



SLUXXX[®] HP



**Fast-acting snail bait
for application in all crops**

very high bait density

rain- and mildew-proof

no preharvest interval



For further information please visit
www.progema-plantcare.com



SLUXX^{HP}

Active ingredient

29.7 g/kg iron (III) phosphate

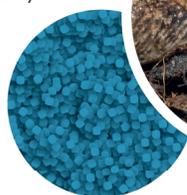
Substance information

The active ingredient contained in **SLUXX^{HP}** is iron (III) phosphate. Iron phosphate also occurs naturally in the soil. The substance is fully converted into iron and phosphate by the microorganisms in the soil.

Improved formula

The new formula **SLUXX^{HP}** has an improved colour system. The colour will even outlast strong rainfalls, so that the pellet density is easy to monitor. The used colour is food-grade. In addition to this, the reformulated **SLUXX^{HP}** is highly mildew-proof.

The pellets will not even be attacked by mildew if they



remain on the field for longer periods of time. **SLUXX^{HP}**

is manufactured in a wet moulding process, so that the application with spreaders will create hardly any dust.

High pellet density/m²

Many scientific studies have shown that snails exhibit a relatively unspecific foraging behaviour and that the attraction effect of slug pellet products is limited to a few cm. It is therefore very important to achieve the greatest possible bait density when spreading the snail pellets so that the snails will encounter a bait before they can feed on a crop plant. This is why

SLUXX^{HP} has been formulated to ensure a high bait density of ca. 60 pellets/m² if 7 kg/ha are applied.

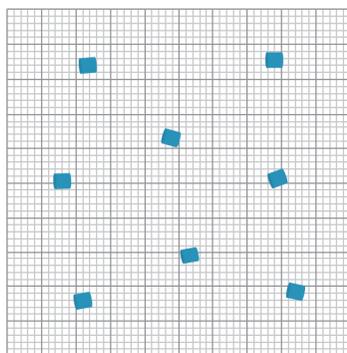
The application of **SLUXX^{HP}** ensures a markedly higher bait density than many rival products.

Distribution of **SLUXX^{HP}** and reference product

50 x 50 cm section

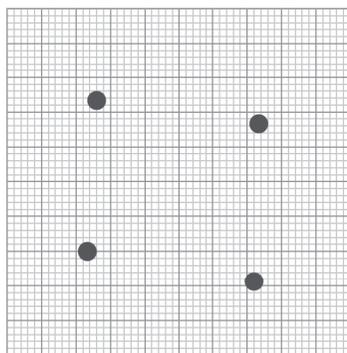
SLUXX^{HP}

approved application rate: 7 kg/ha



Distance between the pellets: 13 cm

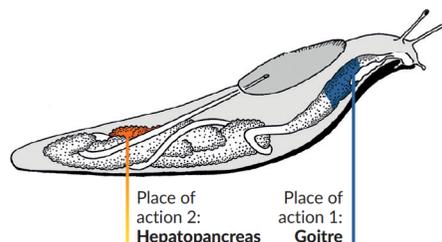
Application rate approved for the reference product: 3 kg/ha



Distance between the pellets: 19 cm

Mode of action

SLUXX^{HP} is eaten by the snails and quickly stops them from feeding on the crops. The active ingredient leads to cell changes in their goitre and hepatopancreas. Shortly thereafter, the snails will stop eating and withdraw to their hiding places in the ground, where they die after a few days.



As the effect is not based on dehydrating the snails, the effectiveness will not be impaired by humid weather. In contrast to metaldehyde-based baits, the snails will not excrete excessive slime and hardly any dead snails will be visible on the field.

Organic farming

Iron (III) phosphate, the active ingredient of **SLUXX^{HP}**, is approved for organic farming operations as per EC regulation.

SLUXX^{HP} is registered with the Research Institute of Organic Agriculture (FiBL).

Public greens

SLUXX^{HP} is grouped with plant protection products that are suitable for areas intended for the general public in the list as per section 17 of the Federal Office of Consumer Protection (BVL) in Germany.

Fields of application

Vegetable growing

Agriculture and potato growing

Fruit-growing

Ornamental plants/ tree nurseries

Winegrowing

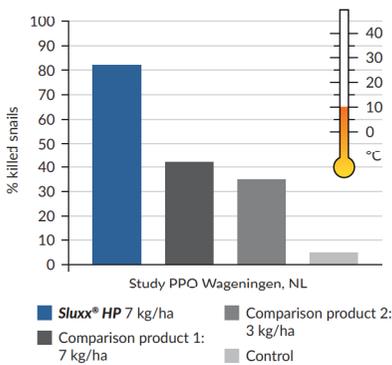
Hop growing



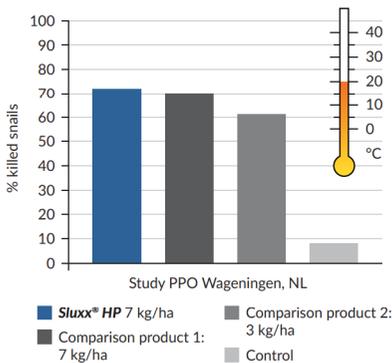
Reliable effectiveness at high and low temperatures

SluXX^{HP} works at high temperatures and also under cool weather conditions in spring and late autumn. Comparison studies at 10 °C and 20 °C demonstrate a reliable effectiveness at various temperatures.

Test plant: rapeseed 10 °C



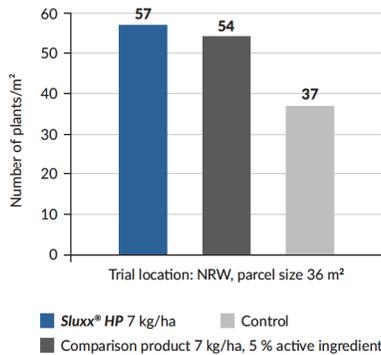
Test plant: rapeseed 20 °C



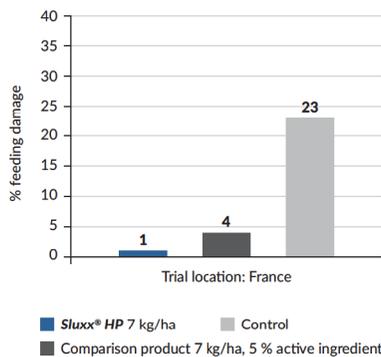
Effectiveness

SluXX^{HP} has proven its outstanding effectiveness repeatedly in many years of study. The good results were meanwhile obtained against various snail species (slugs and roundback slugs), so that reliable crop protection is ensured regardless of the snail and plant species in question.

Efficacy test in rapeseed



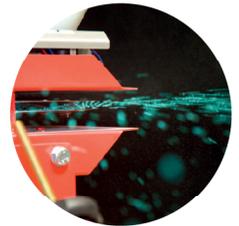
Efficacy test in lettuce



Application date and application rate

SluXX^{HP} is ideally spread directly after the sowing and/or planting. **SluXX^{HP}** is approved for an application rate of 7 kg/ha. The application rate must not be reduced under any circumstances in areas under strong infestation pressure and at the edge of the field.

In case of lower infestation, the quantity of slug pellets applied can also be reduced to 5 kg/ha in the field.



The spreading needs to be repeated as soon as the number of pellets still visible in the field is no longer sufficient. **SluXX^{HP}** can either be applied using fertilizer spreaders or special snail pellet spreaders.

The following scattering ranges can be achieved in the process:

Spreader	Max. scattering range
Lehner Super Vario	24 m
Amazone ZA-X ZA-M ZA-M Ultra	18 m 24 m 32 m
Rauch Beta Axera Axis	28 m 30 m 33 m

Please have a look at the internet pages of the spreader manufacturers for details of the specific spreader settings. A setting chart for **SluXX^{HP}** is available at: www.progema-plantcare.com

In vegetable, fruit and ornamental crops, spreading across the crops is prohibited because pellets could remain in the harvested crop. We recommend application using a row fertilizer applicator or a watering can without rose, for example.



Application

Crops	Area of application	Approved application rate
Agriculture Rapeseed and beetroot Sugar & forage beet All grain species Potatoes Corn Fodder legumes Mustard species Flax Sunflowers Green manure crops Grasses Tobacco	Open land	7 kg/ha
Vegetable cultivation All vegetable species e.g. Lettuce species Cabbage species Bulb vegetables Carrots Spinach species Leeks Celery Fenugreek Rhubarb Red radish Radish Asparagus Beans Peas Courgettes Cucumber Tomato Paprika Fresh herbs Tea herbs Medicinal plants	Open land & greenhouse	7 kg/ha
Fruit cultivation Strawberries Raspberries Currants Gooseberries Blueberries Pomes Stone fruit	Open land & greenhouse	7 kg/ha
Ornamental plants	Open land & greenhouse	7 kg/ha
Wine	Open land	7 kg/ha
Hops	Open land	7 kg/ha

Use plant protection products with care. Always read the label and product information before use.

Environmental compatibility data

Beneficial organisms: No damage to earthworms. Also no risk for hedgehogs, ground beetles, birds and domestic pets such as cats and dogs.

Waiting periods: none

Hazard symbols: none

Fish: not poisonous to fish

Waters: No water protection area restrictions, no restrictions concerning the distance from waters. Please comply with possible regulations in other countries.



Package sizes

2,5; 5; 10; 15; 20 and 25 kg bags are available.



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Production and Sales

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