

HARVEST PENCONAZOLE 200EW

Distributed by: Harvest Chemicals
 Registration Holder/Registrasiehouer Harvest Crop Solutions (Pty)Ltd.
 Reg.No. 2014/187205/07
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HARVEST
 CHEMICALS



An emulsion oil in water systemic fungicide for the control of diseases as listed on this label.

'n Emulsie olie in water sistemiese swamdoder vir die beheer van siektes soos aangedui op hierdie etiket.

UN 3082

Batch No	Reg. No. L 11009, Act No 36 of 1947.	Reg Nr L 11009, Wet Nr. 36 van 1947	Lot Nr
<input type="text"/>	FUNGICIDE GROUP CODE	3	SWAMDODER GROEP KODE
Date of manufacture	Active Ingredient: 200g/ℓ penconazole (triazole)	200g/ℓ	Aktiewe Bestandeel:
<input type="text"/>	Netto Volume	5 ℓ	Netto Volume
			Vervaardigingsdatum
			<input type="text"/>



CAUTION
 VERSIGTIG



WARNINGS

Minimum number of days (withholding period) between last application and harvest to ensure that residues do not exceed local Maximum Residue Limits (MRL):

Apples and pears	14 days	
Table and wine grapes	14 days	

- Handle with care.
- Keep out of reach of children, uninformed persons and animals.
- Harmful if swallowed, inhaled, or absorbed through the skin.
- May irritate the skin and eyes.
- Should poisoning be suspected, consult a doctor and present this label to him/her.
- Toxic to fish and aquatic organisms.
- Prevent contamination of dams, rivers and any water body.
- **FLAMMABLE:** Keep away from heat and flame.
- Store in the original container under lock and key, tightly closed and away from sun and damp in a well ventilated cool area (20°C). Avoid storage temperatures below 10°C and above 35°C.
- Store away from food, feed and seed.
- Re-entry: Do not enter the treated field until the spray deposit has dried unless wearing protective clothing.
- Aerial application: Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warning. Do not spray over or allow drift to contaminate water or adjacent areas.



Although this fungicide has been tested extensively under a wide range of conditions, the registration holder does not warrant that it will be efficacious under every possible condition because the action and effect thereof may be affected by factors such as abnormal soil, climate 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, timing and accuracy of the 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:

- Wear protective clothing when handling the concentrate (face shield, rubber boots, gloves).
- Do not inhale fumes or spray mist.
- Avoid contact with skin and eyes.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing after use.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent the drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- 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 in the prescribed manner. Destroy the empty container by perforation and flattening and never use for any other purpose.
- Clean application equipment after use and dispose of waste water in safe and responsible manner.

FIRST AID TREATMENT

- Remove patient away from source of poisoning (to a well-ventilated, cool area) and keep patient reassured and quiet.
- All contaminated clothing must be removed, and the contaminated body area properly washed with plenty of clean, soapy water. Don't rub hard on the area of affected skin.
- If eyes are contaminated rinse eyes out with clean water for at least 15 min.
- If swallowed, do not induce vomiting. Seek medical attention immediately and show this container or label to the physician.

RESISTANCE WARNING

HARVEST PENCONAZOLE 200 EW is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **HARVEST PENCONAZOLE 200 EW** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. **HARVEST PENCONAZOLE 200 EW** or any other group code 3 fungicide may not control these resistant fungi.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code.
- Use alternative products or tank mix with products from different fungicide group codes – refer to the individual product labels.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.
- Where repeated applications are required **HARVEST PENCONAZOLE 200 EW** should be applied in 2 blocks of 2 applications each alternated with non-cross resistant fungicides.
- For applicable information on resistance management contact the registration holder of this product

GENERAL

- **HARVEST PENCONAZOLE 200 EW** must always be applied as a full cover spray.
- Never reduce the dosage rates or extend the spray intervals beyond what the label recommends.
- Never use **HARVEST PENCONAZOLE 200 EW** after the unsuccessful application of any product as a corrective or curative treatment.

USE RESTRICTIONS ON APPLES AND PEARS

- Always apply **HARVEST PENCONAZOLE 200 EW** in combination with unrelated broad spectrum fungicides for scab control.
- These combinations are recommended in a preventative spray programmes where and during periods when conditions are favourable for the development of scab.
- During the month of December it is recommended to change to a preventative contact fungicide spray programme.
- If in doubt, consult a representative of **Harvest Crop Solutions (Pty) Ltd** or a distributor of the product.

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





CROP-DISEASE RECOMMENDATIONS:

HARVEST PENCONAZOLE 200 EW is a local systemic fungicide with acro-petal movement within the plant.

When applied in a protective spray programme **HARVEST PENCONAZOLE 200 EW** effectively controls powdery mildew in the following crops:

Powdery mildew (*Oidium tuckeri*) in table and wine grapes and powdery mildew (*Podosphaera leucotricha*) in apples. It is also effective in the control of apple scab (*Venturia inaequalis*) in apples, as well as pear scab (*Venturia pirina*) in pears.

DIRECTIONS FOR USE: USE ONLY AS INDICATED.

Compatibility

HARVEST PENCONAZOLE 200 EW compatibility with other products is influenced by the formulation of the products involved and the quality of the spray water. It is advised that a physical compatibility test always be carried out prior to application. **HARVEST PENCONAZOLE 200 EW** is compatible with Mancozeb 800 WP, and other commonly used fungicides, insecticides and foliar feeds normally used on the various crops for which **HARVEST PENCONAZOLE 200 EW** is registered.

Mixing instructions

- Shake the **HARVEST PENCONAZOLE 200 EW** container thoroughly before pouring.
- Half fill the spraying tank with clean water, add the required amount of **HARVEST PENCONAZOLE 200 EW** to the water to form an emulsion.
- Ensure thorough agitation of the mixture in the spray tank during mixing and spraying.
- Replace cap after pouring **HARVEST PENCONAZOLE 200 EW** into the tank.
- When a wettable powder is sprayed as a tank mix with **HARVEST PENCONAZOLE 200 EW** the wettable powder should be mixed first and agitated until dissolved before adding the **HARVEST PENCONAZOLE 200 EW** to the spray tank, then fill to its final volume with clean water.
- Mixtures must be sprayed out immediately and not allowed to stand in the spray tank.

Application techniques

- 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.

Ground application

Apply in 300 – 500ℓ water/ha and use low spray pressure (100-200kPa) to avoid spray drift. Even application with complete coverage is essential for good results.

HARVEST PENCONAZOLE 200 EW may be applied with conventionally used high-volume spray equipment. Nozzles should be fitted with hollow cone tips to ensure medium to fine droplets. Ensure that the correct dosage rate per hectare is applied by calibrating spray equipment before application. Ensure that an even spray droplet distribution on the target area is achieved.

Aerial application

HARVEST PENCONAZOLE 200 EW may only be done as an aerial application 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 during application the spray mixture is distributed evenly over the target area and that the loss of spray material is restricted to a minimum. It is therefore essential to meet the following criteria:

- **Volume:** It is recommended that a spray mixture volume of 30ℓ per hectare is used. 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. Fine droplets less than 150 microns (high drift and evaporation potential) to be limited to a minimum.
- **Flying height:** The height of the spray boom to be maintained at 3 to 4 metres above the target. When the aircraft dives, is in a climb or when banking, do not spray.
- Suitable atomising equipment is to be used 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.
- All the atomisers to be positioned within the inner 60 to 75 % of the wingspan to prevent droplets from entering the **wingtip vortices**.
- The difference in **temperature** should not exceed 8°C between the wet and dry bulb thermometers, of a whirling hygrometer.
- 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 when temperature **inversion conditions** exist (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.





CROP/DISEASE	DOSAGE RATE/100 WATER	REMARKS
Apples Powdery mildew <i>(Podosphaera leutricha)</i> Scab <i>(Venturia inaequalis)</i> Pears Scab <i>(Venturia pirina)</i>	Ground application: 12,5mℓ + 75g Mancozeb 800 WP	Apply as a full cover spray or alternatively according to the TRV Formula (refer to Comments below). Commence application at greentip and apply in a programme at 7 day intervals up to the end of blossoming. Apply at 14 day intervals during the post-blossom stages. Do not apply more than 4 applications of HARVEST PENCONAZOLE 200 EW within one growing season.

Comments:

- Ensure that the correct quantity of fungicide is always applied per hectare - calculated from the tree row volume formula (see further down).
- Post infection applications (scab) - **HARVEST PENCONAZOLE 200 EW** broad spectrum fungicide combinations may be used curatively to supplement a preventive contact fungicide spray programme when adequate and reliable disease prediction systems are used. Apply within 4 days of the onset of an infection period.
- High volume - the water volume to be applied per h/a must be calculated according to the TRV (tree row volume) formula.

$$\ell/\text{ha} = \frac{\text{Tree height} \times \text{tree diameter} \times 937}{\text{Row width}}$$

The TRV calculations is the water volume required when the trees are in full leaf. Use the water volume required per hectare to calculate the amount of **HARVEST PENCONAZOLE 200 EW** required per h/a according to the various growth stages of a tree during the season.

Water requirements per h/a as recommended according to the different growth stages of a tree

Growth stage	% High volume water requirement/ha
From green tip to approx. 30% blossom	60%
From approx. full blossom to approx. middle November	80%
From approx. beginning of December	100%

- Low volume - when **HARVEST PENCONAZOLE 200 EW** is applied as a low volume spray, always ensure that the correct amount of product as calculated for the high-volume requirement is applied per hectare.

CROP/DISEASE	DOSAGE RATE/100 WATER	REMARKS
Table and wine grapes Powdery mildew <i>(Oidium tuckeri)</i>	Ground application 15mℓ/100ℓ water or 22,5mℓ/100ℓ water	Apply as a full cover spray. Apply at 10-14 day intervals or 18-21 day intervals in a programme spray schedule. Spraying must commence when the first shoots are 100-250mm long and treatment must be repeated as per spray intervals above. If the spray interval exceeds 14 days, use the higher rate. Spray volume for tractor application: Wine grapes - increase the spray volume progressively from 250 ℓ/ha to reach 1000 ℓ/ha at pea-berry stage and repeat at this rate for the remainder of the season. Table grapes - the spray volume should be increased progressively from 500 ℓ/ha to 1 200 ℓ/ha. Do not exceed 4 applications of HARVEST PENCONAZOLE 200 EW in one growing season.





CROP/DISEASE	DOSAGE	RECOMMENDATIONS/REMARKS
<p>Stone Fruit (Peaches & Nectarines) American bollworm (larvae) <i>Helicoverpa armigera</i></p>	<p>FOLIAR APPLICATION: 15 g/100 ℓ water</p>	<p>Apply as a full cover spray at 500-2000 ℓ spray mixture per ha. Apply preventively or 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. Thorough coverage is essential. Do not exceed 2 applications in total per season on crop.</p> <p>Bee safety: HARVEST INDOXACARB 300 WG is safe to bees, but do not apply directly onto foraging bees.</p> <p>Allow 28 days between last application and harvest.</p> <p>Note: The withholding period, i.e. the number of days between last application and harvest meets local maximum residue limits (MRL's), but may not necessarily meet all those for export.</p>
<p>Cucurbits (pumpkins, squash, watermelons, muskmelons, baby marrows, patty pans and cucumbers)</p> <p>American bollworm (larvae) <i>Helicoverpa armigera</i></p>	<p>FOLIAR APPLICATION: 125 g/ha</p>	<p>Apply as a full cover spray at 500-2000 ℓ spray mixture per ha. Ensure thorough coverage of the whole tree. 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 necessary 14 to 21 days later if infestation persists. Do not apply more than 2 HARVEST INDOXACARB 300 WG applications in total per season on the crop. Should a third application be needed, make use of a different registered insecticide.</p> <p>Allow 28 days between last application and harvest.</p> <p>Note: The withholding period, i.e. the number of days between last application and harvest meets local maximum residue limits (MRL's), but may not necessarily meet all those for export.</p> <p>PREVENTIVE / CORRECTIVE APPLICATION:</p> <ul style="list-style-type: none"> • Apply in 300-600ℓ of water per hectare and ensure thorough coverage of the head, where the larvae feed. Make use of hollow or full cone nozzles. • Use the higher application rate when applied correctively. Use the lower rate for subsequent applications when applied in a regular programme. • DIAMOND-BACK MOTH AND CABBAGE WEB WORM: It is important to commence application shortly after transplant before or when the first eggs or very first larvae appear. Diamond-back moth and Cabbage web worm are most damaging at the early crop stage. Under conditions of continuous re-infestation use in a programme, at 7 to 10 day intervals, but do not exceed 5 applications per season with HARVEST INDOXACARB 300 WG. Use the shorter interval early in the growing season when plants are growing actively. • AMERICAN BOLLWORM AND CABBAGE WHITE BUTTERFLY: Apply correctively when needed. • The alternation of HARVEST INDOXACARB 300 WG with products having a different mode of action is recommended. However, apply 2 to 3 HARVEST INDOXACARB 300 WG applications consecutively (= block application) before going over to products with other modes of action. It is important not to apply more than 5 sprays of HARVEST INDOXACARB 300 WG per season. • HARVEST INDOXACARB 300 WG will on contact control larvae of all stages of development. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • The addition of an adjuvant / wetter e.g. Agral 90 (Reg. No. L2987 Act No. 36 of 1947) at 100 ml/100 ℓ of spray mixture is essential to improve coverage. • The cruciferae crop can be harvested 3 days after application.
<p>Tomatoes American bollworm (larvae) <i>Helicoverpa armigera</i></p> <p>and</p> <p>Tomato semi-looper (larvae) <i>Chrysodeixis acuta</i></p>	<p>FOLIAR APPLICATION: 150 g/ha</p> <p>(when applying >1000 ℓ spray mixture per ha, use 15 g/100 ℓ water)</p>	<p>It is important to commence application shortly after transplant before or when the first eggs or very first larvae appear. Diamond-back moth and Cabbage web worm are most damaging at the early crop stage. Under conditions of continuous re-infestation use in a programme, at 7 to 10 day intervals, but do not exceed 5 applications per season with HARVEST INDOXACARB 300 WG. Use the shorter interval early in the growing season when plants are growing actively.</p> <ul style="list-style-type: none"> • AMERICAN BOLLWORM AND CABBAGE WHITE BUTTERFLY: Apply correctively when needed. • The alternation of HARVEST INDOXACARB 300 WG with products having a different mode of action is recommended. However, apply 2 to 3 HARVEST INDOXACARB 300 WG applications consecutively (= block application) before going over to products with other modes of action. It is important not to apply more than 5 sprays of HARVEST INDOXACARB 300 WG per season. • HARVEST INDOXACARB 300 WG will on contact control larvae of all stages of development. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • The addition of an adjuvant / wetter e.g. Agral 90 (Reg. No. L2987 Act No. 36 of 1947) at 100 ml/100 ℓ of spray mixture is essential to improve coverage. • The cruciferae crop can be harvested 3 days after application.
<p>Potato tuber moth (leaf miner larvae) <i>Phthorimaea operculella</i></p>	<p>FOLIAR APPLICATION: 150g/ha</p> <p>(when applying >1000 ℓ spray mixture per ha, use 15 g/100 ℓ water)</p>	<p>EARLY CORRECTIVE / PREVENTIVE APPLICATION:</p> <ul style="list-style-type: none"> • Apply in 250-750 ℓ water per ha depending on the specific cucurbit species and crop stage. Ensure thorough even coverage of the foliage. • Apply preventively at flowering or when the first bollworm eggs or small larvae are observed following regular scouting during flowering / fruitset stages. It is important to take into consideration that even slight bollworm feeding damage on the flowers of cucurbit crops may result in significant yield losses. • A follow-up application 7 to 10 days later will normally be necessary if the first application is made at the early flowering stage or under conditions of continuous reinfestation. • Although HARVEST INDOXACARB 300 WG will control larvae of all stages of development, including large 5th instar larvae, larvae that have penetrated the fruits or are obscured by dense foliage during application may not be adequately controlled. It is therefore essential to ensure thorough coverage of the foliage. Do not exceed 2 applications of HARVEST INDOXACARB 300 WG per season. Should a third application be needed, use a product with a different mode of action. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. <p>CORRECTIVE APPLICATION:</p> <ul style="list-style-type: none"> • Apply in 500-1500 ℓ of water per hectare. Good coverage of all foliage is essential. • Apply when the first larvae are observed – normally around the fruit set stage of the crop. HARVEST INDOXACARB 300 WG will control larvae of





CROP/DISEASE	DOSAGE	RECOMMENDATIONS/REMARKS
<p>Potatoes Potato tuber moth (larvae) <i>Phthorimaea Operculella</i></p>	<p>FOLIAR APPLICATION: 125 g/ha</p> <p>AERIAL APPLICATION: 150 g/ha</p>	<p>PREVENTIVE / EARLY CORRECTIVE APPLICATION:</p> <ul style="list-style-type: none"> • Ground spray: Apply in 500-1000 ℓ of water per hectare. Good coverage of all foliage is essential. • Aerial application: Apply in minimum 30 ℓ water per hectare. • 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 these moths in and around the foliage is normally a good indication that an infestation will take place. • Timing of subsequent applications should be based on regular scouting of potato fields. • HARVEST INDOXACARB 300 WG can be applied in an 8 to 14 day interval programme under conditions of continuous re-infestation. Use the shorter interval early in the growth season when plants are actively growing. • Do not exceed 5 applications per season with HARVEST INDOXACARB 300 WG. The alternation of HARVEST INDOXACARB 300 WG with products having a different mode of action is recommended. Apply 2 to 3 HARVEST INDOXACARB 300 WG applications consecutively (= block application) before going over to products with other modes of action. • HARVEST INDOXACARB 300 WG will also control American bollworm (<i>Helicoverpa armigera</i>) larvae. For details on the corrective application of HARVEST INDOXACARB 300 WG against this pest, refer to TOMATOES above. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • Ridge at least twice during growing season. • Late applications of HARVEST INDOXACARB 300 WG once the potato plant's foliage is dying down will not lead to proper control of potato tuber moth larvae. • The addition of a wetter e.g. Agral 90 (Reg. No. L2987) at 50 mL/100 ℓ of spray mixture, or H&R Crop Oil at 500 mL/ha, is recommended to improve coverage. • The potato crop can be harvested at any time following HARVEST INDOXACARB 300 WG application.
<p>Potato leaf miner <i>Liriomyza huidobrensis</i></p> <p>Potato tuber moth (larvae) <i>Phthorimaea operculella</i></p>	<p>FOLIAR APPLICATION: 125 g STEW</p> <p>PLUS 500 mL abamectin 18 g/ℓ EC</p> <p>PLUS 500 mL H&R Crop Oil per ha</p>	<p>PREVENTIVE / EARLY CORRECTIVE APPLICATION:</p> <ul style="list-style-type: none"> • Mix HARVEST INDOXACARB 300 WG in an appropriate amount of water and add to the half filled spray tank with water. • Mix HARVEST INDOXACARB 300 WG in an appropriate amount of water and add to the half filled spray tank with water. • Mix the abamectin 18 g/ℓ EC and H&R Crop Oil in at least 10 ℓ of water separately before it is added to the rest of the spray mixture in the spray tank. Refer to abamectin 18 g/ℓ EC label for complete mixing instructions. • 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. • Do not exceed 5 applications per season with HARVEST INDOXACARB 300 WG. The alternation of HARVEST INDOXACARB 300 WG with products having a different mode of action is recommended. Apply 2 to 3 HARVEST INDOXACARB 300 WG applications consecutively (= block application) before going over to products with other modes of action. • HARVEST INDOXACARB 300 WG will also control Potato tuber moth (<i>Phthorimaea operculella</i>) larvae. For details on the preventive / early corrective application of HARVEST INDOXACARB 300 WG against this pest, refer above. • Potatoes can be harvested 14 days after the application of HARVEST INDOXACARB 300 WG PLUS abamectin 18 g/ℓ EC tank mixture.
<p>Tobacco Potato tuber moth (tobacco leaf miner) <i>Phthorimaea operculella</i></p>	<p>FOLIAR APPLICATION: 35 g/100 ℓ water (87,5-105 g/ha) + 50 mL Agral 90 per 100 ℓ water</p>	<p>FIELD TREATMENT: After transplanting into the field during the establishment phase of tobacco.</p> <ul style="list-style-type: none"> • Apply 250-300 ℓ spray mixture per ha. • Follow a preventive spray programme at all times. • Apply at 7 to 10 day intervals. • The first application must be done 2 to 3 days after transplanting. Use the shorter interval under conditions of heavy infestation pressure. • Apply the first and second applications, directed as band applications, over the top of the plants making sure that all the foliage is thoroughly covered – especially the lower third of the plants, as this is where tobacco leaf miner infestation is most severe. • From the third to fourth application onwards it is advised that the plants be treated from both sides. A boom fitted with drop arms with nozzles spraying towards each other is recommended in order to improve coverage. Increase the spray volume as the plants grow. • Do not exceed 4 applications per season with HARVEST INDOXACARB 300 WG. The alternation of HARVEST INDOXACARB 300 WG with products having a different mode of action is recommended. Apply 2 to 3 HARVEST INDOXACARB 300 WG applications consecutively (= block application) before going over to products with other modes of action. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • The addition of a wetter e.g. Agral 90 (Reg. No. L2987 Act No. 36 of 1947) at 50 mL/100 ℓ of spray mixture is recommended to improve coverage. • Allow 42 days between last application and harvest of the crop.





CROP/DISEASE	DOSAGE	RECOMMENDATIONS/REMARKS
<p>Peas (Green peas, Including Var. "Mange Tout")</p> <p>American bollworm (larvae) <i>Helicoverpa armig</i></p>	<p>FOLIAR APPLI- CATION: 125 g/ha</p> <p>AERIAL APPLICATION: 150 g/ha</p>	<ul style="list-style-type: none"> • Ground application: Apply 250-350 ℓ spray mixture per ha and ensure thorough even coverage of the foliage. • Aerial application: Apply in minimum 30 ℓ water per hectare. • Apply at flowering or when the first bollworm eggs or small larvae are observed following regular scouting during flowering / fruitset stages. A follow-up application 7 to 10 days later will normally be necessary if the first application is made at the early flowering stage or under conditions of continuous re- infestation. • Although HARVEST INDOXACARB 300 WG will control larvae of all stages of development, including large 5th instar larvae, larvae that have penetrated the pods or are obscured by dense foliage during application may not be adequately controlled. It is therefore essential to ensure thorough coverage of the foliage. • Do not exceed 2 applications of HARVEST INDOXACARB 300 WG per season. Should a third application be needed, use a product with a different mode of action. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • The addition of a wetter e.g. Agral 90 (Reg. No. L2987 Act No. 36 of 1947) at 50 ml/100 ℓ of spray mixture is recommended to improve coverage. • Peas can be harvested 7 days after application.
<p>Green Beans American bollworm (larvae) <i>Helicoverpa armigera</i></p>	<p>FOLIAR APPLI- CATION: 125 g/ha FOLIAR APPLI- CATION: 12,5 g/100 ℓ water</p>	<p>CORRECTIVE / PREVENTIVE APPLIATION:</p> <ul style="list-style-type: none"> • Apply in 250-350 ℓ water per ha and ensure thorough even coverage of the foliage. • Apply preventively at flowering or when the first bollworm eggs or small larvae are observed following regular scouting during flowering / fruitset stages. • A follow-up application 7 to 10 days later will normally be necessary if the first application is made at the early flowering stage or under conditions of continuous re-infestation. • Although HARVEST INDOXACARB 300 WG will control larvae of all stages of development, including large 5th instar larvae, larvae that have penetrated the pods or are obscured by dense foliage during application may not be adequately controlled. It is therefore essential to ensure thorough coverage of the foliage. • Do not exceed 2 applications of HARVEST INDOXACARB 300 WG per season. Should a third application be needed, use a product with a different mode of action. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • The addition of a wetter e.g. Agral 90 (Reg. No. L2987 Act No. 36 of 1947) at 50 ml/100 ℓ of spray mixture is recommended to improve coverage. Green beans can be harvested 3 days after application.
<p>Citrus Non bearing trees only "Orange dog" (larvae) <i>Papillio demodocus</i></p>		<ul style="list-style-type: none"> • Apply a light cover spray at the first signs of the larvae on the foliage or apply onto an established infestation. • A follow-up application may be required 10 to 14 days later if a re-infestation occurs. • HARVEST INDOXACARB 300 WG will control larvae of all stages of development. • Most beneficial insects and predatory mites are unaffected by applications of HARVEST INDOXACARB 300 WG. • Use on non-bearing trees only.

