



ALPHA-CYPER 150 WG

Reg. No. L10603, Act No. 36 of 1947 | Reg. Nr. L10603, Wet Nr. 36 van 1947

Read the label before use
Keep out of reach of children and animals

A water dispersible granule containing 150 g/kg (15% w/w) alphacypermethrin for the control of cutworm in wheat and maize, African bollworm in wheat and maize, thrips in pears and leaf miner in potatoes.

'n Waterdispergeerbare korrel wat 150 g/kg (15% w/w) alfacypermetrien bevat vir die beheer van snywurm in koring en mielies, afrika bolwurm in koring en mielies, blaaspootjies in pere en blaarmyner in aartappels.

Danger

Hazard statements:

Harmful if swallowed.

Causes serious eye damage.

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects

Precautionary Statements:

Wash hands thoroughly after handling.

Do not eat, drink, or smoke when using this product.



IRAC Insecticide Group Code - 3

ACTIVE INGREDIENT:

Alpha-Cypermethrin 150g/kg

Registration Holder/

Registrasiehouer:

Sharda International Africa (PTY) LTD

Company Reg. No. 2010/002268/07

P O Box 82021, Southdale 2135.

Tel: 031-764 3011

IRAC Insekdodergroepkode

AKTIEWEBESTANDDEEL:

Alfa-Cypermetrien 150g/kg

BATCH NO. LOT NR.	
EXPIRY DATE VERVAL DATUM	

NET CONTENTS /
NETTO INHOUD

1Kg

UN No. 3082

Poison Information Helpline (24hrs):0861 555 777

WARNINGS

Allow the following number of days between last application and harvest or grazing of the crops listed below:

Maize	14 days
Pears	14 days
Potatoes	21 days
Wheat	30 days

- Harmful if swallowed.
- Causes serious eye damage.
- May cause damage to organs through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects
- Handle with care.
- Store in a cool place away from food, feeds, seed, fertilizers, and other agricultural chemicals.
- Keep out of reach of children, uninformed persons, and animals.
- In case of poisoning call a doctor and make this label available to him/her.
- Re-entry: Do not enter treated field within 1 day after application unless wearing protective clothing.
- Irritating to respiratory system.
- To protect bees and other pollinating insects do not apply during bloom. Do not apply in the presence of bees.

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 weeds 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 event of any uncertainty.

PRECAUTIONS

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash hands thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Wear eye protection/face protection
- Avoid release to the environment.
- IF SWALLOWED: Get medical help.
- IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical help if you feel unwell.
- Collect spillage.
- Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
- Do not inhale fumes or the spray mist.
- Do not eat, drink or smoke whilst mixing or applying the product or before waching hands and face and change of clothing.
- Wash contaminated clothing after use.
- In case of accidental contact with skin or eyes, flush with plenty of cold water and get medical attention if necessary.
- Prevent spray drift and/or contamination onto susceptible crops, grazing, rivers, dams, or any other areas not under treatment.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- TRIPLE RINSE empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- Never re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RELEVANT SUBSTANCES:

Component	%
Alpha Cypermethrin	< 25
Naphthalene sulfonic acid, methyl-, polymer with formaldehyde, sodium salt	< 20
Sodium diisopropylnaphthalenesulphonate	< 10

FIRST AID TREATMENT

- Skin contact: Remove contaminated clothing, shoes and leather goods immediately. Wash skin gently and thoroughly with non-abrasive soap and large amounts of water. Seek medical advice if necessary.
- Eye contact: Rinse eyes immediately with large amounts of gently flowing cold water or normal saline solution, for approximately 15 to 20 minutes. Occasionally lift the upper and lower lids. If irritation persists, get medical attention.
- Inhalation: Immediately remove source of contamination or move victim to fresh air. Perform artificial respiration and administer oxygen if necessary. Keep person warm and at rest. Seek medical advice immediately.
- Ingestion: Do not induce vomiting. Get medical attention immediately. Qualified medical personnel should perform administration of gastric lavage or oxygen.

NOTE TO PHYSICIAN No specific antidote. Treat symptomatically and supportively.

RESISTANCE WARNING

ALPHA-CYPER 150 WG is a group code 3 insecticide. Any weed population may contain individuals naturally resistant to **ALPHA-CYPER 150 WG** and other group code 3 insecticide. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **ALPHA-CYPER 150 WG** or any other group code 3 insecticide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same insecticide group code. Alternate or tank mix with products from different herbicide group codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes. For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE

Use only as directed

MIXING INSTRUCTION

Quarter fill the spray tank with clean water and begin agitation. Add the recommended quantity of **ALPHA-CYPER 150 WG** and complete filling. Continue agitation until spraying is complete. Apply without delay maintaining continuous agitation until spraying is complete. Do not leave overnight in tank.

GENERAL USE RESTRICTIONS

- Soil moisture influences the efficacy of **ALPHA-CYPER 150 WG** against cutworms. Because cutworms tend to feed sub-surface when the soil surface is dry, the pest will not come into contact with the product applied to the soil surface. Thus poor control of cutworms can be expected when planting in dry soil or if soil desiccates rapidly after planting. Ensure that the soil is moist to a depth of 5 cm at the time of application. If applied to dry soil, rain or irrigation within 3 days after application, must wet the soil to a depth of at least 5 cm.
- When controlling cutworms, apply only before crop emergence or in the seedling stage.
- Do not apply after rain or heavy dew.
- When using conventional high volume sprayer, use hollow cone nozzles that give medium to fine droplets.
- Use suitable equipment in good working condition that is correctly calibrated to ensure even distribution over the target area.

APPLICATION RATES

CROP AND PEST	DOSAGE	DIRECTIONS FOR APPLICATION
Maize Africa Bollworm <i>Helicoverpa armigera</i>	0.83 g per 100m row	Apply as soon as first signs of the pest as a full cover spray. Thorough wetting and penetration of the plants are important. (Refer to "Instructions for Application" above.) Ground application: Ensure that the row width permits ground application. Apply in minimum 3 liters water per 100 meter row length. Direct nozzles towards the cobs.
Cutworm <i>Agrotis sp.</i>	0.13g per 100m row	Apply either as a preventative, Pre-emergent or corrective, post-emergent treatment. Apply to a well-prepared seedbed, free of clods and excessive trash. Soil moisture is important for satisfactory cutworm control. Where reduced tillage practices are being used, the fields usually have high cutworm populations.
PEARS Thrips <i>Fraxiniella accidentalis</i>	3g/100 ℓ	Apply as a high-volume foliar spray of 1000ℓ/ha. Start application at 75% petal drop and repeat four weeks later. To prevent late season damage, a third spray can be applied four weeks after the second spray.
POTATO Leafminer <i>Liriomyza trifolii</i>	67g per 100 ℓ	Start application when pest or damage by pest is first noticed at 500-1000 ℓ/ha depending on plant size and density. Apply every 7-10 days. Maximum 3 applications per season.
WHEAT Cutworm <i>Argotic sp.</i>	0.13 g/3 ℓ water/100m row Or 100 g/ha in 300ℓ water	Apply either as a preventative, pre-emergent or corrective, post-emergent treatment. Apply to a well-prepared seedbed, free of clods and excessive trash. Soil moisture is important for satisfactory cutworm control. Where reduced tillage practices are being used, the fields usually have high cutworm populations.
Africa Bollworm <i>Helicoverpa armigera</i>	66.7g/ha	Apply when pest present itself as a full cover spray.