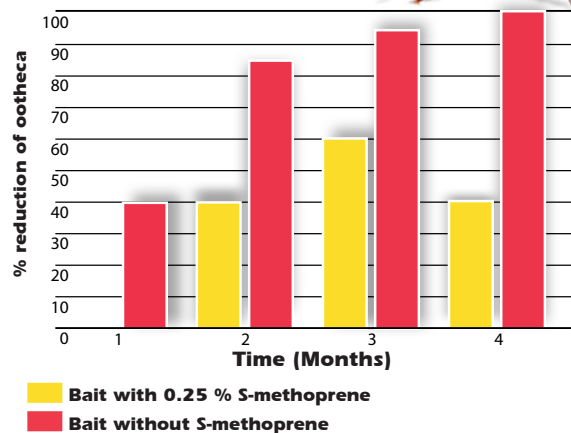
BIOPREN® Cockroach Gel contains a combination of active ingredients, an adulticide and an insect growth regulator.

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 the development from larvae to imago ensuring the full eradication of the cockroaches.

The use of **BIOPREN® Cockroach Gel** in the treated premises to considerably reduce the number of newly hatching individuals, thus reducing the frequency of applications. Optimum results obtained with fewer applications.



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



FOR FLY CONTROL

More than **80 %** of the fly population is **hidden** in the manure

The solution is

BIOPREN® 50 LFL
BIOPREN® 4 GR

Eggs

Adults: **just 20 %** of the fly population is **visible**

Larvae

Pupae

The active ingredient **S-methoprene** acts similarly to insect growth hormones that occur naturally in insects and acts on the larval stage of the house fly. It can break the life cycle of insects and prevents the development of larvae to adults. Provides effective control of house flies by reducing egg production and preventing the development of maggots. Larvae (maggots) show physiological and functional defects leading to the inability to develop into normal adults. The formulation does not have an effect on adult insects but the IGR active ingredient prevents reproduction.

BIOPREN® 4 GR FLY LARVICIDE GRANULE

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

BIOPREN® 4 GR is an S-methoprene based insect growth regulator. Its use permits to eliminate the less visible part of **fly** population. This part consists of the early developmental stages (eggs, maggots and pupae) and represents more than 80 % of the population.

To be applied onto the surface of the manure with an appropriate device (e.g. a hand-held granule applicator) according to the indicated dosage.

Application dose: 25-30 g/m² for a 10 cm thick manure layer

code number	packing unit	unit/carton	unit/pallet
KS-21595	5 kg /bucket	-	40
KS-21596	20 kg/bucket	-	20



BIOPREN® 50 LFL LIQUID FLY LARVICIDE

Active ingredient: **w/w 5.0 % (51.5 g/L) S-methoprene**
(3.75 % microencapsulated, 1.25 % 'free')

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 microencapsulated and free form. May be used alone or in combination with adulticides. To be mixed with water and applied with sprayer, such as hand-held, backpack, or power sprayer capable of delivering coarse surface wetting spray.

Application dose: 200-240 ml in 5 l water/100 m²

code number	packing unit	unit/carton	unit/pallet
KS-21598	1 litre/bottle	12	384
KS-21597	5 litre/can	2	66

WARNING





VECTOR CONTROL



S-METHOPRENE BASED MOSQUITO LARVICIDES FOR PROFESSIONAL AND AMATEUR USE

S-methoprene based mosquito larvicides disrupt the development of mosquito larvae in ponds, puddles, swamps, and other natural or artificial bodies of water. The environment-friendly biorational active ingredient S-methoprene break the mosquito's life cycle preventing the emergence of biting and breeding adults. S-methoprene is active against a range of species including Anopheles, Culex, Culiseta, Coquilletidia spp. as well as those of the floodwater complex, Aedes and Psorophora spp. Larvae treated with S-methoprene can continue to develop into the pupal stage but die prior to emergence.

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, and it is non toxic to bees. The acute oral toxicity of S-methoprene and other toxicological parameters are also very favourable, with extremely low mammalian toxicity demonstrated by the fact that the World Health Organization (WHO) allows the use of S-methoprene based products for control of mosquito larvae in potable water storages.

FORMULATIONS

BIOPREN® mosquito larvicides include liquid emulsifiable concentrate (EC), partly micro-encapsulated concentrate, granule and tablet formulations. Formulations can be either ready-to-use, or prepared in the field prior to application.

SHORT TERM	MEDIUM TERM
Emulsifiable Concentrate (EC)	Microencapsulated concentrate
	Granule
	Tablet



BIOPREN® 50 LML LIQUID MOSQUITO LARVICIDE

Active ingredient: **w/w 5.0 %** (52 g/l) **S-methoprene**

A water based emulsifiable capsule suspension concentrate with insect growth regulator in free and slow release form to control **mosquito larvae**. Acts during 3rd and 4th larval instars of the mosquitoes' development. Relative immediate and residual efficacy. Not toxic to vertebrates and environment friendly. Can be applied in environmentally sensitive aquatic habitats. Suitable for both aerial and ground applications.

Application dose: 220 - 400 ml/ha, depending on quality and depth of water

code number	packing unit	unit/carton	unit/pallet
KS-22236	1 litre/bottle	12	384
KS-22235	5 litre/can	2	66

WARNING



BIOPREN® 4 GR MOSQUITO LARVICIDE GRANULE

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

Ready-to-use **mosquito larvicide**. It contains insect growth regulator in free and slow release form on carrier for use in open water or where water is obscured by vegetation. It can be applied prior to flooding by tides or at any larval stage after flooding by rain or tide, or in permanent water sites.

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

code number	packing unit	unit/carton	unit/pallet
KS-21237	5 kg /bucket	-	40
KS-21238	20 kg/bucket	-	20



BIOPREN® MOSQUITO LARVICIDE TABLET

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

BIOPREN® Mosquito Tablet is a larvicide against larval forms of **mosquitoes** that contains an insect growth regulator, S-methoprene. Especially efficient against **tiger mosquito** (*Aedes albopictus*). The tablet is very active at low doses and has residual effect.

Ideal for the treatment of manholes, drains, basement windows and in general, areas with stagnant water.

The action of the active ingredient S-methoprene is not influenced by the presence of organic matter in the infested waters.

Application dose: for clear water: 2 gr in 1 000/2 000 l

for water with dense vegetation: 2 gr in 500/1 000 l

for water-holding places with dense vegetation, like drainage areas: 2 gr in 40 l

code number	packing unit	unit/carton	unit/pallet
KS-21894	2 kg/bottle	6	240
KS- 21895	5 kg/bucket	-	40
KS-21896	20 kg/carton	-	20



INSECTICIDE CONCENTRATES



WARNING



PESTSTOP® COMBI 8 CS

Active ingredients: **w/w 5.9 %** (60 g/l) **permethrin**
w/w 2.6 % (27 g/l) **cypermethrin**
w/w 7.6 % (78 g/l) **PBO**

Effective for indoor control of cockroaches, bed bugs and other **crawling insects** eg.: ants, fleas, silverfish, etc. and also against **house flies**. The special formulation and microencapsulated active ingredients ensure rapid killing effect. It remains effective for 12-16 weeks against crawling and for 3-4 weeks against flying insects.

Application dose for crawling insects:

125 ml to 5 l water / 100 m² in case of low infestation.

160 ml to 5 l water / 100 m² in case of high infestation.

Application dose for flying insects: 65 ml to 5 l water / 100 m²

code number	packing unit	unit/carton	unit/pallet
KS-22132	1 litre/bottle	12	384



WARNING



PESTSTOP® PERM 25 CS

Active ingredient: **w/w 23.6 %** (250 g/l) **permethrin**

Liquid microencapsulated concentrate against **crawling** and **flying insects** for indoor and perimeter surface treatment. To be applied as a crack and crevice treatment and/or selected spot application to areas where insects may be hiding, living and breeding. The special microencapsulated suspension ensures prolonged efficacy.

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

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

code number	packing unit	unit/carton	unit/pallet
KV-22193	1 litre/bottle	12	792



DANGER



PESTSTOP® 10 EC

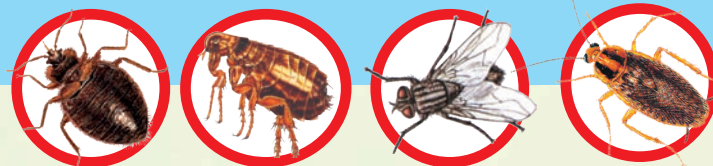
Active ingredients: **w/w 10 %** (82 g/l) **d-tetramethrin**
w/w 10 % (82 g/l) **PBO**

Emulsifiable concentrate for spraying and cold fogging applications. The active ingredients ensure excellent flush-out and fast knock-down effect against **crawling** insects. In case of **flying insects** the concentrate should be applied with cold fogging equipment ensuring excellent knock down and killing effect.

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

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

code number	packing unit	unit/carton	unit/pallet
KS-22131	1 litre/bottle	12	384



PESGUARD®-B

Active ingredients: **w/w 14.4 %** (120 g/l) **cyphenothrin**
w/w 4.8 % (40 g/l) **d-tetramethrin**

Emulsifiable concentrate for spraying 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

code number	packing unit	unit/carton	unit/pallet
KS-22101	1 litre/bottle	12	384



INSECTICIDES AND TARGET PESTS

Product name	cockroach	fly	flea	bed bug	ant	siverfish	mosquito	stored product pests
BIOPREN® 5 EC	✓		✓	✓				✓
BIOPREN® FLEA FOGGER			✓					
BIOPREN® 6 EC			✓	✓				
BIOPREN® BED BUG AND FLEA KILLER SPRAY			✓	✓				
BIOPREN® ANT GEL					✓			
BIOPREN® PHARAOH ANT COLONY ELIMINATOR					✓			
PROTECT® COMBI ANT BAIT					✓			
BIOPREN® COCKROACH GEL	✓							
BIOPREN® 4 GR FLY LARVICIDE GRANULE		✓						
BIOPREN® 50 LFL LIQUID FLY LARVICIDE		✓						
BIOPREN® 50 LML LIQUID MOSQUITO LARVICIDE							✓	
BIOPREN® 4 GR MOSQUITO LARVICIDE GRANULE							✓	
BIOPREN® MOSQUITO LARVICIDE TABLET							✓	
PESTSTOP® COMBI 8 CS	✓	✓	✓	✓	✓	✓		
PESTSTOP® PERM 25 CS	✓	✓	✓	✓	✓	✓		✓
PESTSTOP® 10 EC	✓	✓	✓	✓				
PESGUARD®-B	✓		✓	✓	✓			
MOSQUITOX® HOT & COLD FOG							✓	
PROTECT® FLY BAIT		✓						
PROTECT® INSECT KILLER DUST	✓		✓	✓	✓	✓		
PESTSTOP® INSECT KILLER SMOKE TABLET	✓	✓	✓					✓
PROTECT® INDOOR AND OUTDOOR BAIT STATION					✓			



FOR MOSQUITOES



DANGER



MOSQUITOX® HOT & COLD FOG

Active ingredients: **w/w 0.12 % (1 g/l) deltamethrin**
w/w 0.60 % (5 g/l) PBO

Ready-to-use oil based concentrate to be used outdoors, for chemical elimination of **mosquitoes** by aerial or ground ULV treatment without dilution. It is efficient to control mosquito imagos hidden in areas covered by vegetation, forests, or bushes. The active substance, deltamethrin (a synthetic pyrethroid) has an effect on the nervous system of the insects. To improve efficiency and eliminate deltamethrin-resistant insects, the product also contains piperonyl butoxide.

To be delivered by ULV nozzle mounted on air vehicle / aircraft, or ULV equipment mounted on ground vehicle. The product should be applied in the predetermined areas at dawn or sunset if it is not raining or windy. To protect bees, the application should be started max. 1 hour before sunrise and/or after sunset.

Application dose: 0.5-0.8 l/ha

code number	packing unit	unit/carton	unit/pallet
KS-22253	5 litres	-	50
KS-22252	200 litres	-	2

FOR FLIES



PROTECT® FLY BAIT

Active ingredient: **w/w 1.0 % (10 g/kg) azamethiphos**

Very effective insecticide with **fly** sex pheromone. Attractive granule formulation to be used as a scatter bait or a brush-on bait formulation, if diluted in water. Due to its bitrex content the risk of accidental consumption by humans and domestic animals can be diminished. Recommended either for domestic or animal breeding use.

Application dose of brush-on bait:

- 100 grams to be diluted at the rate of 1:1 in 100 ml water
- 100 grams of bait sufficient for a single treatment of a 60 m² area by brushing 5 x 50 cm strips

code number	packing unit	unit/carton	unit/pallet
KS-21511	100 g/plastic box	32	1 024
KS-21512	1.5 kg/bucket	-	120
KS-21513	20 kg/drum	-	12



FOR CRAWLING INSECTS

PROTECT® INSECT KILLER DUST

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

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

Application dose: 5 gr / m²

code number	packing unit	unit/carton	unit/pallet
KS-21612	2.5 kg/bucket	-	80
KE-21603	5 kg/bucket	-	100
KE-21602	20 kg/paper bag	-	20

WARNING



PESTSTOP® INSECT KILLER SMOKE TABLET

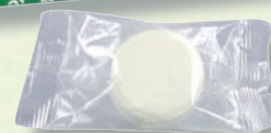
Active ingredient: **w/w 1.3 % (13 g/kg) cypermethrin**

To treat indoor areas. Effective against a broad range of pests: **cockroaches, beetles, fleas, moths, spiders, flies and mosquitoes**. The 50 g tablet burns for approx. 70 seconds and produces a cloud of smoke that lifts and dispenses the insecticide in all the corners and cracks in the treated space, covering even the most inaccessible spots. It has both immediate and residual action.

Application dose: 1 tablet/25 m³ for crawling insect control
1 tablet/50 m³ for flying insect control

code number	packing unit	unit/carton	unit/pallet
KS-22000	5 pcs/box	20	600

WARNING



FOR ANTS

PROTECT® INDOOR AND OUTDOOR BAIT STATION

Active ingredient: **w/w 0.2 % (2 g/kg) cypermethrin**

The four entranced heavy-duty plastic station including 1 tablet can be safely applied against ants in houses, flats and around the houses against **ants**. It can be easily fixed to the surface by the sticky pad. With the help of the enclosed plastic spike it is also suitable for outdoor use.

Application dose: 1 pc near the ant's nest

code number	packing unit	unit/carton	unit/pallet
KE-21736	1 pc	200	1 440





NON TOXIC INSECT TRAPS FOR PROFESSIONAL USE

In Integrated Pest Management (IPM) control programmes it is essential that pest species occurring in a given area are correctly identified and the levels of infestation properly determined so that the appropriate control measures may be taken and the most effective pesticides may be chosen, if necessary.

Bábolna Bio's range of sticky traps is designed to allow you 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 protect your environment.

BIOSTOP® MONITORING COCKROACH TRAP LARGE

Sticky cockroach trap (100x160 mm) with a special food-type attractant tablet that is effective against most common cockroach species. Especially recommended for monitoring infestation and for IPM control work in sensitive areas.



code number	packing unit	unit/carton	unit/pallet
KS-16431	100 pcs/carton	-	5 000
KE-16492	200 pcs/carton	-	10 000

BIOSTOP® MONITORING COCKROACH TRAP 3 IN 1

Sticky cockroach trap (100x160 mm) with a special food-type attractant tablet that is effective against most common cockroach species. Especially recommended for monitoring infestation and for IPM control work in sensitive areas. Dividable into 3 small traps.



code number	packing unit	unit/carton	unit/pallet
KS-16421	100 pcs/carton	-	5 000



BIOSTOP® STICKY FLY TRAP

Active ingredient: **w/w 0.4%** (4 g/kg) **tricosene**

Easy-to-use, insecticide-free foldable sticky trap available in 80x500 mm and 250x600 mm with hanger for monitoring house flies. For improved efficacy it contains house fly sex pheromone. Can be used in areas where chemical insecticide application is not desirable (food industry units, storage rooms, schools, hospitals, restaurants etc.)

code number	packing unit	unit/carton	unit/pallet
KE-16616 small	60 pcs/carton	-	5 760
KS-16008 giant	4 pcs/sachet	-	320



BIOSTOP® FARM FLY TRAP

Active ingredient: **w/w 0.15%** (1.5 g/kg) **tricosene**

Insecticide-free, easy-to-use trap with plastic pouch containing a very effective powder attractant, to be diluted with lukewarm water. For fly control either in industrial environment, animal breeding farms or in household, e.g. porch, terrace, garden etc. Suitable to catch thousands of flies.

code number	packing unit	unit/carton	unit/pallet
KS-16009	1 pc/box	-	192
KE-16617	20 pcs/without box	-	360



BIOSTOP® WASP & FLY TRAP

Active ingredient: **w/w 0.15%** (1.5 g/kg) **tricosene**

Highly effective, insecticide-free plastic trap containing liquid bait and tricosene house fly sex pheromone. Can be used in food storage and processing areas, groceries, market-places, gardens and in any place where wasps are a nuisance.

code number	packing unit	unit/carton	unit/pallet
KIT KS-16003	1 trap, 3 liquid baits/box	6	216
REFIL KS-16010	3 pcs liquid baits/box	24	768



NON-TOXIC TRAPS



BIOSTOP® MONITORING WAREHOUSE MOTH TRAP

Triangular shape folding sticky trap with hanger and a highly active sex pheromone dispenser for monitoring and catching 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. Remains effective for as long as 6-8 weeks.

code number	packing unit	unit/carton	unit/pallet
KS-16760	2 pcs/foil	180	2 160
KE-16633	180 pcs/carton	-	4 500



BIOSTOP® CLOTH MOTH TRAP

Insecticide-free trap with three 80x100 mm sticky surfaces and sex pheromone content for monitoring and catching cloth/textile moths in textile factories and warehouses as well as in cupboards etc. Equipped with a hanger for ease of use. Remains effective for as long as 10-12 weeks.

code number	packing unit	unit/carton	unit/pallet
KE-16622	100 pcs/carton	-	5 000



BIOSTOP® FRUIT FLY TRAP

Insecticide-free trap for indoor use containing liquid lure for monitoring and catching fruit flies around fruits, food and beverages in kitchens, restaurants, wineries, warehouses. Easy to use. For eliminaton of smaller infestations.

code number	packing unit	unit/carton	unit/pallet
KS-16011	1 pc/box	24	864



BIOSTOP® MOUSE GLUE

Contains non-poisonous, not flammable, colourless and odourless glue to catch mice. Maintains quality even under humid conditions. If necessary, can be removed with petrol.

code number	packing unit	unit/carton	unit/pallet
KV-16953	1 pc/box	50	2 400



SLIM™ MULTI-CATCH MOUSE TRAP

SLIM™ is a narrow profile, multi-catch mouse trap. Can be used with or without a glue board and can be placed in locations where typical light-gauge metal traps cannot fit or hold up – in warehouses between pallets, in offices between filing cabinets, and in kitchens, between and behind appliances. The polycarbonate construction is extremely rugged and durable.

code number	packing unit	unit/carton	unit/pallet
KV- 16946	12 pcs/carton	-	960



SLIM™ REFILL GLUE BOARD

Refill glue board are to be used with the SLIM™ Multi-catch Mouse Trap. Made with the best, professional strength adhesive formula available.

code number	packing unit	unit/carton	unit/pallet
KV- 16947	72 pcs/carton	-	25 200



CATCHMASTER 48R RAT GLUE TRAY - BLACK

The 48R is available with Hercules Putty™ to prevent dragging – even when a full grown adult Norway rat is intent on getting away! The 48R Rat Glue Tray is effective for one full year when used under normal conditions.

code number	packing unit	unit/carton	unit/pallet
KV- 16948	48 pcs/carton	-	4 800



**A STRONG PARTNER FOR SPRAYING,
DOSING AND FOAMING.**



BIRCHMEIER®

Birchmeier sprayers and dusters are suitable for use in a range of areas including industry, hygiene, facility management, construction and agriculture. The 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.

code number	type	Tank size
KV-32015	SPRAY-MATIC 5 S SPRAYER	5 litres
KV-32402	SPRAY-MATIC 10 B SPRAYER	10 litres
KV-32012	PROFI STAR SPRAYER	5 litres
KV-32402	FLOX BACKPACK SPRAYER	10 litres
KV-32010	DR 5 POWDER DUSTER	5 kg
KV-32432	BOBBY DUSTER	500 g



WINDY SS300CF PORTABLE ULV GENERATOR

Portable fogger with a 1,5 Horsepower 4-cycle gasoline engine, suitable for indoor and outdoor ULV jobs. Over 90% of particle size sprayed from this machine are below 20 microns, thus creating great effects even with small amount of chemicals.

Tank size: 2 lits.

code number	packing unit
KV-32322	1 pc



PRO ULV SPRAYER 1037

Cold type electric mist-blower powered by a high speed, two-stage electric fan motor. Portability and ease of handling are coupled with simplicity of design and high speed airblast discharge. Besides ULV concentrates the sprayer will dispense diluted solutions of concentrate material with equal efficiency.

Tank size: 7 lits

code number	packing unit
KV-32302	1 pc



AIROFOG ULV COLD FOGGER

Designed for the application of ULV oil or water mixed fogs indoors, the fogger delivers droplets of variable size at a rate of 50 ml/min to 260 ml/min. The fine droplets will remain airborne for a long time and are dispersed over a large area. The 4-litre solution tank makes the equipment easy to handle while the flexible hose allows to direct the fog to the desired spots. Apart from insect control, the equipment may be used for disinfection, plant protection and odour control as well.

code number	packing unit
KV-32332	1 pc



PISTOL STYLE GEL APPLICATOR

The gel applicator is a highly efficient and cost effective application tool for control of cockroaches and ants using gel baits. The pistol style applicator incorporates a 5-position dial to select a precise dose for application of gels to surfaces to attract crawling insects. The gel applicator accepts industry standard 30-35 g gel tubes. Return suction action on pistol trigger ensures no wasteful overflow of gel after application. Smart professional belt mounted carrying holster to retain applicator for hands free movement.

code number	packing unit
KV-32350	1 pc



ELECTRIC FLY TRAPS



UV Fly Control Units

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

The introduction 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 insects including smaller species such as Fruit Flies.



CHAMELEON® 1 X 2

Attractive, slim, wall-mounted (free standing bracket available), compact and unobtrusive, this unit is ideal for use in food preparation areas. Equipped with 2 x 15 W Quantum BL UV tubes and 1 sticky board.

Coverage: 90 m²

code number	colour	size
KV-32510	White	31.5 x 50 cm
KV-32516	Stainless steel	31.5 x 50 cm



CHAMELEON® 2 X 2

Designed to be ceiling-suspended, this model provides 360° attraction and is ideal for industrial and commercial food premises. Equipped with 4 pcs Quantum BL UV tubes and 2 sticky boards.

Coverage: 180 m²

code number	colour	size
KV-32514	White	31.5 x 50 cm
KV-32517	Stainless steel	31.5 x 50 cm

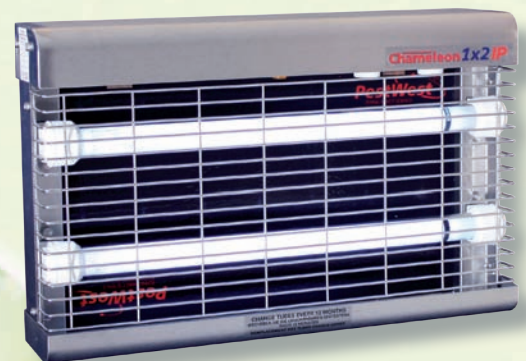


CHAMELEON® 1X2 IP

The Chameleon® 1x2 IP unit offers advanced fly control for demanding environments and is suitable for areas that are steam-cleaned, hosed down and are damp or corrosive e.g. dairies, abattoirs and industrial kitchens. It is entirely made in stainless steel and IP66 certified.

Coverage: 90 m²

code number	size
KV-32526	31.5 x 50 cm



ELECTRIC FLY TRAPS



CHAMELEON® UPLIGHT ELECTRIC FLY TRAP

Attractive, wall-mounted unit. Perfect choice where fly control should be very discreet, e.g. eating areas. Disguised as a wall light, the sticky board, the UV tubes and the insects caught remain unseen. The foil covering of the tube prevents dispersion in case of breaking.

Coverage: 40 m²

code number	colour	size
KV-32513	magnolia	21 x 47 cm
KV-32527	white	21 x 47 cm



CHAMELEON® VEGA

The **Chameleon® Vega** is a stylish, powerful and economical UV fly trap. Its elegant and ultra-slim design is combined with an all stainless steel construction.

The **Chameleon® Vega** features new higher energy efficient T5 14-watt UVA tubes with integrated Reflectobakt® technology powered by a state of the art electronic ballast to deliver efficient fly control with low running costs.

Coverage: 150 m²

code number	size
KV-32525	30 x 57.5 cm

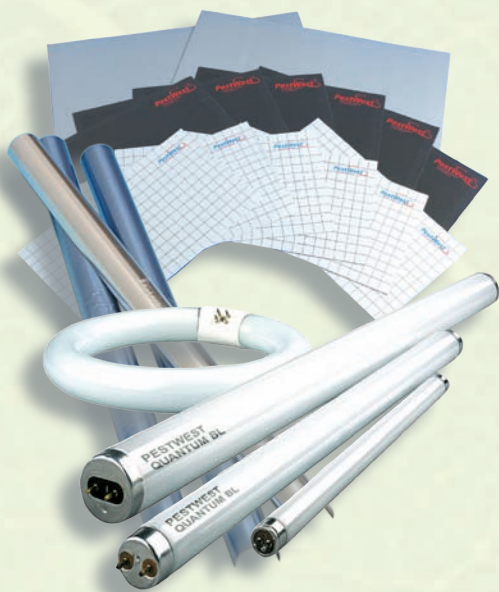


CHAMELEON® TUBES AND GLUE BOARDS

Adhesive boards with large catch surface areas. Black board is offered to efficiently hide the catch. Grey board is with a reference grid matrix that makes the monitoring and counting of insects easier.

Tubes are coated with Teflon® fluoropolymer to significantly reduce the risk of contamination from glass breakages and other pollutants without compromising the effectiveness of the tube.

code number	packing unit
KV-32520	shatterproof tubes
KV-32511	glue paper boards
KV-32519	plastic glue boards
KV-32515	starter



PLASTIC BAIT STATIONS



BARRIER PLASTIC BAIT STATION

Empty bait station, suitable for safe application of ant bait for garden ants, in the humid garden environment. The inner part is divided in two separate compartments with the possibility of filling with different baits like granules, dusts or gels. For efficient protection it is recommended to build a barrier by placing several bait stations around the building. Stick into the soil so that the open holes on the middle section are above ground level. To attract the ants to the station spread a few granules near the station.



code number	packing unit	unit/carton	unit/pallet
KE-21808	1 pc	60	1 920

TRANSPARENT GEL CANTEEN

Empty bait station, suitable for applying any gel (cockroach, ant gels) in places where the application of insecticides is allowed only in bait station. Can be easily filled through the hole on the top directly from the gel cartouche. Gel consumption is easy to be controlled through the transparent top. The bait station extends the efficiency period of the gel as it will not get soiled.

code number	packing unit	unit/carton	unit/pallet
KS-21800	1 pc	60	4 800



BIRD CONTROL PRODUCTS

BIRD CONTROL SPIKE-STRIPS

Easily adaptable bird control spike modules in different sizes and patterns. Spikes are held by metal bases that can be fastened on metal, stone, concrete or plaster surfaces. Good protection system that can be installed for various building types.

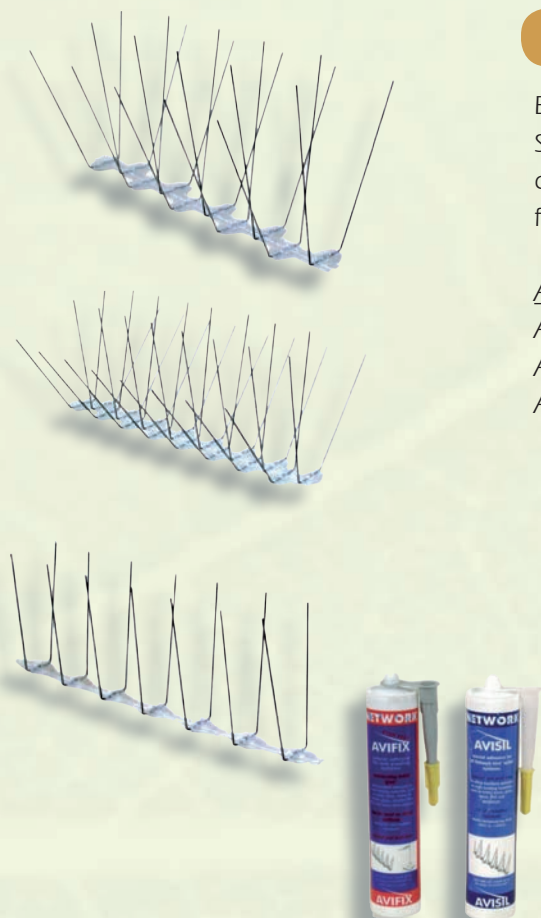
Available module types and sizes:

AVIPOINT P14 14 spikes / area to be protected up to 115 mm

AVIPOINT P20 20 spikes / area to be protected up to 205 mm

AVIPOINT P32 32 spikes / area to be protected up to 265 mm

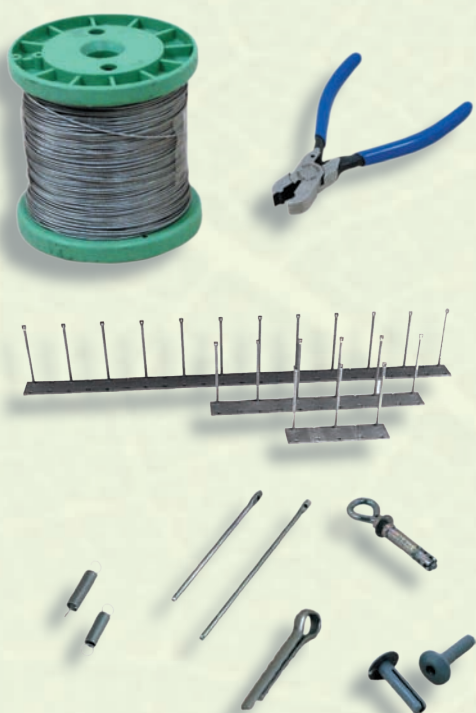
	code number	packing unit
AVIPOINT P14 spike	KV-33019	1 m
AVIPOINT P20 spike	KV-33020	1 m
AVIPOINT P32 spike	KV-33021	1 m
AVISIL silicone adhesive	KV-33022	310 ml
AVIFIX High Tack adhesive	KV-33023	290 ml



NETWORK BIRD WIRE

Cost effective and totally human bird deterrent system, which can be adapted to fit almost any building. The stainless steel wires, tensioned with springs present a physical barrier to the birds' normal landing behaviour. It is recommended for medium or low infested sites.

	code number	packing unit
Wire spanning system (12 spikes)	KV-16932	1 pc
Wire spanning system (4 spikes)	KV-16939	1 pc
Wire spanning system (3 spikes)	KV-16936	1 pc
BIRD POST (110 mm)	KV-33047	100 pcs
BIRD POST (150 mm)	KV-33048	100 pcs
PRO 25MM ANCHOR RIVET GREY	KV-33049	100 pcs
PRO 25MM SPLIT PIN	KV-33050	100 pcs
BIRDWIRE CRIMPS	KV-33014	100 pcs
BIRDWIRE CRIMP & CUTTER TOOL	KV-33015	1 pc
BIRDWIRE	KV-33051	100 m
BIRDWIRE MICRO SPRING	KV-33017	100 pcs





BASIC NET SYSTEM

Bird netting is one of the most efficient and popular methods for protecting buildings against all common urban bird species. For any net installation you will need the following component parts:

- Corner and intermediate fixings,
- Wire rope and wire tensioning products,
- Netting
- Products to fix the net to the wire rope,
- Tools

	code number	packing unit
NET (19 mm, black)	KV-33046	10 x 10 m
NET (50 mm, black)	KV-33009	10 x 10 m
PRO WIRE ROPE (2 mm, stainless steel)	KV-33007	200 m
WIRE ROPE (2 mm, galv.)	KV-33024	200 m
NETWORK N7 WIRE CUTTERS	KV-33006	1 pc
BARREL STRAINER, M , S/S	KV-33039	1 pc
BARREL STRAINER, M6, Galv.	KV-33040	10 pcs
PRO NETBOLT, WELDED, M6	KV-33026	10 pcs
NETBOLT, M6	KV-33027	10 pcs
PRO SCREWPIN	KV-33033	100 pcs
NET HANGER - PLASTIC	KV-33008	200 pcs
ALUM FERRULES 2.5MM DIAM	KV-33005	100 pcs
PRO FERRULES, 2.5MM DIAM	KV-33004	100 pcs
PRO RATCHET CRIMPING TOOL	KV-33003	1 pc
HOGRING STAPLES, GALV	KV-33055	2 500 pcs
PRO HOGRING STAPLES	KV-33002	2 500 pcs
PRO HOGRING STAPLER, P7 (S.B)	KV-33001	1 pc
NET/FLEX - TRACK SHEARS	KV-33056	1 pc

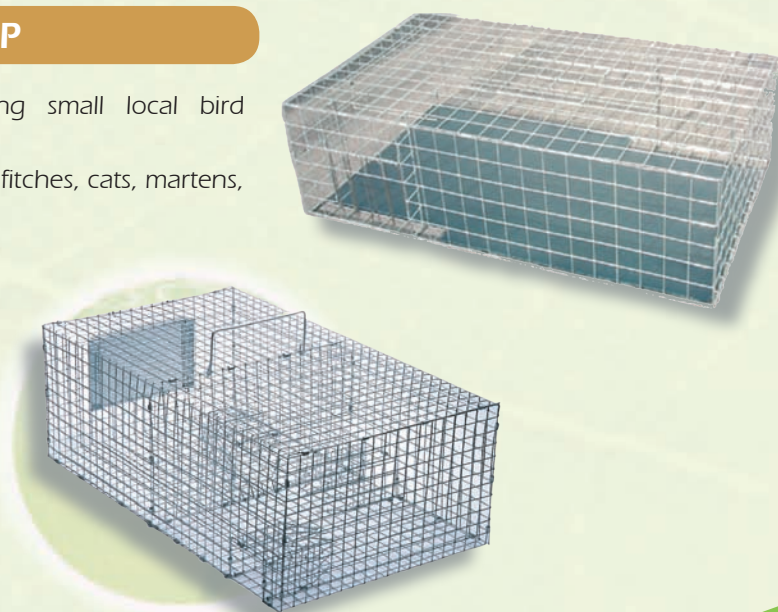


LIVE-CATCHING TRAP

Flat packed, easy-to-assemble traps for trapping small local bird populations.

Live-catch traps for capturing small animals like rats, fitches, cats, martens, foxes are also available.

	code number	packing unit
PIGEON	KV-33058	1 pc
SPARROW	KV-33057	1 pc





BIRD REPELLENTS

Cost effective and totally human bird deterrent system, which can be adapted to fit almost any building.

	code number	packing unit
Terror Eyes	KV-33025	1 pc
Predator Eyes	KV-33059	3 pcs



ELECTRIC BIRD REPELLENTS

Bird X-Peller Pro are distress call scaring systems with built-in speakers. They can help to deter birds and eliminate small infestations.

	code number	packing unit
Bird expeller Pro	KV-16931	1 pc
Super bird expeller Pro	KV-16930	1 pc



PEST CONTROL ACTIVITY



Bábolna Bio is unique within the pest management industry. There is no company worldwide that synthesises molecules, formulates them and then manages their distribution at both national and international levels and then uses them through their own pest control service company.

insect control



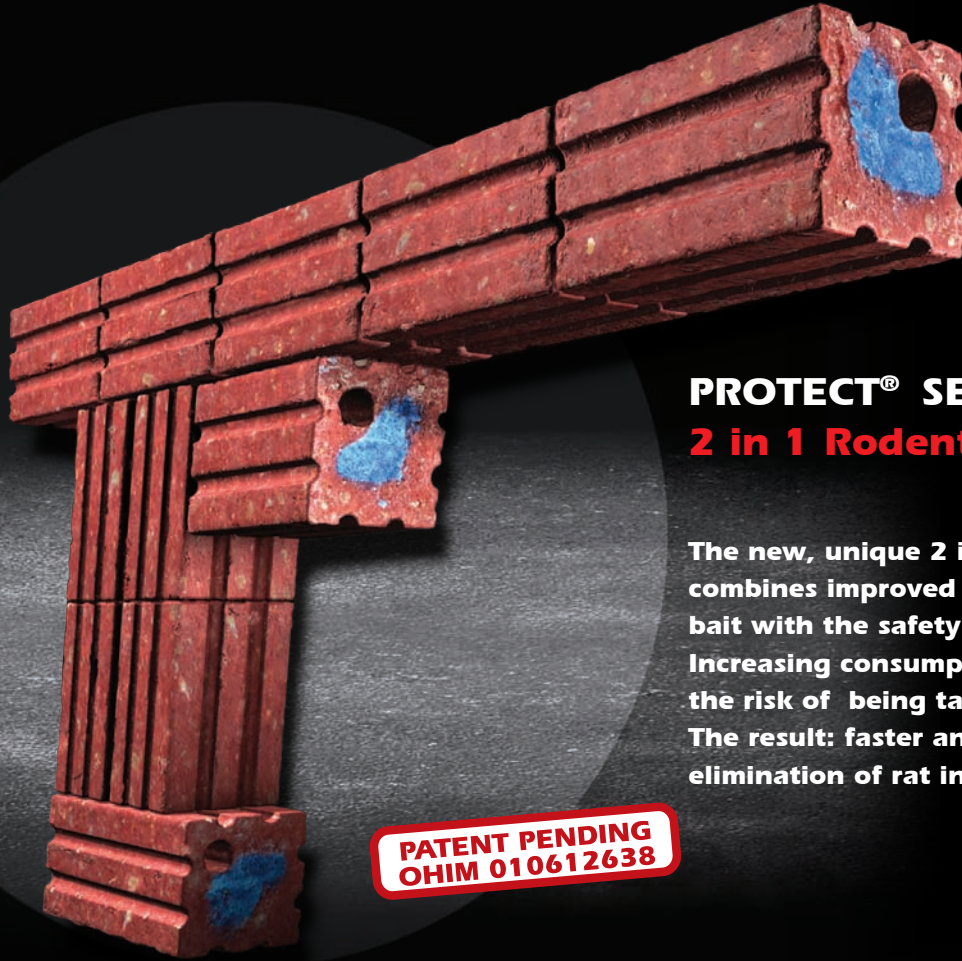
rodent control



bird control



FRESH BAIT IN A BLOCK A LETHAL COMBINATION



PROTECT® SENSATION 2 in 1 Rodenticide Bait

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

PATENT PENDING
OHIM 010612638

AN OVERPOWERING ATTRACTION FOR RODENTS

PROTECT® REVOLUTION Rodenticide Bait System

This revolutionary, new product combines a poisonous bait with an appetizing gel, helping to overcome neophobia and bait shyness, and delivering an irresistibly lethal dose with improved speed and efficiency. The result: more rapid, reliable and efficient rat control.



PATENT PENDING
OHIM 010612612