



Deltanex-Grain

Reg. No. / Nr. L10726 Act No. / Wet Nr. 36 of / van 1947

GROUP 3A | 27A INSECTICIDE

An emulsifiable concentrate contact and residual insecticide for the treatment of stored grain and stored grain insects.

’n Emulsifiseerbare konsentraat kontak en residuele insekdoder vir die behandeling van gebergde graan asook gebergde graan-insekte.

Active Ingredients / Aktiewe Bestanddele:

Deltamethrin (Pyrethroid) / Deltametrien (Piretroïed) 25 g/ℓ
Piperonyl Butoxide (synergist) / Piperoniel Butoksied (sinergis) 250 g/ℓ



Registered and Distributed by / Geregistreer en Versprei deur:

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Reg. No. 1961/001744/07

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BATCH NO.:

LOT NR.:

DATE OF MANUFACTURE: See printed information on container
VERVAARDIGINGSDATUM:

EXPIRY DATE:
VERVALDATUM:

UN NO.: 3351
VN NR.:

Content
Inhoud



IMPORTANT / BELANGRIK:
Read label before use /
Lees etiket voor gebruik



**CAUTION
VERSIGTIG**



WARNINGS:

- Handle with care.
- Poisonous by contact, swallowing and inhalation.
- Transient irritation of the skin, eyes and nasal membranes may be caused by **DELTANEX-GRAIN**.
- Toxic to fish, bees and wildlife.
- Keep out of reach of children, animals and uninformed persons.
- Store away from food and feedstuffs in a cool place.

PRECAUTIONS:

- Keep in original container, tightly closed in a safe place, under lock and key.
- Use only as directed.
- Do not use the product in the presence of persons with known sensitivity to pyrethroids.
- In the case of signs of sensitivity, obtain medical advice.
- Wear protective clothing while spraying and handling the product or diluted mixture.
- Avoid skin contact and wash immediately after accidental skin contact.
- Wash hands and face after use and wash contaminated clothing daily.
- Do not eat, drink, or smoke whilst mixing or applying or before washing hands and face.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container. Destroy the empty container and do not re-use for any other purpose.

DIRECTIONS FOR USE: Use only as indicated.

Surface treatments:

- Dilute 100 – 120 ml **DELTANEX-GRAIN** in 10 l water and apply the mixture to 200 m² by using any suitable hand, mechanical or electrically operated sprayer capable to produce a coarse droplet spray.
- Special attention should be given to cracks, crevices, and other insect harbourages.
- **Use on non-porous surfaces in barns, warehouses, and stores where grain is stored.**

Fogging & storage facilities:

- Close all windows and doors before applying the product.
- Use a suitable thermal fogging machine when using the product for thermal fogging.
- Apply the product preferably in the late afternoon (dusk) or in the early mornings (dawn).
- **DELTANEX-GRAIN** must be diluted with paraffin or diesel. The dilution rate is 1 l **DELTANEX-GRAIN** in 1 l paraffin or diesel.
- The mixture is applied at 1 l solution/4000 – 5000 m³.
- **DELTANEX-GRAIN** will also prevent Tropical Grain Moth eggs from hatching and control Lesser Grain Borer when used as a fogging solution.
- Treated facilities should be closed overnight.

Treatment of bag stacks:

- Treatment of bag stacks with **DELTANEX-GRAIN** will prevent contamination of the grain by invading insects.
- If the bagged grain is already contaminated, it should be fumigated before commencing with the treatment with **DELTANEX-GRAIN**.
- **DELTANEX-GRAIN** is diluted with water and sprayed onto bag stack surfaces using a suitable compression or motorized knapsack sprayer adjusted to deliver a coarse droplet spray.
- Dilute 60 – 100 mℓ **DELTANEX-GRAIN** in 10 ℓ water and apply to 100 m² of bag stack surfaces. **REPEAT EVERY THREE MONTHS.**

Direct treatment of Maize, Wheat, Rye, Oats & Sunflower in bulk storage:

1. Dilute 1 part of **DELTANEX-GRAIN** to 16,5 parts of water (600 mℓ to 10 ℓ) to give a mixture containing 0, 15 % m/v Deltamethrin.
2. Calibrate the spray equipment according to the following calculation to give a normal deposit of 0,75 ppm Deltamethrin on maize and small grain and 1,5 ppm on Sunflower.

$$\frac{\text{Grain-flow in tons/h} \times 76}{55} = \text{..... mℓ/10 sec}$$

Recommendation:

- Reduce the spray pressure to 1,5 bar and increase nozzle size to (at least) TX 12 to ensure that the spray reaches the grain, without loss to the atmosphere.
- With the correct equipment setting, a more effective application can be achieved with minimal exposure to the spray mist.

Seed Treatment:

- Dilute 5 mℓ **DELTANEX-GRAIN** with 1 ℓ suitable fungicide solution and apply this to 100 kg seed.
- **DELTANEX-GRAIN** is suitable for tank mix application with registered fungicide mixtures for seed treatment.