

BELT®

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS
BEFORE USING THIS PRODUCT PLEASE READ THE LABEL CAREFULLY

Reg. No. L8860 (Act No. 36 of 1947)
Namibian Registration No. N-AR 1375
Botswana Reg. No. W1301301 (Act. No. 18 of 1999)

A foliar applied non systemic suspension concentrate insecticide for the control of the insect pests mentioned on the crops listed.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L8860 (Wet Nr. 36 van 1947)
Namibiese Registrasie Nr. N-AR 1375

'n Blaartoegediende nie-sistemiese suspensie konsentraat insekdoder vir die beheer van die genoemde insekplae op die gewasse soos aangedui.

INSECTICIDE GROUP CODE 28 INSEKDODERGROEPKODE

Active ingredient:

Flubendiamide
(phthalic acid diamide).....480 g/l

Aktiewe bestanddeel:

Flubendiamide
(phthalic acid diamide).....480 g/l

REGISTERED BY / GEREISTREER DEUR:

Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
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Isando

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TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: 086 155 5777

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BATCH NUMBER: See on pack
LOTNOMMER:

DATE OF MANUFACTURE: Sien op houer
DATUM VERVAARDIG:

Bayer

RSA/1020/Belt 1L/Sales Panel
Code: ZA84937657G



BELT®

Insecticide

A foliar applied non systemic suspension concentrate insecticide for the control of the insect pests mentioned on the crops listed.

contains:
Flubendiamide
(phthalic acid diamide)

Packaging / Verpakking:

1 L



CAUTION
VERSIGTIG



Insecticide

WARNINGS:

BRASSICA VEGETABLES (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER): ALLOW 3 DAYS BETWEEN LAST APPLICATION AND HARVEST.

BRASSICA LEAFY VEGETABLES (CHINESE CABBAGE, MUSTARD): ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.

FRUITING VEGETABLES (CAPSICUM, CUCUMBERS, EGGPLANT, MELON, PEPPERS, PUMPKINS, SQUASH): ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.

HERBS: ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.

LEAFY VEGETABLES: (HEAD LETTUCE, LEAFY LETTUCE, ENDIVE, SPINACH): ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.

POTATOES: ALLOW 14 DAYS BETWEEN LAST APPLICATION AND HARVEST.

STALK and STEM VEGETABLES (CELERY, RHUBARB): ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.

TOMATOES: ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.

TOBACCO: ALLOW 14 DAYS BETWEEN LAST APPLICATION AND HARVEST.

NOTE: The recommended withholding period between last application and harvest meets local residue requirements but may not meet export requirements. If the treated crop is intended for the export market, consult the relevant exporting body before application of the product, regarding pre-harvest interval requirements.

Store in a cool place away from food, drink and animal feeding stuffs.

Keep out of reach of children, uninformed persons and animals.

Very toxic to aquatic life with long lasting effects.

Store in original tightly closed containers in a dry, cool and well ventilated agrochemical store. Avoid temperatures below -10°C and above 40°C.

Store in a place accessible by authorized persons only.

RE-ENTRY: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

AERIAL APPLICATION: Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. **Do not spray over or allow drift to contaminate adjacent areas or water.** Please refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

ALTHOUGH THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL SOIL, CLIMATIC AND STORAGE CONDITIONS; QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF THE PEST AGAINST THE REMEDY CONCERNED AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.



PRECAUTIONS:

Wear rubber gloves, goggles and standard overall when handling.

Do not inhale spray mist.

Wash with soap and water immediately after use or accidental contact.

Do not eat, drink or smoke whilst mixing and applying or before washing hands and face.

Wash contaminated clothing daily.

Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

Avoid spray drift onto other crops, grazing, rivers, and dams.

Rinse empty container three times with a volume water equal to at least one tenth of that of the container and add the rinsed water mixture to the contents of the spray tank before disposing of the container in the prescribed manner.

Destroy empty container by perforation and flattening and never use for any other purpose.

Prevent contamination of food, feedstuffs, drinking water, eating utensils.

RESISTANCE MANAGEMENT:

For resistance management, **BELT** is a group code 28 insecticide. Any insect population may contain individuals naturally resistant to **BELT** and other group code 28 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **BELT** or any other group code 28 insecticides.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For specific information on resistance management contact the registration holder of this product.

AERIAL APPLICATION: (Potatoes only)

Aerial application of **BELT** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:



- **Volume:** A spray mixture volume of 30 to 40 ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 25 to 35 droplets per cm² must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 280 to 300 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 meters above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable **atomising equipment** that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the **wingtip vortices**.
- The difference in **temperature** between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8 °C.
- Stop spraying if the **wind** speed exceeds 15 km/h.
- Stop spraying under **turbulent**, unstable and dry conditions during the heat of the day.
- Spraying under temperature **inversion conditions** (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

COMPATIBILITY:

BELT has not been tested for compatibility with other products registered for use on the following crops:

- **Brassica vegetables** (including broccoli, Brussels sprouts, cabbage, cauliflower, Chinese cabbage and mustard),
- **Fruiting vegetables** (including cucumbers, melons, pumpkin, squash, capsicum, eggplant and peppers),
- **Herbs**
- **Leafy vegetables** (including head lettuce, leafy lettuce, endive and spinach),
- **Stalk and Stem vegetables** (including celery and rhubarb).

Potatoes:

BELT is compatible with **Antracol® 70 WP** (Reg. No. L2065), **Folicur® 250 EW** (Reg. No. L3587), **Infinito®** (Reg. No. L8470), **Melody® Duo 69 WG** (Reg. No. L6714), **Melody® Duo 69 WP** (Reg. No. L8829), **No-Blite®** (Reg. No. L6681) and **Twist® 500 SC** (Reg. No. L7628), which are registered for use on potatoes.

Tomatoes:

BELT is compatible with **Antracol® 70 WP** (Reg. No. L2065), **Folicur® 250 EW** (Reg. No. L3587), **Milraz® 76 WP** (Reg. No. L2879), **No-Blite®** (Reg. No. L6681) and **Rovral Flo®** (Reg. No. L1046).

APPLICATION TABLE:

CROP/PEST	DOSAGE RATE	REMARKS
BRASSICA VEGETABLES Cabbage Diamond-back moth (<i>Plutella xylostella</i>)	50 mℓ/ha	Ensure proper coverage of the plants. Apply prior to or at first signs of infestation (egg laying). Repeat at 7-10 day intervals with a minimum of 3 sequential applications. Do not apply more than 4 times per season. Alternate with pesticides from a different chemical group if more than 4 applications are required.
American bollworm (<i>Helicoverpa</i> spp.)	75 or 100 mℓ/ha or 10 mℓ/100 ℓ water (Add a non-ionic surfactant at the registered rate)	Use the higher application rate during periods of moderate and high pest pressure or where extended spray intervals are used.

Insecticide

CROP/PEST	DOSAGE RATE	REMARKS
BRASSICA VEGETABLES Broccoli, Brussels sprouts, Cauliflower, Chinese cabbage, Mustard Diamond-back moth (<i>Plutella xylostella</i>) American bollworm (<i>Helicoverpa</i> spp.)	75 or 100 mℓ/ha or 10 mℓ/100 ℓ water	Monitor crops and commence insecticide applications once local economic spray thresholds are reached. Apply at egg hatch in crops with nil thresholds for damage. Otherwise, apply at or very soon after egg hatch to target young larvae. For tuber moth, commence sprays when young larvae are first detected in leaves.
FRUITING VEGETABLES Capsicum, Eggplant, Peppers: American bollworm (<i>Helicoverpa</i> spp.) Tuber moth (<i>Phthorimaea operculella</i>)	100 or 150 mℓ/ha or 10 or 15 mℓ/100 ℓ water	Use the higher application rate during periods of moderate and high pest pressure or where extended spray intervals are used.
FRUITING VEGETABLES (cucurbits) Cucumbers, Melons, Pumpkin, Squash: American bollworm (<i>Helicoverpa</i> spp.)	100 mℓ/ha	
HERBS Diamond-back moth (<i>Plutella xylostella</i>)	75 or 100 mℓ/ha or 10 mℓ/100 ℓ water	
Tuber moth (<i>Phthorimaea operculella</i>) American bollworm (<i>Helicoverpa</i> spp.)	100 or 150 mℓ/ha or 10 or 15 mℓ/100 ℓ water	Ensure thorough coverage of the target crop.
LEAFY VEGETABLES Head lettuce, Leafy lettuce, Endive, Spinach: American bollworm (<i>Helicoverpa</i> spp.) Fall armyworm (<i>Spodoptera frugiperda</i>)	75 or 100 mℓ/ha	The addition of an adjuvant will enhance efficacy of most spray applications of BELT . In brassica crops, a <u>suitable</u> adjuvant MUST be used when applying BELT .
STALK and STEM VEGETABLES Celery, Rhubarb: American bollworm (<i>Helicoverpa</i> spp.)	75 of 100 mℓ/ha	
POTATOES Tuber moth (<i>Phthorimaea operculella</i>) Tomato Leaf Miner (<i>Tuta absoluta</i>)	100 mℓ/ha	Ground and Aerial application: Ensure proper coverage of the plants. Apply prior to or at first signs of infestation (egg laying). Repeat at 7-10 day intervals with a minimum of 3 sequential applications. Do not apply more than 4 times per season. Alternate with pesticides from a different chemical group if more than 4 applications are required. Ridge at least twice during the growing season to ensure thorough coverage of the tubers with soil.



CROP/PEST	DOSAGE RATE	REMARKS
TOBACCO American bollworm (<i>Helicoverpa armigera</i>) Tomato Leaf Miner (<i>Tuta absoluta</i>)	13 mℓ/ 100 ℓ water and apply a minimum of 250 ℓ/ha	Scout for pests every 5-7 days at up to topping time. Apply BELT if there are more than 10 budworms per 100 plants. NB. On un-topped plants, ensure adequate spray penetration of the bud for optimum performance. Repeat the application at 7-10 day intervals depending on re-infestation and pest pressure.
TOMATOES American Bollworm (<i>Helicoverpa armigera</i>) Semi-Looper (<i>Chrysodeixis acuta</i>) Tomato Leaf Miner (<i>Tuta absoluta</i>)	15 mℓ/100 ℓ water	Ensure proper coverage of the plants. Apply as a high volume full cover spray (500 ℓ/ha for plants up to 60 cm high and 1000 ℓ or more for plants higher than 60 cm) prior to or at first signs of infestation (egg laying). Repeat at 7-10 day intervals with a minimum of 3 sequential applications. Do not apply more than 4 times per season. Alternate with pesticides from a different chemical group if more than 4 applications are required.

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