



# SHARDA FIPRONIL 200 SC

Reg. No. L9114, Act No. 36 of 1947 | Reg. Nr. L9114, Wet Nr. 36 van 1947

A suspension concentrate insecticide with contact and stomach action for the control of thrips in citrus and mangoes and harvester termites in grazing, veld grass and row-crops.

'n Suspensie konsentraat maag- en kontakinsekdoder vir die beheer van blaaspootjie in sitrus en mango's en grasdraertermiete in weiding, veld en rygewasse.

## INSECTICIDE GROUP CODE 2C

### ACTIVE INGREDIENT

Fipronil (phenyl pyrazole)..... 200 g/l

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

## INSEKDODER GROEPKODE 2C

### AKTIEWE BESTANDDEEL

Fipronil (feniel pirasool)..... 200 g/l

BATCH NUMBER  
LOT NOMMER

DATE OF MANUFACTURE  
DATUM VAN VERVAARDIGING

CONTENTS / INHOUD



UN No. / VN Nr. 3082

13105 © Sharda International Africa cc



HARMFUL  
SKADELIK



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### WARNINGS

**Citrus:** Remove all out-of-season fruit from nursery trees, non-bearing and bearing trees before application.

**Lemons:** Remove all fruit including small and green fruit before application.

**Mangos:** Remove all out-of-season fruit before application.

- Handle the concentrate with caution.

- Poisonous when swallowed, inhaled or absorbed through the skin.

- Poisonous for fish and bees.

- Store in a cool dry place away from food, feed and fertiliser.

- Keep out of reach of children, uninformed persons and animals.

**Re-entry Period:** Do not enter the treated area within 1 day after application unless wearing protective clothing.

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 the insecticide concerned 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 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.

### PRECAUTIONS

- Wear a face mask, overall and rubber gloves when handling.

- Prevent contact with the eyes or skin.

- Do not breathe vapours or spray mist.

- Wash contaminated clothes daily.

- After use and accidental skin contact immediately wash with soap and water.

- In the case of accidental eye contact immediately rinse with clean water.

- Do not eat, drink or smoke during mixing or application or before hands and face are washed and clean clothes are put on.

- Prevent contamination of food, eating utensils, feed and drinking water.

- Prevent contamination of water sources and areas not under treatment.

- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed to a drip. Thereafter rinse the empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsing water to the contents of the spray tank before disposing of the container in the prescribed manner.

- Destroy the empty container by perforation and flattening and do not use for any other purpose.

**Resistance Management:** For resistance management, **SHARDA FIPRONIL 200 SC** is a group code 2C insecticide. Any insect population may contain individuals naturally resistant to **SHARDA FIPRONIL 200 SC** and other group code 2C 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 **SHARDA FIPRONIL 200 SC** or any other group code 2C 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 with other control methods (chemical, cultural, biological) into insect control programs.

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

### FIRST AID TREATMENT

**Symptoms of human poisoning:** Irritating to eyes and skin. May cause vomiting, nausea and convulsions.

**First aid treatment:** Remove the patient from the source of poisoning. Keep him/her quiet and reassured. Remove contaminated clothing and rinse contaminated skin thoroughly with plenty of soap and cold water. Do not rub skin.

**Eyes:** Flush out contamination with clean water for at least 15 minutes. Get medical treatment immediately.

**Skin:** Wash contaminated skin thoroughly with soap and cold water. If irritation and inflammation persists, get medical attention.

**Ingestion:** Get medical attention immediately. Medical personnel should administer gastric lavage or a saline purgative or activated charcoal. Do not apply direct mouth-to-mouth respiration. Never give anything by mouth to an unconscious person.

**Note to physician:** In case of ingestion, induce vomiting and let patient drink as much water as possible. Take patient to hospital for observation and treatment. Administer gastric lavage or saline purgative or activated charcoal. There is no known antidote.

### DIRECTIONS FOR USE • USE ONLY AS DIRECTED

**Compatibility:** The compatibility of **SHARDA FIPRONIL 200 SC** with other products will be influenced by the formulation of the products involved as well as the quality of the spray water. A physical compatibility test should always be carried out prior to application.

**Mixing Instructions:** Shake the **SHARDA FIPRONIL 200 SC** container thoroughly immediately before use. Half fill the spray tank with clean water. Add the required volume of **SHARDA FIPRONIL 200 SC** to the spray tank. If **SHARDA FIPRONIL 200 SC** is to be tank mixed with other products add the products in the following sequence (as applicable): adjuvant/acidifier, wettable powder, suspension concentrate, emulsifiable concentrate. Fill the spray tank with water to the required volume. Agitate the spray mixture continually during mixing and spraying. The spray mixture must be sprayed out immediately and not be left in the spray tank for any length of time, e.g. overnight.

### General Directions

- All **SHARDA FIPRONIL 200 SC** spray equipment must be clean and correctly calibrated to give an even droplet distribution on the target surface.

- **SHARDA FIPRONIL 200 SC** will resist being washed off plants by rain or irrigation provided that sufficient time is allowed for it to dry completely before the rain or irrigation occurs.

- If citrus red mite (*Panonychus citri*) is present in the orchard when **SHARDA FIPRONIL 200 SC** is applied, an increase in mite numbers can occur. Appropriate control measures for citrus red mite must be taken if the threshold is exceeded.

- **SHARDA FIPRONIL 200 SC** mildly toxic to *Aphytis* species, parasites of citrus red scale.

- **SHARDA FIPRONIL 200 SC** is toxic to bees. Beehives must be removed from orchards before spraying **SHARDA FIPRONIL 200 SC**. Beehives must be moved at least 100 m away from the treatment orchard and should be closed before treatment and kept closed for at least 24 hours after treatment. Prevent drift of spray droplets in the vicinity of beehives. Any weeds or cover crops in flower in the orchard to be treated should be mowed before treatment.

### Preparation of Bait for Harvester Termite Control

A variety of baits such as wheat chaff, lucerne and veld grass that is dry and has been through a hammermill with a sieve to give a bait length of 25 mm can be used. Wear gloves, eye protection and an overall when preparing and distributing the bait. Prepare a flat clean bait mixing area that is free from contamination such as oil, dust, chemical residues etc. (Termites will reject bait that has an un-natural smell or taste.) Measure the bait into 10 kg lots and spread it over 2 m x 2 m in the bait mixing area. Apply **SHARDA FIPRONIL 200 SC** at the rate of 12.5 ml in 5.0 l water with a knapsack sprayer on the 10 kg bait. The 10 kg bait lots can also be sprayed by a tractor mounted sprayer. Ensure that oil or fuel from the tractor does not contaminate the bait. While spraying the bait with the insecticide mix, it should be continually turned with a fork to ensure that all bait is treated with insecticide. After spraying allow the bait to dry completely. Once the bait is dry, place it in clean bags and label the bags to indicate that the bait is treated and poisonous. The bait is now ready for use.

CROP / PEST	DOSAGE RATE	REMARKS
CITRUS – THRIPS ( <i>Scirtothrips aurantii</i> ) Bearing trees under integrated or chemical control systems.	7.5 – 10.0 ml per 100 l water	Apply at 90 – 100 % petal drop and before the calyx has closed on the growing fruit. Apply as a single light cover spray to the leaves and fruit to the point before run-off. Apply the higher rate for heavy thrips infestations or for extended length of control. Use an alternate insecticide for thrips infestations later in the season to prevent insect resistance. This treatment will control citrus aphids ( <i>Toxoptera citricidus</i> and <i>T. aurantii</i> ) present at the time of spraying.
CITRUS – THRIPS ( <i>Scirtothrips aurantii</i> ) Nursery and non-bearing trees under integrated or chemical control systems.	7.5 – 10.0 ml per 100 l water	Apply as a cover spray and especially to new growth points. Apply to nursery trees only between August and November. Apply the higher rate for heavy thrips infestations or for extended length of control. Use an alternate insecticide for thrips infestations later in the season to prevent insect resistance.
MANGO – THRIPS ( <i>Scirtothrips aurantii</i> )	7.5 – 10.0 ml per 100 l water	Apply at or soon after 100 % petal drop but before the fruit is pea-size. Apply as a single light cover spray to the leaves and fruit to the point before run-off. Apply the higher rate for heavy thrips infestations or for extended length of control.
VELD, GRAZING AND ROW CROPS – HARVESTER TERMITES ( <i>Hodotermes mossambicus</i> )	Bait Preparation: Mix 12.5 ml in 5.0 l water for 10 kg bait.  Bait Application: Apply 10 kg bait evenly to 1 ha. (1 g bait per 1 m <sup>2</sup> )	Wear clean gloves and overalls when preparing and applying the bait. Termites are sensitive to foreign smells and taste and will reject bait contaminated with the smell of humans and chemicals. Apply the bait at the end of summer when the termites begin actively gathering grass (April). Apply the bait preferably when the termites are actively harvesting, normally mid-morning. The entire area that is colonised by termites must be treated as termite nests cover a large area. If the majority of the bait has not been harvested within 5 days due to reduced activity, it is recommended to re-apply the bait. Strong winds can influence bait distribution and a re-application may be necessary. Follow-up spot treatments on any active harvesting holes can be done at 1 g bait per 1 m <sup>2</sup> .

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### WAARSKUWINGS

**Sitrus:** Verwyder alle buiteseisoenvrugte op kwekeryboompies, nie-draende bome en draende bome voor toediening.

**Suurlemoene:** Verwyder alle vrugte insluitende klein en groen vrugte voor toediening.

**Mango's:** Verwyder alle buiteseisoenvrugte op bome voor toediening.

- Hanteer die konsentraat versigtig.
- Giftig wanneer ingesluk, ingeasem of deur die vel geabsorbeer word.
- Giftig vir visse en bye.

- Berg in 'n koel droog plek weg van voedsel, voer en kunsmis.
- Hou buite die bereik van kinders, oningeligte persone en diere.

**Herbetreding:** Moet nie behandelde gebied binne 1 dag na behandeling binne gaan nie tansy beskermende klere gedra word.

Alhoewel hierdie insektemiddel 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, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die plaag teen die betrokke insektemiddel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke insektemiddel as gevolg van die verbruik van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

### VOORSORGMATREËLS

- Dra 'n gesigskerm, oorpak en rubberhandskoene tydens hantering.
- Verhoed kontak met oë of vel.
- Moenie die dampe of sproeinewel inasem nie.
- Was besoedelde klere daagliks.
- Na gebruik en toevallige velkontak was onmiddellik met seep en water.
- In die geval van oog kontak spoel onmiddellik met skoon water uit.
- Moenie eet, drink of rook tydens vermenging of toediening of voordat hande en gesig gewas en skoon klere aangetrek is.
- Verhoed besoedeling van voedsel, eetgerei, voer en drinkwater.
- Verhoed besoedeling van waterbronne en gebiede wat nie behandel word nie.
- Keer die leë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloeit tot 'n gedrup verminder het. Spoel die leë houer daarna 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 spuittenk voordat van die houer op die voorgeskrewe metode vernietig word.
- Vernietig leë houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.

**Weerstandbestuur:** SHARDA FIPRONIL 200 SC is 'n groepkode 2C insekdoder. Enige populasie van 'n spesifieke insek mag individue insluit wat 'n natuurlike weerstand teen SHARDA FIPRONIL 200 SC of enige ander groepkode 2C insekdoder het. Indien hierdie insekdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die insekpopulasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur SHARDA FIPRONIL 200 SC of enige ander groepkode 2C insekdoder beheer word nie.

Om weerstand teen insekdoders te vertraag: Vermoed 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 weerstandbestuur kontak die registrasiehouer van hierdie produk.

### NOODHULPBEHANDELING

**Simptome van menslike vergiftiging:** Irriteerend aan oë en vel. Mag braking, duiseligheid en konvulsies veroorsaak.

**Noodhulpbehandling:** Verwyder die pasiënt van die oorsaak van vergiftiging. Stel die pasiënt gerus en hou hom of haar stil. Verwyder besoedelde klere en spoel die besmette liggaamsdele met baie seep en koue water af. Moenie die vel vryf nie.

**Oë:** Spoel besmette oë met skoon water vir ten minste 15 minute uit. Verkry mediese behandeling onmiddellik.

**Vel:** Was besmette vel deeglik met seep en koue water. Indien irritasie en inflammasie aanhou, verkry mediese behandeling.

**Inname:** Verkry onmiddellike mediese behandeling. Medici moet braking of braakmiddel of geaktiveerde houtskool toedien. Moenie direkte mond-tot-mond asemhaling toepas nie. Moet nooit iets per mond aan 'n bewustelose persoon toedien nie.

**Nota aan genesheer:** In die geval van inname, stimuleer braking en laat toe dat die pasiënt soveel water as moontlik drink. Dien braakmiddel of 'n geskikte purgeermiddel toe. Daar is geen teenmiddel nie.

### GEBRUIKSAANWYSINGS • GEBRUIK SLEGS SOOS AANGEDUI

**Verenigbaarheid:** Die verenigbaarheid van SHARDA FIPRONIL 200 SC met ander produkte kan beïnvloed word deur die formulasie van die betrokke produkte asook deur die kwaliteit van die spuitwater. 'n Fisiese verenigbaarheidstoets moet altyd uitgevoer word voordat gespuit word.

**Menginstruksies:** Skud die SHARDA FIPRONIL 200 SC -houer deeglik voor gebruik. Maak die spuittenk halfvol met skoon water. Voeg die korrekte hoeveelheid SHARDA FIPRONIL 200 SC by. Indien SHARDA FIPRONIL 200 SC met ander produkte gemeng word, voeg die produkte in die volgende volgorde by (soos van toepassing): bevorderingsmiddel/versuringsmiddel, benatbarepoëier, suspensie konsentraat, emulgeerbarekonsentraat. Vul die spuittenk tot by die verlangde volume. Roer die spuitmengsel tydens meng en toediening. Aangemaakte spuitmengsel moet onmiddellik gespuit word en nie vir 'n onbepaalde tydperk, bv. oornag, in die spuittenk gelaat word nie.

### Algemene Aanwysings

- Alle SHARDA FIPRONIL 200 SC spuittoerusting moet skoon en korrek gekalibreer word om 'n egalige druppelverspreiding op die teiken oppervlakte te gee.
- SHARDA FIPRONIL 200 SC op plante sal afwas deur reën of besproeiing weerstaan op voorwaarde dat die spuitmengsel genoeg tyd gegun word om heeltemal droog te word voordat die reën of besproeiing plaasvind.
- Indien sitrusrooimyt (*Panonychus citri*) teenwoordig is in die boord tydens toediening van SHARDA FIPRONIL 200 SC kan 'n verhoging in myt getalle voorkom. Indien die voorgeskrewe populasie drumpelwaarde oorskry word moet toepaslike beheermaatreëls vir sitrusrooimyt geneem word.
- SHARDA FIPRONIL 200 SC relatief sag op *Aphytis* spesies, parasiete van rooidopluis.
- SHARDA FIPRONIL 200 SC is giftig vir bye. Korwe moet van die boord wat behandel gaan word verwyder word voordat toediening plaasvind. Bykorwe moet tenminste 100 m vanaf die behandelde verwyder word en moet vir minstens 24 uur toegemaak word. Verhoed dat die wegdring van spuitdruppels die omgewing van bykorwe besoedel. Enige onkruid of dekgewasse wat in die boord blom moet voor bespuiting gesny word.

### Voorbereiding van Lokaas vir Grasdraertermietbeheer

'n Verskeidenheid lokaas soos koringkaf, lusern en veldgras wat droog is kan gebruik word. Sit die lokaas deur 'n hamermeul met 'n sif om 'n lokaas lengte van 25 mm te gee. Dra handskoene, oog beskerming en 'n oorpak gedurende vermenging en ook verspreiding van die lokaas. Berei 'n plat skoon lokaasmeng lokaal wat vry is van besoedeling soos olie, stof, chemiese residue ens. (Termiete sal lokaas wat 'n on-natuurlike reuk of smaak het, verwerp.) Meet die lokaas in 10 kg hope en versprei dit oor 2 m x 2 m op die lokaasmeng area. Dien SHARDA FIPRONIL 200 SC teen 12,5 ml in 5,0 l water met 'n rugsakspuit op die 10 kg lokaas toe. Die 10 kg lokaas hope kan ook deur 'n trekkergermonteerdespuit toegedien word. Verseker dat olie of brandstof nie die lokaas besoedel nie. Terwyl die lokaas met die insekmiddel gespuit word, moet dit gedurig met 'n vurk omgedraai word om te verseker dat al die lokaas behandel word. Sodra die lokaas droog is, sit dit in skoon sakke en sit 'n etiket op die sakke om aan te dui dat die inhoud giftig is. Die lokaas is nou gereed om gebruik te word.

GEWAS / PLAAG	DOSIS	OPMERKINGS
SITRUS – BLAASPOOTJIE ( <i>Scirtothrips aurantii</i> ) Draende bome onder geïntegreerde of chemiese plaagbeheerstelsels.	7,5 – 10,0 ml per 100 l water	Dien by 90 – 100 % blomblaarval en voordat die kelkblare om die groeiende vrug gesluit het. Dien toe as 'n enkel ligte dekbespuiting op die blaarloof en vrugte tot net voor afloop. Dien die hoër dosis toe vir swaar blaaspoottjie besmettings of om die tydperk van beheer te verleng. Gebruik 'n ander insekmiddel om blaaspoottjie te beheer later in die seisoen om insekweerstand te voorkom. Hierdie behandeling sal sitrusplantluis ( <i>Toxoptera citricidus</i> en <i>T. aurantii</i> ) wat teenwoordig is tydens toediening beheer.
SITRUS – BLAASPOOTJIE ( <i>Scirtothrips aurantii</i> ) Kwekeryboompies en nie-draende bome onder geïntegreerde of chemiese plaagbeheerstelsels.	7,5 – 10,0 ml per 100 l water	Dien toe as 'n dekbespuiting en veral op nuwe groeiëstuwings. Dien toe op kwekeryboompies slegs tussen Augustus en November. Dien die hoër dosis toe vir swaar blaaspoottjie besmettings of om die tydperk van beheer te verleng. Gebruik 'n ander insekmiddel om blaaspoottjie te beheer later in die seisoen om insekweerstand te voorkom.
MANGO'S – BLAASPOOTJIE ( <i>Scirtothrips aurantii</i> )	7,5 – 10,0 ml per 100 l water	Dien by of net na 100 % blomblaarval toe maar voor die vrugte eërtjiegrootte bereik het. Dien toe as 'n enkel ligte dekbespuiting op die blaarloof en vrugte tot net voor afloop. Dien die hoër dosis toe vir swaar blaaspoottjie besmettings of om die tydperk van beheer te verleng.
VELD, WEIDING EN RYGEWASSE – GRASDRAERTERMIETE ( <i>Hodotermes mossambicus</i> )	Lokaasvoorbereiding: Meng 12,5 ml in 5,0 l water vir 10 kg lokaas.  Lokaastoediening: Dien 10 kg lokaas egalig oor 1 ha. (1 g lokaas per 1 m <sup>2</sup> )	Dra skoon handskoene en oorpak terwyl die lokaas aangemaak en toegedien word. Termiete is gevoelig vir vreemde reuke en smake en sal die lokaas wat met menslike en/of chemiese reuke gekontamineer is, verwerp. Dien die lokaas aan die einde van somer toe, wanneer termiete aktief gras versamel (April). Dit is raadsaam om die lokaas toe te dien terwyl die termiete aktief gras versamel, gewoonlik die middel van die oggend. Die hele gebied wat deur termiete gekoloniseer is moet behandel word want termite neste dek 'n groot area. Indien meeste van die lokaas nie binne 5 dae geoes is nie, as gevolg van verminderde oesaktiwiteit, 'n hertoediening word aanbeveel. Sterk winde kan lokaas verspreiding beïnvloed en hertoediening mag nodig wees. Opvolg kolbehandeling van aktiewe oesgate kan teen 1 g lokaas per 1 m <sup>2</sup> gedoen word.