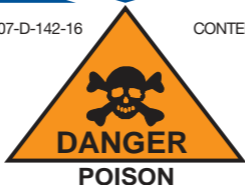




Confidor®  
70 WG

Reg. No. 07-D-142-16

CONTENTS: 450 g



COMPOSITION:	MASS/MASS
imidacloprid.....	700 g/kg
inert ingredients .....	300 g/kg

**Chemical Group : chloro-nicotinyl**

**A SYSTEMIC WATER DISPERSIBLE GRANULE  
INSECTICIDE FOR THE CONTROL OF THE  
INSECTS MENTIONED ON THE  
CROPS LISTED.**

Packed For:  
Bayer Zimbabwe (Pvt) Ltd  
P.O. Box AY 78, Amby, Harare, Zimbabwe.  
Tel. 487211/487242

**IN CASE OF POISONING PLEASE PHONE: +27 (0) 861 555 777**  
Manufactured by Bayer AG, Germany  
Confidor® is a registered trademark of the Bayer Group  
BATCH NUMBER: See on pack  
DATE OF MANUFACTURE: See on pack

**Bayer**

Zim/05/20/Confidor 70 WG 450g Code: 853999632C



HARMFUL



CROP	PEST	APPLICATION RATE	REMARKS
<b>Citrus Bearing trees up to 15 years old</b> NB. For trees older than 15 years see notes below	Aphids Thrips Red scale Psylla	<b>Soil drench:</b> 4.5 g/tree	Apply during August/September before spring flush. Mix the required quantity in 1 ℓ of water and apply around the base of the trunk with a jug. Irrigate within 24 hours after application.
<b>Non-bearing trees</b>	Aphids	<b>Soil drench:</b> 3 g/tree	Apply during August/September in 1 ℓ of water and apply around the base of the trunk with a jug. Irrigate within 24 hours after application.
<b>Nursery Trees</b>	Aphids Thrips	<b>Soil drench:</b> 1.5 g/tree	Apply in 200 mℓ water 2 days after transplanting of the grafted rootstock seedlings into plastic bags. Ensure that the <b>Confidor 70 WG</b> application does not take place prior to grafting

**NOTES:**

1. Trees should be healthy, stress free and regularly irrigated before and after application
2. Do not apply to trees immediately after pruning
3. Trees older than 15 years: When **Confidor 70 WG** is used on trees older than 15 years, pest control can be inconsistent. Some crop damage must therefore be expected and crop losses can occur.

<b>Anthills/Mounds</b>	Termites	<b>Soil drench:</b> 7 g/10 ℓ of water	Drive a rod into anthill to clear the opening. Drench the mound with 20-40 ℓ of mix (depending on the size of the mound).
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CROP	PEST	APPLICATION RATE	REMARKS
<b>Forestry</b>	Termites	<b>Soil drench:</b> 30 g/100 ℓ of water	Apply as a drench with 2 ℓ of mix around the base of the tree.
<b>Potatoes</b>	Aphids ( <i>Myzus persicae</i> ).	2,25 g/100 m row length	Spray the <b>Confidor 70 WG</b> mixture in the planting furrow from ridge-tip to ridge-tip <b>before</b> planting of the tubers. Use a 8006 or 8008 flat fan nozzle and apply in 3 to 4 ℓ water/100 m furrow length. The application may also be made, after planting but before emergence, over the row. Irrigate immediately afterwards with ±15 mm water. <b>Confidor 70 WG</b> may also be used in a tank mixture with <b>Monceren 250 SC</b> (see <b>Monceren 250 SC</b> label) for the simultaneous control of aphids and <i>Rhizoctonia</i> .
<b>Cucurbits</b>	Aphids (Various spp.).	100 g/ 100 ℓ water.	Apply 30 mℓ of the mixture per planting hole during planting or immediately after planting. Additional aphicidal sprays may be necessary later in the season should aphids appear.

CROP	PEST	APPLICATION RATE	REMARKS
<b>Cruciferae</b>	Cabbage aphid ( <i>Brevicoryne brassicae</i> ).	190 g/ 100 ℓ water.	Apply 600 mℓ of the <b>Confidor 70 WG</b> suspension per polystyrene seedling tray as a drench over the plants not more than 24 hours prior to transplanting.

**NOTE:**

1. The above application rates are recommended per polystyrene seedling tray containing 200 seedlings. The seedling trays referred to are those with a standard outside dimension of 673 X 342 mm.
2. Application rates can be proportionally reduced for seedling trays containing less than 200 seedlings.
3. The mixture should be stirred thoroughly before and during application to ensure an even application.

**TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.**

**WARNINGS:**

- BROCCOLI:** ALLOW 76 DAYS BETWEEN PLANTING AND HARVEST.
- BRUSSELS SPROUTS:** ALLOW 91 DAYS BETWEEN PLANTING AND HARVEST.
- CABBAGE:** ALLOW 93 DAYS BETWEEN PLANTING AND HARVEST.
- CAULIFLOWER:** ALLOW 136 DAYS BETWEEN PLANTING AND HARVEST.
- CITRUS:** ALLOW 212 DAYS ON CITRUS BETWEEN APPLICATION AND HARVEST.
- DO NOT APPLY TO LEMON TREES OR TO ANY CITRUS OLDER THAN 10 YEARS.
- COTTON:** ALLOW 7 DAYS BETWEEN LAST APPLICATION AND HARVEST.
- CUCURBITS:** ALLOW 100 DAYS BETWEEN APPLICATION AND HARVEST.
- FLOWERS:** ALLOW ± SIX HOURS DEPENDING ON WEATHER, AFTER SPRAYING UNTIL SPRAY DEPOSIT HAS DRIED BEFORE CUTTING FLOWERS.
- MAIZE:** ALLOW 42 DAYS BETWEEN LAST APPLICATION AND HARVEST.
- POTATOES:** ALLOW 120 DAYS BETWEEN APPLICATION AND HARVEST.
- TOMATOES:** ALLOW 23 DAYS BETWEEN LAST APPLICATION AND HARVEST.
- TOBACCO: CONFIDOR 70 WG** SHOULD ONLY BE USED AT PLANTING AND SHOULD NOT BE APPLIED OVER THE CROWN OF THE SEEDLINGS. ALLOW 70 DAYS BETWEEN 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.

**RESISTANCE MANAGEMENT:**

- Confidor 70 WG** should be rotated with products from a different chemical group on tomatoes.
- Do not apply **Confidor 70 WG** more than once per year on citrus trees.
- Do not apply **Confidor 70 WG** more than two times on other crops.

**PRECAUTIONS:**

- Handle with care; avoid any contact, poisonous when swallowed or inhaled.
- Do not eat, drink or smoke whilst mixing, applying, handling or before washing hands and face with soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.
- WEAR PROTECTIVE CLOTHING** i.e. overalls, rubber gloves, and rubber boots and a facemask while handling or applying **Confidor 70 WG**.
- Do not inhale dust or spray against the wind.
- Remove protective clothing on completion of spraying, wash thoroughly with soap and water, and wash contaminated clothing daily.
- Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- KEEP OUT OF REACH OF CHILDREN, UNINFORMED PERSONS AND ANIMALS.**
- STORE IN A COOL, DRY PLACE AWAY FROM FOOD AND FEEDSTUFFS IN ORIGINAL CONTAINER, KEEP UNDER LOCK AND KEY.**
- TOXIC TO FISH AND WILDLIFE. DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS AND WATERWAYS. CONTAINERS MUST BE COMPLETELY EMPTIED BEFORE BEING DISPOSED OF. RINSE THE CONTAINER THREE TIMES WITH A VOLUME OF WATER EQUAL TO AT LEAST ONE QUARTER OF THE CONTAINER AND ADD THE RINSING TO THE CONTENTS OF THE SPRAY TANK.**
- DESTROY THE CONTAINER BY PERFORATION AND FLATTENING OR BY BURNING IT AND BURYING THE DESTROYED CONTAINER OR ASHES IN A RECOMMENDED DISPOSAL PIT. DO NOT USE THE CONTAINER FOR ANY OTHER PURPOSE.**
- RE-ENTRY:** Do not enter treated area within 1 day after treatment unless wearing protective clothing.

**SYMPTOMS OF POISONING:** Apathetic state, depressed muscular tone, respiratory disturbances, trembling and muscular cramps in severe cases of poisoning.

**FIRST AID:**

- Remove patient from source of poisoning and remove contaminated clothing.
- If skin is contaminated, wash affected areas of skin thoroughly with soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.
- If eyes are contaminated, flush well with clean water for at least 15 minutes.
- In case of inhalation, move patient to fresh air and keep patient re-assured, place and transport patient in a recovery position to a physician.
- If swallowed:** Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract). CALL A PHYSICIAN IMMEDIATELY.
- Show container with label to attending doctor.

**NOTE TO PHYSICIAN:** Treatment: Decontaminate and treat symptomatically. Monitoring of respiratory and cardiac functions. Gastric lavage is not normally required. If a significant amount has been ingested (more than a mouthful), administer activated charcoal and sodium sulphate.

**WARRANTY:** 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 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 to 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.

**DIRECTIONS FOR USE:** Use only as directed.

**MIXING INSTRUCTIONS:**

Pour the required quantity of **Confidor 70 WG** into a bucket of water while agitating and mix directly into bulk water. Do not allow the **Confidor 70 WG** mixture to stand any length of time before using. DO not use salty water.

CROP	PEST	APPLICATION RATE	REMARKS
Tobacco TRB No. 20-23-D-01 Float-beds	Aphids	15 g/ 100 ℓ water	Apply <b>Confidor 70 WG</b> directly into the float-bed water at 5 weeks after germination.
		57 g/ 100 ℓ water  Or  1.9 g/100 ℓ water	Mix separately from planting water: Apply one 30 ml cup of mix per plant immediately after transplanting.  Mix directly into bulk planting water: Pour 1 ℓ of mix into each planting hole. <b>NB.</b> Apply half the rate (0.95g/100 ℓ water) if pouring 2 ℓ into each planting hole.
Lands			
Flowers	Thrips	14 g + 200 g sugar/ 100 ℓ water	Apply at first signs of infestation in 500 to 2 000 ℓ of water per hectare. Repeat application after 7 - 10 days.

CROP	PEST	APPLICATION RATE	REMARKS
Tomatoes	Whitefly ( <i>Trialeurodes vaporariorum</i> )	14 g/100 ℓ water	Apply in 300 to 500 ℓ of water per hectare. Repeat application after 7 to 10 days.
	Whitefly nymphs ( <i>Trialeurodes vaporariorum</i> ) For use on tomatoes in enclosed areas e.g. glass-houses, tunnels, etc. only.	<b>SOIL DRENCH</b> 0,025 g/plant.	Apply as a soil drench 1 day after transplanting. Mix 5 g <b>Confidor 70 WG</b> with 20 ℓ water and apply 100 ml of this mixture to the soil around the base of the stem of each plant. Irrigate within 24 hours after application. Repeat application 28 days later.
Maize	Termites	57 g/100 ℓ water (143 g/ha)	Apply 8 - 10 weeks after planting (prior to termite attack). Apply, using a knapsack, as a 30 cm band in the maize row with at least 250 ℓ/ha of water.
Cotton	Termites	286 g/ha	Furrow treatment: Apply over seed in the furrow before covering with soil. Use a knapsack applying at least 100 ℓ spray mixture per ha.

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**1. PRODUCT AND COMPANY IDENTIFICATION****Product information**

**Name:** Bayer (Pty) Ltd.      **Telephone:** +27-(011)-921-5911  
**Address:** 27 Wrench Road  
P.O. Box 143      **Telefax :** +27-(011)-921-5766  
ISANDO  
1600

**Trade name :** Confidor 70 WG  
**Usage :** insecticide  
**Chemical family :** Chloro-nicotinyl  
**Chemical name :** 1-(6-chloro-pyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylideneamine.  
**Chemical abstract No. :** 138261-41-3  
**Hazchem code :** Xn  
**UN No :** NOT DANGEROUS FOR TRANSPORT  
**Product code (UVP) :** 04211898

**Emergency Telephone Number:** +27-(021)-931-6129 and +27-(011)-624-2800

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Water dispersible granules (WG)  
Imidacloprid 70 %

**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrases(s)	Concentration [%]
Imidacloprid	138261-41-3	Xn	R22, R52	70,00

**3. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Harmful if swallowed.

**4. FIRST AID MEASURES****General advice**

Move out of dangerous area. If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately.

**Inhalation**

Move the patient to fresh air and keep at rest. Call a physician immediately.



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**Skin contact**

Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water.

**Eye contact**

In case of contact with eyes rinse thoroughly with plenty of lukewarm water for at least 15 minutes.

**Ingestion**

Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract).

**Notes to Physician**

**Treatment**

Elementary aid, decontamination and symptomatic treatment.  
Monitoring of respiratory and cardiac functions.  
Gastric lavage is not normally required. If a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

water spray  
carbon dioxide (CO<sub>2</sub>)  
foam  
sand

**Specific hazards during fire fighting**

In the event of fire the following can be released:  
hydrogen chloride (HCl)  
hydrogen cyanide (hydrocyanic acid)  
carbon monoxide (CO)  
nitrogen oxides (NO<sub>x</sub>)

**Special protective equipment for fire-fighters**

In the event of fire and/or explosion do not breathe fumes.  
Use breathing apparatus.

**Further information**

Contain the spread of the fire-fighting media.  
Do not allow run-off from fire fighting to enter drains or water courses.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

Avoid contact with spilled product or contaminated surfaces.  
Wear personal protective equipment. Unprotected persons must be kept away.  
Keep away sources of ignition.

**Environmental Precautions**

Do not discharge into the drains/surface water/groundwater.



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**Methods for Cleaning Up**

Use mechanical handling equipment.  
Keep in suitable, closed containers for disposal.  
Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional Advice**

Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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**7. HANDLING AND STORAGE**

**Handling**

Advice on safe handling  
Use only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion  
Dust may form explosive mixtures with air.  
Keep away from heat and sources of ignition.

**Storage**

Requirements for storage areas and containers  
Keep container tightly closed.  
Store in original container.  
Store in a place accessible by authorized persons only.

Advice on common storage  
Keep away from food, drink and animal feedingstuffs.

Storage stability  
Storage temperature < 40 °C  
Suitable materials  
aluminium composite film (min. 0,007 mm Aluminium)

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protective equipment**

Respiratory Protection	If product is handled while not enclosed, and if skin contact may occur: Dust mask
Hand Protection	Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.
Eye protection	Safety glasses with side-shields

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## Hygiene measures

Avoid contact with skin, eyes and clothing.

Keep working clothes separately.

Wash hands before breaks and at the end of workday.

Remove soiled and/or soaked clothing immediately and clean thoroughly before using again.

Garments that cannot be cleaned must be destroyed (burnt).

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form	Granular
Colour	brown
Odour	slight, specific odour

**Safety data**

Melting point/ range	from 110 °C
Auto ignition Temperature	> 225 °C 92/69/EEC, A.16
Dust Explosion Class	capable of causing a dust explosion (modified Hartmann tube)
Water Solubility	dispersible
Impact Sensitivity	not impact-sensitive
Combustion number	CN3 Local combustion without spreading at 20 °C

**10. STABILITY AND REACTIVITY**

Hazardous Reactions	No hazardous reactions when stored and handled according to prescribed instructions.
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**11. TOXICOLOGICAL INFORMATION**

Acute Oral Toxicity	LD50 (rat) > 300 - < 500 mg/kg
Acute Inhalation Toxicity	LC50 (rat) > 1,62 mg/l Exposure time: 4 h Tested in the form of respirable fine dust. Highest attainable concentration.
Acute Dermal Toxicity	LD50 (rat) > 2.000 mg/kg
Skin Irritation	Slight irritant effect - does not require labelling. (rabbit)
Eye Irritation	Slight irritant effect - does not require labelling. (rabbit)
Sensitization	Non-sensitizing. (guinea pig) OECD Test Guideline 406, Buehler test



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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects**

Toxicity to Fish	LC50 (Rainbow trout (Oncorhynchus mykiss)) 301 mg/l Exposure time: 96 h
Toxicity to daphnia	EC50 (Water flea (Daphnia magna)) 242 mg/l Exposure time: 48 h
Toxicity to algae	IC50 (Desmodesmus subspicatus) > 1.000 mg/l Growth rate Exposure time: 72 h

**13. DISPOSAL CONSIDERATIONS**

**Product**

Dispose of by incineration in an authorised hazardous waste incineration plant. Comply with local legislation.  
For larger quantities contact manufacturer.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

**14. TRANSPORT INFORMATION**

ADNR	Not dangerous goods
ADR	Not dangerous goods
GGVE	Not dangerous goods
GGVS	Not dangerous goods
IATA_C	Not dangerous goods
IATA_P	Not dangerous goods
IMDG	Not dangerous goods
RID	Not dangerous goods

**15. REGULATORY INFORMATION**

Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Classification:

Labelling according to EEC Directive

Hazardous components which must be listed on the label:

- Imidacloprid

Symbol(s)

Xn Harmful

R-phrases(s)

R22 Harmful if swallowed.

Classification and labelling according to German national legislation:





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Symbol(s)  
Xn Harmful

R-phrase(s)  
R22 Harmful if swallowed.

S-phrase(s)  
S 2 Keep out of the reach of children.  
S13 Keep away from food, drink and animal feeding stuffs.  
S46 If swallowed, seek medical advice immediately and show this container or label.

Exceptional labelling  
To avoid risks to man and the environment, comply with the instructions for use.

Further information  
**WHO-classification: II** (Moderately hazardous)

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**16. OTHER INFORMATION**

**Further information**

Text of R phrases mentioned in Section 2:  
R22 Harmful if swallowed.  
R52 Harmful to aquatic organisms.

The advice on classification in section 15 of this Safety Data Sheet is based on European Directive on Preparations (1999/45/EC and its subsequent adaptations). The information given in this Data Sheet has been included in accordance with the guidelines established by EC Directive 1991/155/EC as amended. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

This version replaces all previous versions.