

Blok 300 WDG

Reg. No.: L 9954 Act/Wet No. 36 of/van 1947

A water dispersible granule insecticide with contact and stomach action for the control of pests mentioned on the crops as listed.

ACTIVE INGREDIENT

Indoxacarb (oxadiazine) 300 g/kg

IRAC INSECTICIDE GROUP CODE 22 A



DANGER

HAZARD STATEMENTS: Harmful if swallowed | Harmful if inhaled | May cause an allergic skin reaction | Causes damage to the heart, the blood and the nervous system through prolonged or repeated exposure | Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS: Do not breathe dust/fume/gas/mist/vapours/spray | Wash thoroughly after handling | Do not eat, drink or smoke when using this product | Use only outdoors or in a well-ventilated area | Collect spillage | Dispose of contents/container in accordance with local/regional/national regulations.

Registration holder: Green Island Investments (Pty) Ltd.

Co. Reg. No.: 2013/043963/07

P.O. Box 1822, Heidelberg 1438, South Africa

Tel: 078 737 9236

24 HR EMERGENCY NUMBERS

Griffon Poison Information Centre: +27 82 446 8946

24 Hr Transport / Spill emergency no:

(Hazcall24) +27 86 044 4411 (Typhoon Plant Protection)

Distributed by: Typhoon Plant Protection (Pty) Ltd.

Co. Reg. No.: 1998/006156/07, C/O Farm Vlakfontein

Corner of the R23 Benoni Road & R550, Nigel Road

Brakpan District, Heidelberg 1438, Gauteng, South Africa

Tel: 078 737 9236

Net Mass/Volume:

g

Expiry Date:

Batch No:

Date of Manufacture:

U.N. No. 3077

**Typhoon**
PLANT PROTECTION

READ LABEL IN DETAIL BEFORE OPENING THE CONTAINER. FOR FULL PARTICULARS, SEE ENCLOSED LEAFLET.
KEEP OUT OF REACH OF CHILDREN AND ANIMALS.



WARNINGS:**Withholding periods:**

Minimum time between the last application and harvest or feeding:	
Apples and Pears	28 days
Potatoes	0 days
Grapes (Table)	14 days
Grapes (Wine only)	28 days
Maize and Sweetcorn (grazing)	28 days
Maize and Sweetcorn	3 days
Stone Fruit (peaches, nectarines, and plums)	28 days
Tomatoes	1 day
Citrus	42 days

IMPORTANT NOTES ON MRL'S:

IN THE CASE OF CROPS INTENDED FOR EXPORT, CONFIRM WITHHOLDING PERIODS WITH THE RELEVANT EXPORT ORGANISATION. IF THIS PRODUCT IS USED ACCORDING TO THE RECOMMENDATIONS ON THIS LABEL, LOCAL MRL VALUES WILL NOT BE EXCEEDED. HOWEVER, GREEN ISLAND INVESTMENT (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED FRUIT EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.

HAZARD STATEMENTS:

- Harmful if swallowed.
- Harmful if inhaled.
- May cause an allergic skin reaction.
- Causes damage to the heart, the blood and the nervous system through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.

- **Do not** use treated crops for fodder and/or grazing purposes.
- Handle with care.
- Harmful if ingested, inhaled or by contact.
- May irritate skin and eyes.
- Toxic to fish and other aquatic organisms.
- Store in a cool, dry place away from food, feeds, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- **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 water of adjacent areas.

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 to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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:

PRECAUTIONARY STATEMENTS:

- **Do not** breathe dust/fume/gas/mist/vapours/spray.
 - Wash thoroughly after handling.
 - **Do not** eat, drink or smoke when using this product.
 - Use only outdoors or in a well-ventilated area. Collect spillage.
 - Dispose of contents/container in accordance with local/regional/national regulations.
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- Avoid inhalation of the spray mist.
 - Avoid eye and skin contact.
 - Wear a face mask and rubber gloves when handling, preparing and applying the spray mixture.
 - Wash with soap and water after use or in the event of accidental skin contact.
 - Wash contaminated clothing after use.
 - **Do not** eat, drink or smoke while mixing and applying the product, before washing hands and face and change of clothing.
 - Prevent drift onto other crops, grazing, rivers, dams or any other area not under treatment.
 - Clean the applicator thoroughly after use and dispose of the wash water where it will not contaminate food, grazing, rivers or dams.
 - Containers and packages must be completely emptied before being disposed of. Bury in an approved, designated landfill.
 - Destroy the container/bag by perforation and dispose of it in a safe way.
 - **Never** re-use the empty container/bag for any other purpose.
 - Prevent contamination of food, feeds, drinking water and eating utensils.

Related ingredients:

Substance name (IUPAC)	CAS - No.	Concentration % By weight
Indoxacarb (Active ingredient)	173584-44-6	30%
Koalinn Filler (disintegrating)	1332-57-7	60.7%

SYMPTOMS OF HUMAN POISONING:

May irritate the eyes, nose, throat and skin. Symptoms of exposure to the product include itching/scratchy throat, sneezing and coughing.

Accidental swallowing has caused nausea, vomiting, diarrhoea, headache, ataxia, confusion and fatigue in man.

- **If swallowed:** If swallowed, immediately contact a poison control centre, doctor or nearest hospital for treatment advice. Rinse mouth with water. **Do not** give anything by mouth to an unconscious person. **Do not** induce vomiting unless directed by a physician or a poison control centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth and administer water.
- **If in eyes:** Immediately flush eyes with clean water, holding eyelids apart for a minimum of 20 minutes. After 5 minutes check for and remove contact lenses, then continue rinsing eye. Obtain medical attention immediately if irritation persists.
- **If on skin or clothing:** Immediately remove contaminated clothing and wash skin, hair and fingernails thoroughly with soap and water. Flush skin with running water for a minimum of 20 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before re-use.
- **If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is laboured, give oxygen. Obtain immediate medical attention.

NOTE TO PHYSICIAN:

There is no specific antidote. Treat symptomatically.

RESISTANCE WARNING:

BLOK 300 WDG is a **group code 22 A insecticide**. Any insect population may contain individuals naturally resistant to **BLOK 300 WDG** and other **group code 22 A insecticides**. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **BLOK 300 WDG** or any other **group code 22 A insecticide**.

To delay insecticide resistance:

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes,
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

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

DIRECTIONS FOR USE: Use only as directed.

General information:

- **BLOK 300 WDG** acts by means of contact action (absorption through insect's cuticle) or stomach action due to ingestion. Although death of the pest may take 1 to 2 days to occur, feeding is inhibited within 2 to 8 hours after application.
- **BLOK 300 WDG** can be used against all larval instar (development) stages.
- **BLOK 300 WDG** does not control adult moths or butterflies.
- **BLOK 300 WDG** has no adverse effects on most advantageous predatory insects and/or predatory mite species.
- **Climatic conditions:** **BLOK 300 WDG** is effective under hot climatic conditions.
- **Bees:** If **BLOK 300 WDG** is applied according to the dosage rates as instructed on this label, no serious adverse effects are expected in Honey bees. **However, do not apply BLOK 300 WDG directly onto foraging Bees.**

The spray deposit should be allowed to dry before Bees are taken to the sprayed area.

Compatibility:

- **BLOK 300 WDG** is compatible with the surfactant **ASTRAND**.
- The compatibility of **BLOK 300 WDG** with other products may be influenced by several factors. As changing factors may vary, a physical compatibility test must always be performed before such a tank mixture is sprayed.
- When **BLOK 300 WDG** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on the relevant labels.

Mixing instructions:

- Half fill the spray tank with water and add the required amount of **BLOK 300 WDG** to the water, while agitating.
- Maintain agitation during mixing and application.
- The prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

General application directions:

At all times, use suitable, correctly calibrated equipment, in good working order, to ensure thorough wetting of all parts of the plant.

Aerial application:

Aerial application of **BLOK 300 WDG** may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 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 35 litres 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:** 35 to 45 droplets per cm² must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 250 to 280 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. **Do not** spray when aircraft dives, is in a climb or when banking.
- Use suitable **atomizing 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 atomizers 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 per hour.
- 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:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage),
 - b) 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.

Tuber moth control in potatoes:

- Apply a maximum of five (5) **BLOK 300 WDG** treatments per season. Apply as a “**Block spray programme**” (i.e. apply a registered product with a different mode of action after 2 to 3 consecutive **BLOK 300 WDG** applications).
- Ridge at least two (2) times during the season.
- Insufficient control of Tuber moth larvae will be obtained when **BLOK 300 WDG** is applied late in the season, when the crop's foliage is dying.
- African bollworm (*Helicoverpa armigera*) will also be controlled by **BLOK 300 WDG**.

APPLICATION RATES

IMPORTANT

Refer to “General information” above, especially with regard to Honey Bees.

COMPATIBILITY:

BLOK 300 WDG is compatible with adjuvants.

RAIN:

DO NOT apply if rainfall is expected within 2 hours of application.

MIXING INSTRUCTIONS:

Pour the correct quantity **BLOK 300 WDG** to 1/2 of the required water in the spray tank while agitating to form a homogenous emulsion. Fill the spray tank with rest of the water while agitating. When preparing a tank mixture: while agitating the spray tank water, add the products to ½ of the water in the following sequence - wettable powders, water dispersible granules such as **BLOK 300 WDG**, followed by suspension concentrates, and then emulsifying concentrates last. Top up the mixing tank with the required quantity of clean water whilst agitating. Agitate constantly before and during application. Use the spray mixture immediately, **do not** leave in spray tank for a length of time, e.g., overnight.

ADJUVANT:

Use with registered adjuvants if the fruit/product surface to be treated is waxy or difficult to wet.

APPLICATION DOSAGE RATES:

CROP AND DISEASE:	DOSAGE per 100 ℓ water:	REMARKS:
APPLES AND PEARS		IMPORTANT INFORMATION: Apply BLOK 300 WG as a full cover spray. Ensure thorough coverage of the whole tree. Resistance management: BLOK 300 WG should not be applied more than four (4) times per season. Alternate with registered insecticides with a different mode of action.
African/American Bollworm (larvae) <i>Helicoverpa armigera</i>	15 g BLOK 300 WDG per 100 ℓ water	African/American Bollworm (larvae): Apply as soon as eggs or young larvae are present, but before larvae enter the fruit. A follow-up application may be necessary 10 to 14 days later, depending on re-infestation of the pest.
Codling Moth (larvae) <i>Cydia pomonella</i>	25 g BLOK 300 WDG per 100 ℓ water	Codling Moth (larvae): First application at 75 % petal fall, at the onset of the first Codling moth generation. Apply as a spray-program, do not exceed 14-day intervals.
Banded Fruit Weevil (Snout Beetle) Fruit damage <i>Phlyctinus callosus</i>	25 g BLOK 300 WDG per 100 ℓ water	Banded Fruit Weevil: Commence application from 75 % petal fall onwards, or when weevils are observed in cardboard traps, or when feeding damage is observed on lower shoots. If infestation persists, follow up with a second application 14 to 21 days later. Do not apply more than two (2) BLOK 300 WDG applications per season against Banded fruit weevil. Apply an insecticide with a different mode of action if the Banded fruit weevil infestation persists after the second application.
CITRUS African bollworm larvae <i>Helicoverpa armigera</i>	30 g BLOK 300 WDG per 100 ℓ water	Commence spraying after 90 % petal fall at the first signs of Bollworm larvae presence. Apply as a light to medium cover spray (3 to 5 litres spray mixture per 1 m tree height above skirt). Target young in-star larvae. Ensure thorough coverage of the target area. NOTE Use BLOK 300 WDG as a single corrective spray against Bollworm.

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APPLICATION DOSAGE RATES: (Continued)

CROP AND DISEASE:	DOSAGE per 100 ℓ water:	REMARKS:
TABLE AND WINE GRAPES		IMPORTANT INFORMATION: Apply as a full cover spray at 1 000 -1 500 ℓ spray mixture per ha, depending on vine size and crop stage. Thorough and even coverage is essential. Do not exceed two (2) BLOK 300 WDG applications in total per season. Should any further control of the pest be required, use a product with a different mode of action.
African/American Bollworm (larvae) <i>Helicoverpa armigera</i>	15 g BLOK 300 WDG per 100 ℓ water	African/American Bollworm (larvae): Apply as soon as eggs or young larvae are present, but before larvae enter the fruit. A follow-up application may be necessary 10 to 14 days later depending on re- infestation of the pest.
Banded Fruit Weevil (Snout Beetle) <i>Phlyctinus callosus</i> Berry damage	20 g BLOK 300 WDG per 100 ℓ water	Banded Fruit Weevil (Snout Beetle): Commence application from 25 cm shoot length onwards or when weevils are first observed in cardboard traps or when first feeding damage is observed on lower shoots. The first occurrence of weevils (snout beetles) varies from area to area but can be expected from mid-October to mid-November. A follow-up application may be necessary 10 to 14 days later, depending on infestation.
Leafhoppers <i>Acia & Mgenia</i> spp.	20 g BLOK 300 WDG per 100 ℓ water	Leafhoppers: Apply as soon as leafhoppers are present and their numbers start increasing, usually at the beginning of January. A follow-up application may be necessary 10 to 14 days later depending on re- infestation of the pest. An application is recommended after harvest to decrease leafhopper numbers and transfer of the disease, Aster-Yellows. If two (2) BLOK 300 WDG applications were already applied before harvest, apply a registered pesticide from a different mode of action (IRAC) group, as a post-harvest application.

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APPLICATION DOSAGE RATES: (Continued)

CROP AND DISEASE:	DOSAGE per 100 ℓ water:	REMARKS:
False Codling Moth <i>Thaumatotibia leucotreta</i>	20 g BLOK 300 WDG per 100 ℓ water	False Codling Moth: Apply BLOK 300 WDG when moth catches in pheromone traps indicate an infestation of False codling moth. Further applications should be made at 10-day intervals if necessary. Always apply BLOK 300 WDG as part of an integrated pest management program (IPM). BLOK 300 WDG cannot provide season long control of False Codling Moth on its own.
		For optimum results, BLOK 300 WDG applications should therefore be combined with, or preceded by, other methods of False codling moth control for example: False codling moth mating disruption, biological control programs, good sanitation programs and effective insecticides.
POTATOES	Ground Spray 125 g BLOK 300 WDG per hectare	Ground spray: Apply in 500 – 1000 ℓ of water per hectare. Aerial application: Apply in minimum 30 ℓ water per hectare. IMPORTANT INFORMATION: Good coverage of all foliage is essential. The addition of an adjuvant at registered rates is recommended to improve coverage. Apply two (2) to three (3) BLOK 300 WDG applications consecutively (= block application) before changing to products with other modes of action. Use the shorter interval early in the growth season when plants are actively growing. Do not exceed five (5) applications per season with BLOK 300 WDG .
Potato Tuber Moth (larvae) <i>Phthorimaea operculella</i>	Aerial Application 150 g BLOK 300 WDG per hectare	Potato Tuber Moth (larvae): Apply as soon as the first symptoms of infestation (mines) appear on the leaves or when the presence of moths is observed. The presence of Potato tuber moth in and around the foliage is a good indication that an infestation will take place. Timing of subsequent applications should be based on regular scouting of potato fields. Ridge at least twice during growing season. Late applications of BLOK 300 WDG , once the potato plant's foliage is dying, will not lead to proper control of potato tuber moth larvae.

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POTATOES – APPLICATION DOSAGE RATES: (Continued)

CROP AND DISEASE:	DOSAGE per 100 ℓ water:	REMARKS:
Fall Armyworm (larvae) <i>Spodoptera frugiperda</i>	Ground Spray 125 g BLOK 300 WDG per hectare Aerial Application 150 g BLOK 300 WDG per hectare	Fall Armyworm (larvae): Apply at the beginning of infestation, at the first signs of damage when not more than 5 % of plants are damaged. Application is not recommended for control of worms larger than 1 cm. Worms (larvae) that have already tunneled into stems or spuds will not be controlled. BLOK 300 WDG can be applied in an 8 to 14 day interval programme under conditions of continuous re-infestation.
African/American Bollworm (larvae) <i>Helicoverpa armigera</i>		African/American Bollworm (larvae): BLOK 300 WDG will also control African/American bollworm (<i>Helicoverpa armigera</i>) larvae of all stages of development. Apply when the first larvae are observed
Potato Leaf Miner <i>Liriomyza huidobrensis</i> Potato Tuber Moth (larvae) <i>Phthorimaea operculella</i>	Ground Spray 125 g BLOK 300 WG per hectare PLUS Adjuvant	Potato Leaf Miner and Potato Tuber Moth (larvae): Apply in 400-600 ℓ water per ha and ensure good coverage of the foliage. Apply in a program that commences as soon as the first symptoms of infestation appear on the leaves and repeat at 7-day spray intervals. Refer to “Important Information” above

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TOMATOES Larvae of African boll-worm <i>Helicoverpa armigera</i> Larvae of Tomato semi-looper <i>Chrysodeixis acuta</i>	150 g/ha (15 g / 100 ℓ water if application volume exceeds 1000 ℓ spray mixture / ha)	IMPORTANT Refer to “Tuber moth control in potatoes” above. Apply as a preventative or early corrective treatment. Always ensure good coverage of all leaves. Ground application: Apply in 500 to 1000 litres water per hectare (500 to 1000 ml / 10 m²). Aerial application: Apply in at least 30 litres water per hectare. Apply when moths or first “mine tunnels” are observed on the leaves. Observations of moths that are active in the foliage indicate that an infestation may occur. Continue with regular scouting to determine when follow-up treatments must be applied. Refer to “Tuber moth control in potatoes” above, regarding the number of BLOK 300 WDG applications per season. When infestations recur continuously, it is recommended to apply BLOK 300 WDG at 8 to 14 day intervals. Apply at shorter intervals when plants are growing actively early in the season.
STONE FRUIT (peaches, nectarines and plums)		IMPORTANT INFORMATION: Apply as a full cover spray at 500 – 2 000 ℓ spray mixture per ha, depending on tree size and crop stage. Thorough and even coverage is essential. Do not exceed two (2) BLOK 300 WDG applications in total per season. Should any further control of the pest be required, use a product with a different mode of action.
African/American Bollworm (larvae) <i>Helicoverpa armigera</i>	15 g BLOK 300 WDG per 100 ℓ water	African/American Bollworm (larvae): Apply early when eggs or larvae are present, but before larvae enter the fruit. A follow-up application may be necessary 10 to 14 days later depending on re- infestation of the pest.
False Codling Moth <i>Thaumatotibia leucotreta</i>	20 g BLOK 300 WDG per 100 ℓ water	False Codling Moth: Apply BLOK 300 WDG when moth catches in pheromone traps indicate an infestation of False codling moth. Further applications should be made at 10 day intervals if necessary. Always apply BLOK 300 WDG as part of an integrated pest management program (IPM). BLOK 300 WDG cannot provide season long control of False codling moth on its own. For optimum results BLOK 300 WDG applications should be combined with, or preceded by, other methods of False codling moth control for example: False codling moth mating disruption, biological control programs, good sanitation programs and effective insecticides

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STONE FRUIT – APPLICATION DOSAGE RATES: (Continued)

CROP AND DISEASE:	DOSAGE per 100 ℓ water:	REMARKS:
Banded Fruit Weevil (Snout beetle) Fruit damage <i>Phlyctinus callosus</i>	20 g BLOK 300 WDG per 100 ℓ water	Banded Fruit Weevil: Commence application from 75% petal fall onwards, or when weevils are observed in cardboard traps, or when feeding damage is observed on lower shoots. A second application may be required 14 to 21 days later if infestation persists.
Oriental Fruit Moth (larvae) <i>Grapholita (Cydia) molesta</i>	20 g BLOK 300 WDG per 100 ℓ water	Oriental Fruit Moth: Apply BLOK 300 WDG between 278 and 333 degree days after each biofix (Biofix - the start of each moth generation). Applications must be carefully timed and applied before newly hatched larvae can tunnel into shoots or fruit
MAIZE, including Sweetcorn Fall Armyworm (larvae) <i>Spodoptera frugiperda</i>	150 g BLOK 300 WDG per hectare	IMPORTANT INFORMATION: Do not apply BLOK 300 WDG on maize that are under drought stress. Under conditions of continuous re-infestation, include BLOK 300 WG in a 7 day interval spray programme. Only two (2) BLOK 300 WDG applications can be made per season. The two BLOK 300 WDG applications can be made consecutively, after which an insecticide with a different mode of action must be used. The addition of a suitable adjuvant, at the registered rates, may enhance efficacy when applied with ground or aerial application. Apply BLOK 300 WDG in a preventative program or when economical thresholds are reached. Apply at the beginning of infestation and at the first signs of damage, when no more than 5 % of the plants have larvae smaller than 1 cm (economical threshold). Application is NOT recommended for control of worms larger than 1 cm. NB: Application must be done before larvae migrate into the cobs. Larvae that are already deep within the beard, or have migrated into the cobs, will not be controlled.

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MAIZE – APPLICATION DOSAGE RATES: (Continued)

CROP AND DISEASE:	DOSAGE per 100 ℓ water:	REMARKS:
MAIZE, including Sweetcorn Fall Armyworm (larvae) <i>Spodoptera frugiperda</i>	150 g BLOK 300 WDG per hectare	GROUND APPLICATION: Apply in a minimum of 450 ℓ water per hectare. Apply over the funnel of the plants and ensure thorough coverage of the foliage. To ensure optimum results, application must take place early in the morning when dew is present. The absence of rain or irrigation within 3 days after application can lead to a decrease in control with BLOK 300 WDG. Water after application is essential to wash the spray mixture into the funnel. AERIAL APPLICATION: • Apply in at least 30 ℓ water per hectare APPLICATION WITH PIVOT IRRIGATION SYSTEM: Ensure that the pivot irrigation system complies with the following specifications before application starts: • The distribution coefficient of the pivot irrigation system must be > 90 %, and the pivot should not apply more than 5 mm (50 000 ℓ) per hectare at maximum speed. • Clean all the sieves of the pivot irrigation system before starting application. Calibrate the injection pump of the pivot irrigation system according to the time it takes for the pivot irrigation system to complete one full circle. Set the pivot irrigation system to maximum speed so that as little water as possible (not more than 5 mm (50 000 ℓ) is applied per hectare. Mix the BLOK 300 WDG with water in the application tank. Stir the spray mixture continuously before and during application. Inject the BLOK 300 WDG spray mixture into the main application line of the pivot irrigation system as soon as the irrigation system reaches maximum speed. Mark the position on the land when the spray mixture reaches the furthest end of the pivot irrigation system. Allow the pivot irrigation system to complete one full circle from the aforementioned point. Do not irrigate within 6 hours after an BLOK 300 WDG application. When BLOK 300 WDG is applied through a center pivot irrigation system, the addition of an adjuvant is not necessary. If, however, an adjuvant is to be added, use a mineral oil type adjuvant at registered rates.
WARNING: MAIZE APPLICATIONS: The risk of Arrested Ear Syndrome (Blunt Ear Syndrome) increases dramatically when any applications (crop protection products, fertilisers, foliar feeds, adjuvants, etc.) are made between the V10 – VT (10th leaf collar – cob tassel emergence) growth stages of maize plants. Applications between the V10 – VT growth stages of the crop must be avoided as far as possible.		