

Perti-Beetle

- Ready-to-use liquid product
- Kills darklings beetles, litter beetles, roaches and bed bugs in animal production houses
- Can be used in the presence of animals
- One 20L jug treats up to 500m² (i.e a 1000m² production house)

THE SOLUTION FOR



THE MOST COMMON INSECT PEST IN BROILER CHICKEN FARMING

- Litter beetles (*Alphitobius diaperinus*) and larvae cause significant losses (damage to structures, disease transmission)
- Difficult to reach: adults hide in walls and larvae burrow into the ground
- Beetles are vulnerable during migration periods:
 - When the temperature drops (after the animals leave)
 - When the temperature rises (when heating the building)

How Does It Work?

- Unique process that enhances the naturally insecticidal properties of plants
- Dual Mode of Action :



Physical :
by dissolving the insect's exoskeleton

Biological :
by selectively blocking insect neuroreceptors



Key Features

✓
New mode of action
without pesticides*

✓
Effective against all
stages (from egg to
adult)

✓
Effective on insects
resistant to permethrins

✓
Can be used in presence
of animals

✓
Approved for organic
agriculture**

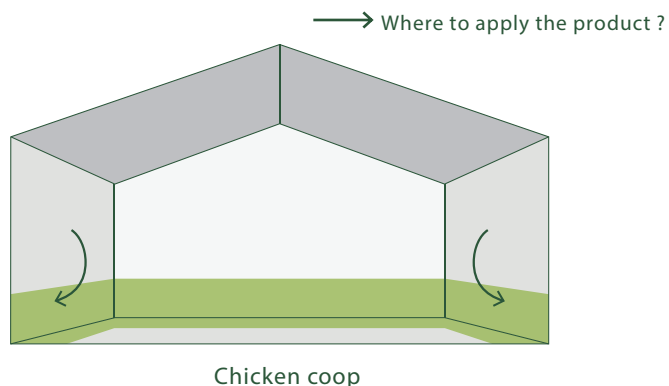
*Does not contain pesticides derived from synthetic chemistry according to European Regulation EC 1107/2009

**Compliant with current European Regulation

Ready-to-use eco-solution

Application	1 m ² (treated surface)	1000 m ² (500 m ² treated surface)
Spraying	40 ml	20 L

- **Apply as a band treatment:** Spray a 1m strip on the base of the walls, extending 50cm onto the bedding at the foot of the walls. Apply a 50cm strip under the feeders.
- **For severe infestations, make two applications:**
 - Just after the animals leave (within the hour following the departure of the animals at the end of the production cycle) and
 - Just before heating the building (within 3 to 6 hours before heating).
- **For light infestations:** a single application is sufficient just before heating the building.
- Wear gloves, protective clothing, and eye/face protection equipment.



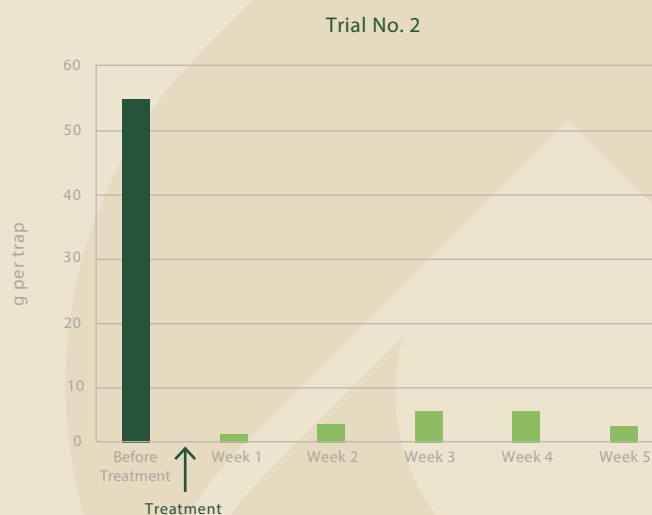
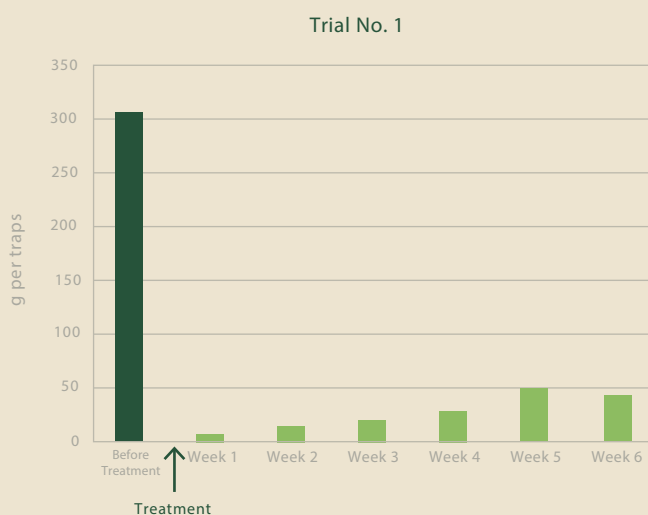
Composition

- Active biocidal substance (insecticide, TP18) Geraniol (CAS No. 106-24-1)... 0.5% w/w
- Contains: white mineral oil (petroleum) (CAS No. 8042-47-5), geraniol - may cause an allergic reaction.
- Net contents: 20L Container - Ready-to-use

Proven Performance

**Efficacy demonstrated by independent trials:
Reduces infestation by 80 to 90% for more than 6 weeks.**

Litter Beetle Efficacy Trials in Commercial Poultry Facilities



**No Need to Choose Between
What Works and What is Good
for the Planet.**