

PRODUCT GUIDE & INSTRUCTIONS FOR USE

NATURAL. EFFECTIVE. SUSTAINABLE.

PRODUCT NAME:

PARASITIC WASPS



PRODUCT DESCRIPTION:

SHORT DESCRIPTION:

GREEN GUARDIA parasitic wasps are a **natural, chemical-free** solution for the biological control of stored-product pests such as pantry beetles, cigarette beetles or grain beetles. The tiny beneficial insects actively search for the pest larvae and parasitize them – breaking the pest life cycle.

Application is **simple**: place the tubes with the parasitic wasps in infested areas such as cupboards, kitchens or pantries. The wasps work **independently**, are **completely harmless** to humans and pets due to their small size and barely visible.



APPLICATION AREAS:



Pantry cupboards & food storage – For the targeted control of pests in stored food.



Kitchens & utility rooms – Ideal for hidden beetle nests in cracks, drawers or behind appliances.



Cellars & storage rooms – Especially suitable for infestations in larger quantities of stored food or pet food.



Bakeries & food businesses – For professional, non-toxic use in the case of pantry beetle or grain beetle infestations.



Animal feed storage & grain warehouses – Against pests in feed supplies (e.g. mealworms, grain beetles, rice weevils).



Packaging warehouses & shipping areas – If beetles are found in cartons, paper or packaging materials.



100% NATURAL

No chemicals, no residues



EFFECTIVE

Targeted control of storage pests



SAFE

Harmless to humans & pets



SUSTAINABLE

Supports the natural life cycle of the pests

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TARGET PESTS:



Pantry Beetles

(*Stegobium paniceum*)



Cigarette Beetles

(*Lasioderma serricorne*)



Rice Weevils

(*Sitophilus oryzae*)



Maize Weevils

(*Sitophilus zeamais*)



Mealworms

(*Tenebrio molitor*)



Confused Flour Beetles

(*Tribolium confusum* /
Tribolium castaneum)



Sawtoothed Grain Beetles

(*Rhyzopertha dominica*)



Grain Beetles

(*Sitophilus granarius*)



Other Beetle Species,
whose larvae develop in
food or stored goods

APPLICATION:



DELIVERY AND PLACEMENT:

- You will receive the parasitic wasps in small plastic tubes. Open the tubes immediately after receipt and place them directly in the infested areas.



RELEASE:

- The wasps become active about 7 days after release. They actively search for the pest larvae and parasitize them.



TEMPERATURE NOTE:

- The optimal activity of the storage wasps is between 12°C and 39°C (54°F and 102°F). Make sure the temperature is regularly above 15°C (59°F).



REPEAT:

- Repeat the release as needed and depending on the severity of the infestation every 3 to 4 weeks to ensure long-term pest control.



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APPLICATION INSTRUCTIONS:



STORAGE:

The beneficial insects are living organisms and must **be used immediately after receipt.**

Short-term storage is not recommended.

If necessary, store only very briefly between 4–8 °C.



EFFECTIVENESS:

Each female can parasitize up to 60 host larvae.



PLACEMENT:

Place the tubes near the infested areas so that the pirates can find their prey.



IMPORTANT INFORMATION:

FAQ



HOW MANY TUBES DO I NEED?

Depending on the severity of the infestation, approx. 1 tube per room (up to 15 m²) – more in case of larger or heavily infested areas.



ARE THE PIRATES DANGEROUS TO HUMANS AND PETS?

No, they are completely harmless, do not sting or bite, and are hardly noticeable. They disappear on their own after the work is done.



HOW LONG DO STORAGE PIRATES REMAIN ACTIVE?

They stay active as long as they find food (e.g. insect larvae). Afterwards, they die or leave.



DO I NEED TO REMOVE THE PIRATES AFTER APPLICATION?

No, they disappear on their own as soon as there is no more food available.



WHERE AND HOW DO I PLACE THE PIRATES BEST?

Simply open the tubes in the infested area – e.g. behind furniture, in corners, cabinets or along the paths of the insects.



WHAT IS THE DIFFERENCE TO STICKY TRAPS?

Sticky traps are only for monitoring and early detection. Storage pirates fight the source of the infestation – the larvae – and thus prevent it from multiplying.



CAN I COMBINE STORAGE PIRATES WITH OTHER BENEFICIAL INSECTS?

Yes, they can be combined with, for example, predatory wasps – ideal in case of mixed infestation.



STORAGE:

The tubes must be placed directly after receipt. Intermediate storage is not recommended. If unavoidable, store only briefly between 4–8°C.



EFFECTIVENESS:

Each female can parasitize up to **60** beetle larvae.



PLACEMENT:

Place the tubes near the affected areas, and the wasps will take care of the rest.



IMPORTANT INFORMATION:

FAQ



HOW MANY TUBES DO I NEED?

Depending on the level of infestation: approximately 1 tube per room (up to 10 m²) – use more for larger or heavily infested areas.



ARE PARASITIC WASPS DANGEROUS TO PEOPLE AND PETS?

No, they are completely harmless, do not sting or bite and are barely visible. They disappear after doing their job.



HOW LONG DO PARASITIC WASPS STAY ACTIVE?

One delivery is effective for about 2–3 weeks, then no new wasps emerge. In case of heavy infestation, multiple deliveries 2–3 weeks apart are recommended.



DO I NEED TO REMOVE THE PARASITIC WASPS AFTER USE?

No, they disappear on their own once no more beetle larvae are available. They simply die or fly away.



CAN PARASITIC WASPS BE USED IN ALL ROOMS?

Yes, especially suitable for pantries, kitchens, food storage rooms, animal feed storage or cellars.



DO THEY HELP AGAINST MOTHS OR GROWN BEETLES AS WELL?

No, parasitic wasps only work against beetle larvae – not against moths or adult beetles.

