

Tested Quality & Compliance for Organic Farming

ADELE Mite-Free and GUSTAV Mite Stop carry the Blue Angel – the German Federal Government's eco-label for pest control (DE-UZ 34). As a biocide-free, resistance-proof and biophysical system, they meet the highest environmental and safety standards.



www.blauer-engel.de/uz34

FiBL



The system effectively protects the pest's classic main hosts from damage to their health – from **chickens** (laying hens, broilers, parent stock) to **turkeys, geese and ducks** through to **quails, pheasants and pigeons**.



Tiergesundheits Emsland®

HK-Enterprise GmbH – European Distribution

Ewald-Holt-Str. 8, 49716 Meppen, Germany

Phone +49 5931 599 22 57

Email: info@tiergesundheits-emsland.de

www.tiergesundheits-emsland.de



www.blauer-engel.de/uz34

Awarded the Blue Angel – the German Federal Government's eco-label for pest control (DE-UZ 34)

The proven biophysical system against poultry red mites reliably brings your poultry house to a stable, mite-free state – applicable with birds in the house, resistance-proof & biocide-free, for commercial poultry farms



www.tiergesundheits-emsland.de

✓ Application with birds in the house

✓ No need to remove the birds

✓ No interruption of egg production

✓ No loss of working time

By rendering the active, visible mite nests harmless – while damaging the mite eggs at the same time – and by sealing off the pathways to the roosting areas – the birds become noticeably calmer within a very short time.

Immediate action: Adult mite nests are rendered harmless immediately.

Egg damage: The mite eggs are damaged; the reproductive cycle is interrupted directly.

Long-term barrier: The lasting barrier prevents re-infestation.

Residue-free removal: Easily washed off with water.

STEP 1: Spray

1. Visible mite nests are rendered harmless immediately
2. Reproductive cycle of the mite eggs is stopped

STEP 2: Brush on

3. Seals the hidden nests to prevent re-infestation

ADELE MITE-FREE

ADELE Mite-Free works by blocking the mites' breathing openings. **A fine film forms – the mites suffocate immediately and the mite eggs are damaged; the reproductive cycle is stopped directly.**

GUSTAV MITE STOP

GUSTAV Mite Stop is a **hygroscopic liquid** – it **does not dry out and forms an insurmountable barrier**. It is applied to walkways, perch supports and crevices.

The remaining hidden mites crawl out of their hiding places at night – they can no longer reach the birds and die on contact with GUSTAV Mite Stop.



ADELE Mite-Free 10 L concentrate
makes **70 litres** of ready-to-use spray solution



GUSTAV Mite Stop 10 L
ready-to-use solution

Practical benefits:

1

Biophysical mode of action & immediate effect

- **No resistance development** thanks to the biophysical mode of action
- **Mite nests are rendered harmless immediately**
- **Damage to eggs/nits – the reproductive cycle is stopped immediately.**

Hygroscopic function: GUSTAV is a gel-like, hygroscopic liquid. It actively draws moisture from the house air, does not become resinous, does not encrust and does not dry out in the house climate.

2

House hygiene, water solubility & building fabric

- **Water-soluble & easy to wash off:** Both components are fully water-soluble. When cleaning before restocking, old deposits, bound dust and dead pests can be removed easily with water. No sticking or encrusting of residues in wood, plastic, cracks and crevices or metal. The house is hygienically reset to zero before every flock. **No greasy films or rancidity:** as the gel component is a hygroscopic liquid and not a standing oil, no sticky greasy films form on the house equipment. Plastics, paints, metals and seals are not attacked. **Odour-neutral** in the house air.

3

Legal certainty, evidence & audits

- **BAuA-confirmed biocide-free:** According to the REACH-CLP-Biocide Helpdesk of the German Federal Institute for Occupational Safety and Health (BAuA, ref. 720 34 04), the mode of action is purely physical. ADELE and GUSTAV are therefore not biocidal products within the meaning of the EU Biocidal Products Regulation (Regulation (EU) No 528/2012); no authorisation or notification is required in Germany.
- **Eco-label “Blue Angel” (DE-UZ 34):** The German Federal Government's eco-label for pest control.
- **FiBL-listed & Easy-Cert confirmed:** for organic farming. Compliant with the EU Organic Regulation and the standards of the organic farming associations (Demeter, Bioland, Naturland, Biokreis, Gäa, Bio Suisse).
- **Audit-friendly documentation:** The available product and certification documents support traceable documentation for KAT, QM-Geflügel and organic audits.

4

Occupational safety, health & animal welfare

- **No impairment of the plumage:** the birds' natural body oils are preserved. Skin and feathers do not dry out. **No protective clothing required:** neither respirator nor full protective suit; harmless on skin contact.

5

Cost-efficiency & routine integration

- **Easy application with birds in the house:** ADELE and GUSTAV can be applied directly during the daily house inspection.
- **High yield through targeted use:** as mite nests are sprayed selectively and perch supports brushed, material consumption remains very economical.
- **Immediate calm in the house:** by rendering the active mite nests harmless, damaging the mite eggs and sealing off the pathways to the roosting areas, noticeable calm returns to the flock immediately.