

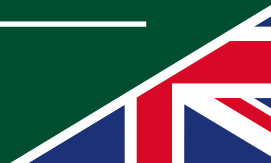


International

INSECTICIDES & RODENTICIDES

PELGAR INTERNATIONAL

CARIBBEAN





International

PelGar International is the leading British manufacturer of highly effective rodenticide and insecticide products for the control of public health and farming pests around the world.

With an active and dynamic research and development programme, which draws on a wide range of market intelligence and technical feed-back, we aim to provide innovative and novel solutions to any global pest problem.





PelGar operates from its headquarters in Hampshire, England and through local offices in mainland Europe, Africa, Australia and North America.

Our analytical and formulation laboratory ensures the highest product quality from two UK manufacturing sites, while our research centre provides the technical team with valuable insights into the behaviour and biology of the rodents and insects being targeted.

We believe that while the active ingredients used in the industry may be common, the target pests and the environments in which they live are very different. Providing effective control therefore means that the active substances need to be available in a wide range of high quality formulations. Our innovative formulation technology helps to maximise product efficacy against the target pest, whilst minimising any potential risk to the user, non-target species and the environment.

PelGar holds complete dossiers on the three rodenticide actives difenacoum, bromadiolone and brodifacoum with a

wide range of registered formulations. Our large portfolio of insecticides is based on synthetic pyrethroids and insect growth regulators and we are global specialists in natural pyrethrum products for use on plants.

We provide renowned products and expertise in over 70 countries worldwide, supporting customers who are directly involved in controlling nuisance pests, national campaigns against the vectors of disease and local and national conservation projects. Our global network of experienced staff and in country resources guarantee an exceptional level of service while seeking out the next strategic partnership to further develop our business.

The availability of products in this catalogue will be dependent on local registrations and demand, please consult your local representative for more information. ■

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Insect Control with PelGar Insecticides



PelGar manufactures a broad range of insecticides for public health and agricultural use, ranging from liquid concentrates to ready for use (RFU) sprays and aerosols.





There is no such thing as a ‘universal’ insecticide which will perform perfectly against all pests, on all substrates and under all environmental conditions. By designing specific formulation types for different problem situations, we are able to enhance the insecticidal activity of the active materials

Our insecticides range from the cost effective 40% cypermethrin wettable powders to advanced multi-active ingredient formulations that combine fast-acting and long-lasting effects, or have different modes of action, for the control of even the most difficult pest population.

Years of research and experience in Europe, the Near East, Africa and South America have enabled our team to produce some of the most robust and effective pest control insecticides available in today’s market.

Most of our insecticides are based on one or more of the synthetic pyrethroids, which are well known for their ‘broad-spectrum’ activity. Some

products also contain the extremely potent insect growth regulator pyriproxifen. This offers dual action control while reducing the onset of potential insecticide resistance. Further protection from resistance is achieved by incorporating high levels of the pyrethroid synergist piperonyl butoxide (PBO).

PelGar is also a specialist in the application of natural pyrethrins, a substance purified from chrysanthemum flowers which causes rapid knockdown of insects followed shortly by death.

The mode of action is nonsystemic, and is contact action, caused by the binding of pyrethrins to sodium channels which inhibits the insect’s nervous system.

This mode of action leads to a broad-spectrum of insecticidal activity, and due to the non-persistence of the active ingredient in the environment, insect resistance is very rare. ■



Plant Protection

PyGar 5EC

Contains:

5% w/v pyrethrins
25% w/v piperonyl butoxide

Control:

Resting flying and crawling insects

Application:

**Compression sprays / tractor
mounted boom sprayer**

Availability:

250ml auto-dose bottles
1L bottles
5L flagons



**An effective solution to insect
pests in crop protection and
organic farming.**

PyGar 5 EC is approved for use against a wide range of pests, including, whitefly, aphids, thrips and red spider mite. It can be used on protected fruit and vegetables and crops can be harvested just 24 hours after application as no pesticide residue remains after this period. ■

Plant Protection

PyGar 5EW

Contains:

5% w/v pyrethrins

Control:

**Flies, midges, red-mite,
general crawling insects**

Application:

Compression sprayer

Availability:

**1L bottles
5L flagons**



**Approved for use by international
organic farming organisations
such as Organic Farmers & Growers.**

PyGar 5EW is a special water based formulation that contains only the most environmentally sensitive materials with no PBO. A special blend of pyrethrum and natural food oils formulated to optimise the insect killing power of natural pyrethrum. PyGar 5EW is very crop safe and can be used on a wide range of crops including vegetables, fruit, coffee, cocoa and broad acre crops such as wheat and maize. ■

Insecticide Concentrates

Alphaban Super

Contains:

14.5% w/w cypermethrin

4.8% w/w tetramethrin

19.3% w/w piperonyl butoxide

Control:

Flying and crawling insects including: bedbugs, fleas, cockroaches, beetles, flies, mosquitoes, moths and wasps

Application:

Compression sprayer

Availability:

500ml auto-dose bottles

5L flagons



Alphaban Super is a highly effective residual insecticide designed for the control of a wide range of insect pests.

High levels of the killing agent cypermethrin combined with the flushing and knockdown power of tetramethrin and the addition of high levels of PBO offer a highly effective insecticide concentrate that will break the resistance cycle where other lesser products have been constantly used. ■

Insecticide Concentrates

Cimetrol Super EW

Contains:

25% w/w cypermethrin

10% w/w tetramethrin

20% w/w piperonyl butoxide

1% w/w pyriproxyfen

Control:

**Bed-bugs, fleas,
general crawling insects**

Application:

Compression sprayer

Availability:

500ml auto-dose bottles



Formulated as an oil-in-water emulsion, our award winning Cimetrol Super allows rapid access of the active ingredient to the target pest while providing long lasting residual control.

This advanced formulation has the multi-action properties of both of its predecessors, Cimetrol and Stingray. Cimetrol Super contains a Type I pyrethroid for fast flushing and knockdown, a Type II pyrethroid for rapid kill of the insects, a metabolic synergist to bypass insect metabolic resistances, and an Insect Growth Regulator (IGR), demonstrating a completely different mode of action, to ensure that any stubborn populations never get to pass their resistant properties onto the next generation. ■

Insecticide Concentrates

Cytrol 10/4 ULV

Contains:

10% w/w cypermethrin
4% w/w piperonyl butoxide

Control:

Crawling insects including cockroaches or resting insects including flies

Application:

As a thermal fog or ULV space treatment. Can also be diluted and applied using a compression sprayer

Availability:

500ml auto-dose bottles
5L flagons



Cytrol 10/4 ULV is an EC/UL formulation that allows dilution with either oil (kerosene or diesel) or water.

When applied as a thermal fog or ULV space treatment it provides cost effective control of flying insects including flies, mosquitoes and biting midges. The product can also be diluted with water and applied as a residual treatment using a compression sprayer for the control of crawling or resting flying insects.

The active substance cypermethrin is a broad spectrum synthetic pyrethroid which provides both rapid kill on contact with the insect target and, being photo-stable, provides good residual control. The addition of the synergist piperonyl butoxide (PBO) enhances the speed of knockdown and synergises the killing effect. ■

Insecticide Concentrates

Cytrol Forte WP

Contains:

40% w/w cypermethrin

Control:

**General crawling insects,
resting flying insects**

Application:

Compression sprayer

Availability:

**10g sachets
250g tubs
500g tubs**



One of the flag-ship products of the PelGar range, Cytrol Forte is a high strength wettable powder containing the powerful synthetic pyrethroid cypermethrin.

This has excellent insecticidal qualities and good flushing and knock-down effect. This formulation type is especially useful for the treatment of highly absorbent surfaces such as brick, mud or some wood. After application, when dry, the active ingredient (and filler) is left on the surface as a microscopic, insecticidally active powder that is readily picked up when an insect walks over it. Thus, Cytrol Forte extremely good control on difficult surfaces where exceptionally long residual life is required. Due to the high strength of the formulation, staining of the treated surface, which can be common with other wettable powders, does not occur with Cytrol Forte. ■

RFU Smoke Generators

Fortefog Fumers

Contains:

13.25% w/w permethrin

Control:

Flying and crawling insects

Application:

Ready-to-use insecticidal smoke generator

Availability:

3.5g fumer

Treats up to 120m³ (for flying insects)

11g fumer

Treats up to 400m³ (for flying insects)

27g fumer

Treats up to 1000m³ (for flying insects)

100g fumer

Treats up to 4000m³ (for flying insects)



Fortefog P permethrin fumers are simple to use in the home, factory or warehouse, and effective against a wide range of flying and crawling insects.

Fumers are particularly useful in situations where spraying access is difficult or limited and tests have shown PelGar fumers are up to ten times more effective than other brands on the market. Fortefog fumers are available in four standard sizes, the 3.5g and 11g are approved for retail sales and feature a unique non-sparking blue touch paper fuse system. ■

RFU Sprays and Powders

Protector C+

Contains:

0.1% w/w cypermethrin

0.01% w/w pyriproxyfen

Control:

Flying and crawling insects

Application:

**Ready for use trigger spray /
compression sprayer**

Availability:

350ml spray bottles

1L spray bottles

5L flagons



Protector C+ is ready for use and formulated with cypermethrin to offer long-lasting residual control of crawling and resting flying insects.

The added insect growth regulator (IGR) pyriproxyfen disrupts the growth cycle and prevents target insects from multiplying. Protector C+ is water based, non-flammable and has an advanced micro emulsion formulation for a super effective kill. In addition, the product has no solvent smell and is safe to use on soft furnishings. ■

RFU Sprays and Powders

Pyrrhrin RFU

Contains:

0.38% w/w pyrethrins

4.44% w/w piperonyl butoxide

Control:

Flying and crawling insects

Application:

Compression sprays / mist / fog

Availability:

1L bottles



Pyrrhrin RFU is a ready for use non-persistent insecticidal spray for thermal fogging, misting or surface treatment in food handling premises and for public hygiene / nuisance insect control.

Based on the broad spectrum insecticidal activity of pyrethrins, the addition of synergist piperonyl butoxide (PBO) increases efficacy and inhibits the insects' natural resistance mechanism. ■

Insect Repellents

Permapel RFU

Contains:

0.5% w/w permethrin

Control:

Biting insects

Application:

Spray onto fabrics and textiles

Availability:

300ml flaresol bottle



Formulated to provide long lasting insect repellence for fabrics against mosquitos, ticks, midges and other biting insects.

Permapel RFU is suitable for use in all tropical climates on clothing, rucksacks mosquito nets and tents. Our specially created 'flaresol' uses a bag-in-bottle vacuum action to deliver a fine mist that spreads evenly on all surfaces, even when held upside down. Repeated actuation produces a continuous spray enabling quick and easy coverage of large areas. ■

NATO registered NSN 6840-99-670-1469

Rodent Control with PelGar Rodenticides



Across the Caribbean our main PelGar brands ...

Roban - difenacoum **Brigand/BorraRat** - bromadiolone **Raticate** - brodifacoum

We also sell under other brand names around the world.

| | Pellets | Whole Wheat | Rolled Oats | Cast Wax Blocks | Soft Bait | Barrier Paste |
|---------------------|---------|-------------|-------------|-----------------|-----------|---------------|
| DIFENACOUM | • | • | | • | • | |
| BROMADIOLONE | • | • | | • | • | |
| BRODIFACOUM | • | • | • | • | • | |
| NON TOXIC | | | | • | • | • |



PelGar produces a range of high quality, palatable formulations based on the active ingredients difenacoum, bromadiolone and brodifacoum; the most widely used anticoagulants in rodenticides.

Anticoagulants work by reducing the ability of the rodent's blood to clot and each active has a different level of toxicity to mice and rats, as shown in the table below:

| Anticoagulant | LD50 mg ai/kg Mouse/Rat | Bait Concentration (PPM) | LD50 (g of bait) Mouse/Rat* | LD50 (g of bait/kg) Dog |
|---------------|----------------------------|-----------------------------|-----------------------------------|-------------------------------|
| Difenacoum | 0.8 / 1.80 | 50 | 0.4 / 9.0 | 1000 |
| Bromadiolone | 1.75 / 1.13 | 50 | 0.9 / 5.6 | 200 |
| Brodifacoum | 0.40 / 0.27 | 50 | 0.2 / 1.4 | 5.0 |

*Typical 250g rat and 25g mouse, consumption based on 25g/3g respectively. LD50 data taken from a variety of industry sources.

As a general guide, in most pest control situations difenacoum is more than twice as effective on mice as bromadiolone. For rat control, bromadiolone is the more effective of these two actives. In comparison, brodifacoum is by far the most effective on both rats and mice but is also

considerably more toxic to nontarget species such as birds and dogs.

It is advised that brodifacoum should only be used in specific situations or when control with other anticoagulants has failed.

An integrated pest management plan is recommended to ensure the correct use and placement of the bait, which will greatly enhance the effectiveness of the control and minimise the risk of poisoning non-target animals. All anticoagulants, following accidental or secondary poisoning, can be antidoted with Vitamin K1.

Using these three rodenticide actives PelGar manufactures a range of eight ready to use formulations to provide maximum efficacy in the varied situations and environments for which they are required. Taste adjuvants and sweeteners improve bait 'take' and bio-stats inhibit the growth of fungi or bacteria when the bait is used in damp conditions.

Standard professional use formulations contain 50ppm of the active ingredient and 10ppm of the human aversive agent denatonium benzoate which gives a bitter taste to most humans. ■



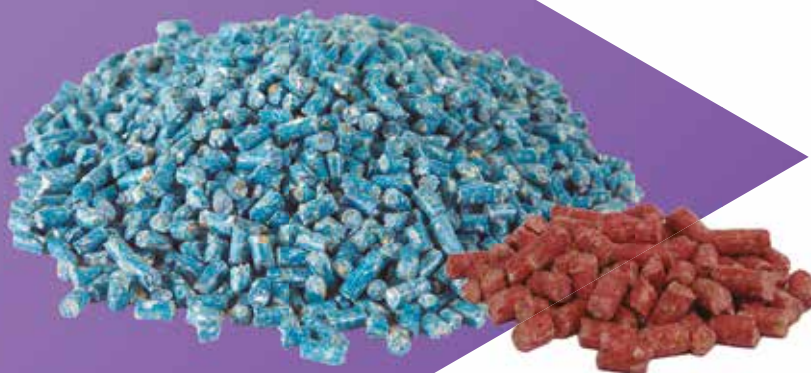
Pellet Baits

Available in the following actives:

difenacoum
bromadiolone
brodifacoum

Availability:

Available in a variety of pack sizes for amateur and professional users, from 25g sachet packs up to 20kg bulk sacks.



Pellet baits offer a highly palatable and well balanced food source; perfect for where the target rodent population has been feeding on compound feedstuffs.

Formulated using a blend of cereals, sugars, proteins and fats, with taste adjuvants to improve bait 'take', our pellet baits are available in all three active ingredients difenacoum, bromadiolone and brodifacoum. With a long shelf life they are recommended for use indoors, outdoors in dry climates or where they can be well protected from moisture. ■

Grain Baits



Grain baits are commonly used in rural situations, especially where they are the closest match to the existing food rodents are feeding on.

PelGar manufactures two culinary grade grain baits: whole wheat and rolled oats, to encourage rodents to more quickly accept the bait as a new food source.

Details of these are on the following pages. ■



Whole Wheat Bait

Available in the following actives:

difenacoum
bromadiolone
brodifacoum

Availability:

Available in a variety of pack sizes for amateur and professional users, from 25g sachet packs up to 20kg bulk sacks.



Available in all three active ingredients, difenacoum, bromadiolone and brodifacoum our whole wheat baits are formulated using food grade micronised (high temperature treated) wheat.

This prevents germination and begins the conversion of starches to sugars, sweetening the bait and increasing its attractiveness to rodents. Whole wheat baits contain a special aroma, giving the bait a unique chocolate smell, which is highly appealing to both rats and mice. Whole wheat baits can also be manufactured with an aniseed aroma or no aroma at all. ■

Rolled Oat Bait

Available in the following actives:

brodifacoum

Availability:

Available in a variety of pack sizes for amateur and professional users, from 25g sachet packs up to 20kg bulk sacks.



Rolled oats are high in sweet natural oils which appeal greatly to mice and are also very attractive to rats.

xxx. ■

These natural oils help to increase the palatability of the bait, providing extra calories and a more attractive feed. Our rolled oats are available with the highly effective active brodifacoum and are ideal for use in problem areas where control may be proving difficult. ■

Wax Block Baits

Available in the following actives:

difenacoum
bromadiolone
brodifacoum

Availability:

Available in a variety of pack sizes for amateur and professional users, from 25g sachet packs up to 20kg bulk sacks.



Wax block baits are ideal for use in situations where bait security is paramount or where baits are used in damp and humid environments.

The result of extensive research by PelGar, our cast and compressed wax blocks are formulated using high quality culinary grade wheat flour blended with chopped wheat, other cereals and proteins to ensure excellent bait 'take'. The compression and host casting production methods give considerably more protection from the elements when compared to extruded blocks. Easily secured in place in a bait station or wired/nailed in place in protected locations, for ultimate bait security our larger blocks have a central hole for threading on to spikes or bars. ■

Soft Baits

Available in the following actives:

difenacoum
bromadiolone
brodifacoum

Availability:

10 or 15g 'T-bags' which can be wired or nailed in place, or 300g caulking tubes for spot placement. Pack sizes are available for amateur and professional users and range from 50g sachet packs up to 10kg buckets.



When a 'non-spill' bait is required our soft baits or paste baits offer the perfect alternative.

Made with either oil or animal fat, they offer a high calorie feed that can be particularly useful when multiple food sources are available or where rodents have declined to accept other baits.

These highly palatable baits are formulated using a blend of high quality culinary grade wheat flour, chopped grain and soft lard to produce a high calorie, high energy feed. The synthetic peanut flavouring is highly appealing to both rats and mice and, because it doesn't contain any actual nuts, it can be used in sensitive areas such as food processing areas/factories. Soft baits are available in all three difenacoum, bromadiolone and brodifacoum actives and remain pliable even in freezing temperatures. ■



ROBAN GUARD

Roll Dimensions:
(l) 36 ft x (w) 3 inches
(l) 10m x (w) 7.5cm

The Roban Guard proofing products are developed using the flexible and durable rubber material Santoprene™. Along the length of the Roban Guard are 1mm inlaid acid-resistant stainless-steel wires, which makes the seals impossible for rodents to gnaw through. The bottom of the Roban Guard acts as an insect barrier and close fit setter for uneven terrain, allowing for use on multiple surfaces while keeping out unwanted pests. Roban Guard has a waved/corrugated surface which prevents the inlaid steel wires from sliding and is a versatile product which can be used to solve most pest proofing tasks.

For Use With:

Rodent and Insect barrier for doors, gaps and industrial spaces

Availability:

10m (36ft) per box



ROBAN
EXCLUSION
-YOUR BEST LINE OF DEFENSE-



ROBAN BLOCKER

Roban Blocker is a good rodent and pest barrier designed to provide protection for your premises. Made from coarse stainless steel interwoven with durable synthetic fibers, it forms a highly effective physical barrier to keep pests out.

With its spongy texture, Roban Blocker easily fits snugly into cracks, crevices, and gaps, offering flexibility and ease of use during installation.

Application:

Filling of holes, gaps and seams for rodent exclusion

Availability:

3m (10ft) by 10cm (4in) roll



Roll Dimensions:
(l) 10 ft x (w) 4 inches
(l) 3m x (w) 10cm

ROBAN
EXCLUSION
--YOUR BEST LINE OF DEFENSE--

ROBAN FOAM BUNDLE

The Roban Foam Bundle Set is an innovative solution designed to protect your home and property from pests and rodents. It includes two Copper Mesh packs of 3m (6ft) each, providing pest-proofing and rodent-blocking capabilities. Whether you're dealing with insects, rats, or mice, the Roban Foam Bundle Set offers a strong and durable barrier to keep unwanted pests out. Made for larger voids and openings, the foam is not super expanding, is a neutral color and cures slowly for a denser consistency and stronger adhesion.

For Use With:

For filling holes, gaps and voids to prevent rodent entry.

Availability:

500ml can with 2 x 2m (6ft) Copper Mesh packs



Can size:
500 ml



ROBAN
EXCLUSION
--YOUR BEST LINE OF DEFENSE--



ROBAN GOLD ENTRAP

Non-toxic gel for use in traps, stations and glue boards

PelGar's Roban Gold Entrap are ready-to-use, non-toxic monitoring gels used for enticing rats and mice towards snap traps and rodent stations. Our range of flavors have been specially formulated to meet the unique behavioural characteristics of rats and avoid triggering their neophobia while remaining enticing to mice as well.

For Use With:

All snap traps, glue boards, multi-catch traps and placed stations.

Availability:

Mixed or single flavor options

The 35g tubes comes with it's own plunger and cap but can be used in all good gel guns for ease of application.



Available Flavors:



Vanilla



Apple



Amaretto



Peanut Butter

Roban Barrier Non Toxic Paste

Contains:

Non toxic paste containing EPS beads and metal fibers.

Contains no pesticides or biocides.

Application:

Ready for use application with a caulking gun.

Availability:

**340g caulking tube
Box of 12 tubes.**



Roban Barrier is an innovative physical barrier formulation that seals cracks, seams, holes, gnawed openings and other open areas to prevent entry from rodents and other pests.

Using a caulking gun, it is quick and easy to apply onto many surfaces including PVC, is instantly waterproof, paintable when dry and unaffected by extreme temperatures to provide long lasting protection. The versatility and flexibility of Roban Barrier make it ideal for use in a wide range of locations both internally and externally. It can be effectively incorporated into both new and existing buildings and is particularly well suited to hygiene-sensitive areas, such as food manufacturing and preparation facilities, or around plumbing and electrical cables.

ROBAN
EXCLUSION
--YOUR BEST LINE OF DEFENSE--

Accessories

Bait safety is of paramount importance in any rodent control programme. Bait should be placed to limit access to non-target animals, particularly dogs, cats, pigs and poultry.



PelGar manufactures and sources a range of baiting accessories, shown here are some of examples of our most popular products - for more information and details of other products please contact us.

Bait stations are one of the easiest ways to keep bait safe and provide a convenient and simple way to place, check and top up rodenticide baits. They also help keep bait dry and fresh when used in outdoor or damp locations. PelGar's lockable rat and mouse boxes have been designed to be used with all baits and can be supplied with bars to secure block and pasta baits. The rat station can also house a break-back trap which can be set while the station is closed. The PelGar E-Z Baiter is a multifunctional rat bait station that exploits the natural behaviour of rats to run through tunnels. Two transparent vertical tubes are inserted in the top of the bait station to hold loose baits, helping to keep the bait fresh until eaten. ■



Flexible Packaging Solutions

While we are dedicated to producing the highest quality products for the global pest control market, we also appreciate that not every customer wants the same product or pack size.



Sachets, pouches and retail cartons

PelGar can produce a range of sachets and pouches from 20g to 2kg, in a range of films to suit local requirements. Sachets and cartons can be produced in simple single colour prints right through to full colour designs like you see here.

In addition to making most formulations available with different active and formulation ingredients, our in-house resource allows the availability of flexible packaging options. Our team of packaging and design experts can help create the product and brand to suit your customers and are always on hand to offer advice and support.



Tubs and buckets

One of the more popular options for the professional market, PelGar holds a large stock of both round and rectangular buckets to cater for sizes from 200g to 20kg. This solution offers a high quality product with a quick turnaround time and a very reasonable minimum order quantity.

Sacks and bulk cartons

PelGar produces bait in both woven polypropylene and paper sacks which range from plain stock to full colour photographic prints. Production in bulk cartons is also available for local country re-packaging.

Bottles and Sprays

PelGar works with a large collection of bottle sizes which can take standard and shaker lids, pump spray, aerosol and non-aerosol mechanisms from 100ml to 500ml and 1 litre to 10 litre capacities, giving you huge variety and choice for liquid and powder products.

PelGar International is committed to providing you with the right solution to your problem. Please contact us for more detailed product information and availability.

PelGar International

Head Office

13 Newman Lane, Alton,
Hampshire GU34 2QR
Tel: **+44 (0) 1420 80744**
Fax: **+44 (0) 1420 80733**
Email: **sales@pelgar.co.uk**

Andrej Branc

Americas Business Manager
Email: **andrej@pelgar.co.uk**
Tel: **+1 610 849 1723**



International

PelGar International, 13 Newman Lane, Alton, Hampshire GU34 2QR
Tel: **01420 80744** Email: **sales@pelgar.co.uk**

www.PelGar.co.uk

▶ Rodent Control ▶ Insect Control ▶ Plant Protection ▶ Insect Repellents ▶ Decontamination Kits

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