



SHARDA IMIDACLOPRID 700 WS

Reg. No. L8446, Act No. 36 of 1947 | Reg. Nr. L8446, Wet Nr. 36 van 1947

A seed dressing containing a systemic insecticide for the control of soil insects in maize and sorghum, leafhoppers in maize and aphids in wheat.

'n Saadbehandeling wat 'n sistemiese insekdoder vir die beheer van grondinsekte in mielies en graansorghum, bladspringers in mielies en plantluise in koring, bevat.

INSECTICIDE GROUP CODE 4A

ACTIVE INGREDIENT

Imidacloprid (chloro-nicotinyl).....700 g/kg

INSEKDODER GROEPKODE 4A

AKTIEWE BESTANDEEL

Imidaklopried (chloro-nikotinoïed).....700 g/kg

Registration Holder | Registrasiehouer
Sharda International Africa cc
(Reg. No. 2006/186705/23)
P O Box 82021, Southdale 2135, RSA
Tel: 031 266 3264
Fax: 086 641 2325

BATCH NUMBER LOT NOMMER	
DATE OF MANUFACTURE DATUM VAN VERVAARDIGING	

CONTENTS / INHOUD

kg

UN No. / VN Nr. 2588

13105 © Sharda International Africa cc



CAUTION
VERSIGTIG



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WARNINGS

- Maize - Allow at least 65 days between planting treated seed and harvesting or grazing.
- Sorghum - Allow at least 55 days between planting treated seed and harvesting or grazing.
- Wheat - Allow at least 100 days between planting treated seed and harvesting or grazing.
- Do not use **IMIDACLOPRID 700 WS** on sweetcorn and popcorn.
- Consult the supplier of **IMIDACLOPRID 700 WS** before using it on inbred parent plants of hybrids, experimental or newly released hybrids or varieties.
- **IMIDACLOPRID 700 WS** should only be used on certified seed.
- Seed treated with **IMIDACLOPRID 700 WS** must be planted and not used for consumption or animal feed.
- Planting equipment must be calibrated with treated seed and checked regularly.
- Planting depth should not exceed 5 cm to avoid possible reduced crop emergence and efficacy.
- Treated seed should be planted in moist soil to ensure uptake of **IMIDACLOPRID 700 WS** by the seedling.
- Handle with care.
- Keep out of the reach of children, uninformed persons and animals, especially birds.
- Poisonous when absorbed by the skin or swallowed or inhaled.
- Toxic to fish and wildlife.
- Ensure that all planted seed is covered by soil as treated seed may be toxic to seed-eating birds.
- Store in the original container in a cool dry place away from food and feedstuffs.

Although this insecticide 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 effected 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 this insecticide as well as by the method, time 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 insecticide concerned due to failure of the user to follow the label instructions or to the occurrence of conditions that could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS

- Avoid inhalation of dust formed by powder.
- Wear protective gloves when handling powder and treated seed.
- Do not eat, drink or smoke while mixing or applying **IMIDACLOPRID 700 WS** or before washing hands and face after use.
- Wash with soap and water immediately after use or after accidental skin contact.
- Wash contaminated clothing daily after use.
- Rinse the 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 treatment tank. Do not exceed the volume of water in the mixing tank required for treatment. Destroy the empty container by perforation and flattening and do not use for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.
- Handle treated seed with care. Bags that contain treated seed must be clearly marked "POISONOUS" and do not use the bags for any other purpose.

Resistance Management: For resistance management, **IMIDACLOPRID 700 WS** is a group code 4A insecticide. Any insect population may contain individuals naturally resistant to **IMIDACLOPRID 700 WS** and other group code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and consecutively. These resistant insects may not be controlled by **IMIDACLOPRID 700 WS** or any other group code 4A insecticides.

To delay insecticide resistance: Avoid exclusive repeated and consecutive 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.

DIRECTIONS FOR USE • USE ONLY AS INDICATED

Insect control: Maize and Sorghum - The control of black maize beetle (*Heteronychus arator*) and the ground weevil (*Protostrophus* species) with **IMIDACLOPRID 700 WS** may be variable, especially under high infestation pressure. Some damage can be expected. Under conditions of very high infestations 20 % or more of the crop may be damaged or destroyed.

Wheat – Control of Russian aphid for 8 – 10 weeks can be expected provided that sufficient soil moisture is available for uptake of imidacloprid.

Compatibility: **IMIDACLOPRID 700 WS** is compatible with captab.

Slurry fungicide seed treatments should be applied before **IMIDACLOPRID 700 WS** treatment.

Dry fungicide seed treatments should be applied after **IMIDACLOPRID 700 WS**.

Mixing Instructions: Mix the required quantity of **IMIDACLOPRID 700 WS** with a small volume of water and mix into a paste – add the paste with the remainder of the water in the treatment tank and mix – add the seed and mix thoroughly to ensure complete **IMIDACLOPRID 700 WS** coverage of each seed. Correctly calibrated automatic seed treating equipment can be used to apply the **IMIDACLOPRID 700 WS** mixture. Ensure complete **IMIDACLOPRID 700 WS** coverage of each seed.

Treated Seed: Seed treated with **IMIDACLOPRID 700 WS** can be used immediately after treatment or the treated seed can be stored under cool dry conditions for up to 12 months. Stored maize seed treated with 250 g or more of Imidacloprid 700 WS per 100 kg seed or wheat seed treated with 200 g or more of **IMIDACLOPRID 700 WS** per 100 kg seed will be protected from damage by tropical warehouse moth (*Ephesia cautella*), lesser grain moth (*Rhizopertha dominica*), rice weevil (*Sitophilus oryzae*) and confused flour beetle (*Tribolium confusum*).

CROP	PEST	DOSAGE RATE PER 100 kg SEED
MAIZE	<i>Astylus</i> larvae	100 g IMIDACLOPRID 700 WS in 2,0 ℓ water
	Black maize beetle (<i>Heteronychus arator</i>) False wire worms (<i>Tenebrionidae</i> species) Ground weevils (<i>Protostrophus</i> species) Root worms (<i>Buphonnella</i> species)	250 g IMIDACLOPRID 700 WS in 2,0 ℓ water
	Leafhopper (<i>Cicadulina mbila</i>) [maize streak disease vector]	500 g IMIDACLOPRID 700 WS in 2,0 ℓ water
SORGHUM	<i>Astylus</i> larvae Black maize beetle (<i>Heteronychus arator</i>) Dusty surface beetle (<i>Gonocephalum</i> species) False wire worms (<i>Tenebrionidae</i> species) Ground weevils (<i>Protostrophus</i> species)	250 g IMIDACLOPRID 700 WS in 2,0 ℓ water
	WHEAT	Russian aphid (<i>Diuraphis noxia</i>)

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WAARSKUWINGS

- Mielies - laat tenminste 65 dae toe tussen die plant van behandelde saad en oes of beweiing.
- Koring - laat tenminste 100 dae toe tussen die plant van behandelde saad en oes of beweiing.
- Sorghum - laat tenminste 55 dae toe tussen die plant van behandelde saad en oes of beweiing.
- Moet nie **IMIDACLOPRID 700 WS** op suikermielies of springmielies gebruik nie.
- Raadpleeg die **IMIDACLOPRID 700 WS** voorsiener voordat dit op ingeteelde ouerplante van basters, eksperimentele of nuut vrygestelde basters of variëteite gebruik word.
- Gebruik **IMIDACLOPRID 700 WS** slegs op gesertifiseerde saad.
- IMIDACLOPRID 700 WS** behandelde saad moet geplant word en moet nie vir voedsel of voer gebruik word nie.
- Plant toerusting moet met behandelde saad gekalibreer word en die kalibrasie moet gereeld gekontroleer word.
- Plantdiepte moet nie 5 cm oorskry nie om moontlike verminderde gewasopkoms of doeltreffendheid te verhoed.
- Behandelde saad moet in klam grond geplant word om opname van die **IMIDACLOPRID 700 WS** deur die saailing te verseker.
- Hanteer uiters versigtig.
- Hou buite die bereik van kinders, oningeligte persone en diere, veral voëls.
- Giffig wanneer deur die vel geabsorbeer word of wanneer ingeneem of ingesam word.
- Giffig vir visse en wild.
- Verseker dat alle geplante saad met grond bedek is aangesien behandelde saad giffig vir saadvretende voëls mag wees.
- Bewaar in die oorspronklike houer in 'n koel droë plek weg van voedsel en voer.

Alhoewel hierdie insekdoder omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, gehalte van verdunningswater; verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie; die moontlikheid dat die plaag weerstand kan bied teen die insekdoder; sowel as die metode, tyd, en akkuraatheid van die toediening. Die registrasiehouer aanvaar ook nie verantwoordelikheid vir skade aan gewasse, plantegroei, en die omgewing; of vir skadelike effekte op mense en diere, of vir die gebrek aan prestasie van die insekdoder, as gevolg van die verbruiker se versuim om die instruksies op die etiket getrou na te kom nie; of vir die ontstaan van toestande wat nie kragtens die registrasie voorspel kon word nie. In die geval van enige onsekerheid, raadpleeg die verskaffer.

VOORSORGMATREËLS

- Voorkom inaseming van stof wat deur poeier veroorsaak mag word.
- Dra beskermende handskoene wanneer poeier en saad hanteer word.
- Moet nie eet, drink of rook tydens vermenging en toediening van **IMIDACLOPRID 700 WS** of voordat hande en gesig gewas is nie.
- Was dadelik met seep en water na hanteering of toevallige velkontak.
- Was besoedelde klere daagliks.
- Spoel die leë houer drie keer uit met 'n volume water gelyk aan ten minste 10 % van die van die houer en voeg die uitspoelwater by die inhoud van die mengtenk voordat die houer op die voorgeskrewe metode vernietig word. Moet nie die volume water vir behandeling in die mengtenk oorskry nie. Vernietig leë houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Hanteer behandelde saad versigtig. Merk sakke wat behandelde saad bevat duidelik "GIFTIG" en moet die sakke nooit vir enige ander doel gebruik nie.

Weerstandsbestuur: **IMIDACLOPRID 700 WS** is 'n groepkode 4A insekdoder. Enige populasie van 'n spesifieke insek spesie mag individue insluit wat 'n natuurlike weerstand teen **IMIDACLOPRID 700 WS** of enige ander groepkode 4A insekdoder het. Indien hierdie insekdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die insekpopulasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur **IMIDACLOPRID 700 WS** of enige ander groepkode 4A insekdoder beheer word nie. Om weerstand teen insekdoders te vertraag: Verminder die eksklusiewe en herhaaldelike gebruik van insekdoders in dieselfde insekdoder groepkode. Wissel af met produkte in verskillende insekdoder groepkodes. Integreer ander beheermaatreëls (chemies, verbouing, biologies) in insekbeheer programme. Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

GEBRUIKSAANWYSINGS • GEBRUIK SLEGS SOOS AANGEDUI

Insekbeheer: Mielies en Sorghum - Die beheer van swartmieliekewer (*Heteronychus arator*) en grondkalanders (*Protophthorus species*) met **IMIDACLOPRID 700 WS** mag wisselvalig wees, veral onder hoë populasiedruk. Beskadiging kan steeds verwaag word. Onder toestande van baie hoë infestasiedruk kan 20 % of meer van die oes beskadig of vernietig word. Koring - Beheer van die Russiese luis kan vir 8 - 10 weke verwaag word indien daar voldoende grondvog beskikbaar vir opname van imidakloprid is.

Verenigbaarheid: **IMIDACLOPRID 700 WS** is verenigbaar met captab.

Flodder swamdoder saadbehandeling moet voor die **IMIDACLOPRID 700 WS** behandeling toegedien word. Droë swamdoder saadbehandeling moet na die **IMIDACLOPRID 700 WS** behandeling toegedien word.

Meng Instruksies: Meng die benodigde hoeveelheid **IMIDACLOPRID 700 WS** met 'n klein volume water en meng om 'n pasta te vorm - voeg die pasta by die benodigde watervolume in die mengtenk en meng deeglik - voeg die saad by en meng deeglik om te verseker dat bedekking van elke saad met **IMIDACLOPRID 700 WS** volledig is.

Korrek gekalibreerde outomatiese saadbehandelings-toerusting kan vir die toediening van die **IMIDACLOPRID 700 WS** mengsel gebruik word. Verseker dat bedekking van elke saad met **IMIDACLOPRID 700 WS** volledig is.

Behandelde Saad: Saad wat met **IMIDACLOPRID 700 WS** behandel is kan onmiddellik na behandeling gebruik word of die behandelde saad kan onder koel droë toestande tot 12 maande opgeberg word. Opgebergde mieliesaad wat met 250 g of meer **IMIDACLOPRID 700 WS** per 100 kg saad of koringsaad wat met 200 g of meer **IMIDACLOPRID 700 WS** per 100 kg saad behandel is, sal teen tropiese graanskuurmot (*Ephesttia cautella*), kleingraanboorder (*Rhizopertha dominica*), ryskalanders (*Sitophilus oryzae*) en malkopmeelkewer (*Tribolium confusum*) beskerm word.

GEWAS	PLAAG	DOSIS PER 100 kg SAAD
MIELIES	Astylus larwes	100 g IMIDACLOPRID 700 WS in 2,0 ℓ water
	Grondkalanders (<i>Protophthorus species</i>) Swartmieliekewer (<i>Heteronychus arator</i>) Valsdraadwurms (<i>Tenebrionidae species</i>) Wortelwurms (<i>Buphonella species</i>)	250 g IMIDACLOPRID 700 WS in 2,0 ℓ water
	Bladspringer (<i>Cicadulina mbila</i>) [mielie streepsiekte vektor]	500 g IMIDACLOPRID 700 WS in 2,0 ℓ water
	SORGHUM	Astylus larwes Grondkalanders (<i>Protophthorus species</i>) Swartmieliekewer (<i>Heteronychus arator</i>) Vaalgrondkewer (<i>Gonocephalum species</i>) Valsdraadwurms (<i>Tenebrionidae species</i>)
KORING	Russiese luis (<i>Diuraphis noxia</i>)	200 g IMIDACLOPRID 700 WS in 2,0 ℓ water