

Before using this product read the label carefully. / Lees die etiket noukeurig alvorens die produk gebruik word.

DECIS® UL 7

Reg. No. L6053 Act No. 36 of 1947
Namibian Reg. No. N-AR 0374

Reg. Nr. L6053 Wet Nr. 36 of 1947
Namibiese Reg. Nr. N-AR 0374

**FOR USE BY QUALIFIED AND TRAINED SPRAY OPERATORS ONLY.
SLEGS VIR GEBRUIK DEUR GEKWALIFISEERDE SPUIT OPERATEURS MET OPLEIDING.**

A ULV formulation for ground application:
Contact and stomach insecticide for the
control of the Brown Locust.

'n ULV formulase vir grondtoediening:
Kontak en maag insekdoder vir die beheer
van die Bruin-sprinkaan.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Deltamethrin (pyrethroid)

7 g/l

Deltametrien (piretroïede)

NET CONTENTS: / NETTO INHOUD:

REGISTRATION HOLDER / REGISTRASIEHOUER:

Bayer (Pty.) Ltd. / (Edms.) Bpk.
Reg. No. / Nr. 1968/011192/07
P.O. Box / Posbus 143
ISANDO 1600
SOUTH AFRICA / SUID-AFRIKA
TEL: (011) 921 5911

Batch no./Lotnommer:

Date manufactured/Datum vervaardig:

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UN No. / VN Nr. 3082




**HARMFUL
SKADELIK**



WARNINGS

A WITHHOLDING PERIOD OF 21 DAYS IS REQUIRED BETWEEN LAST TREATMENT AND HARVEST OR USE AS FOOD OR FEED:

May cause irritation of the skin, eyes, mucous membranes and skin sensitization.

Handle with extreme care.

Poisonous by swallowing, inhalation or contact.

TOXIC TO FISH.

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

Store under lock and key in a cool place away from food and feedstuffs.

INFLAMMABLE: Do not store or spray near open fire.

Use of this material in a manner or at a time other than in accordance with directions may cause plant injury, excessive residues or other undesirable results.

In case of poisoning call a doctor and make this label available to him.

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 OF THE ACTION AND EFFECT THEREOF MAY BE EFFECTED BY FACTORS SUCH AS ABNORMAL CLIMATIC AND STORAGE CONDITIONS; THE OCCURRENCE OF RESISTANCE OF THE INSECT AGAINST 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 OCCURENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE REGISTRATION HOLDER IMMEDIATELY IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS

Do not use in the presence of persons with known sensitivity to pyrethroids.

In the case of signs of sensitivity, obtain medical advice.

Do not inhale fumes or spray mist.

All persons in direct contact with the insecticide to wear protective clothing - overalls, gloves, eye protection and a suitable face mask.

Wash contaminated clothing immediately after the day's work.

Wash immediately after accidental skin contact with soap and cold water.

Do not eat, drink or smoke during mixing or application or before washing hands and face (change of clothing).

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

Prevent drift of spray onto rivers, dams and areas not under treatment.

Clean applicators thoroughly before re-using with other material.

Dispose of wash water where it will not contaminate crops, grazing, food or water.

Destroy empty container by perforation and flattening and never use for any other purpose.

Keep animals and children away from stacked chemicals and spilt material.

No worker should be engaged in mixing operations while suffering from any major complaint or from certain minor complaints such as bronchitis or stomach trouble.

SYMPTOMS OF POISONING

Excitement, gastrointestinal discomfort, tremor, dizziness, headache, listlessness, nausea and vomiting, epigastric pain, muscular fasciculation of limbs, unconsciousness, convulsions and coma (very high doses).

FIRST AID TREATMENT

Remove patient from source of poisoning to a well-ventilated area and keep him quiet and reassured.

Remove contaminated clothing and rinse contaminated body area thoroughly with plenty of soap and

water. After eye contact, flush contamination out of eyes with clean water and call a doctor. If swallowed do not induce vomiting. Wash out mouth with water and call a doctor immediately.

NOTE TO PHYSICIAN

Treat symptomatically. Check blood pressure and pulse rate frequently (bradycardia and hypotonia possible). Provide supportive measures for respiratory and cardiac action. Give artificial respiration if signs of paralysis appear. Additional measures involve the elimination of the substance from the body or acceleration of its excretion (gastrolavage).

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

<u>PEST</u>	<u>DOSAGE</u>	<u>REMARKS</u>
BROWN LOCUST (gregaria phase)	Ground application: Area rate: 17,5 g ai*/ha Volume rate: 2,5 ℓ/ha	Control to be applied against hopper bands and adult swarms. Gregarious hopper bands as well as adult swarms can be best treated while roosting during early mornings and evenings. SEE DESCRIPTION OF DEVELOPMENT STAGES.

*ai = active ingredient

DESCRIPTION OF GREGARIA PHASE BROWN LOCUST DEVELOPMENT STAGES:

1st - 3rd instar - $\pm 0,5$ - 1 cm long - 1st instar black and then thereafter black and mustard/brown colour.

4th - 5th instar - $\pm 1,25$ - 2,5 cm long - black and bright orange colour ("red coats").

Sexually mature adults - ± 4 - 6 cm long - adult (flying stage) - hind wings tinged with blue.

Primary breeding area Karoo region.

IF UNSURE OF IDENTIFICATION REFER TO LOCUST RESEARCH UNIT, AGRICULTURAL RESEARCH COUNCIL, (Rietondale, Pretoria).

DETAILS OF GROUND APPLICATION METHOD:

Knapsack and or motorized application equipment producing droplets in the 70 - 100 um VMD range.

METEOROLOGICAL FACTORS RELATING TO GROUND APPLICATION:

Swath width will depend upon type of apparatus used as well as wind speed. In the case of spinning disk/cage apparatus a cross wind of at least 2 km/hr is essential. In the case of a motorized mistblower a light wind is also an advantage. Wind speed should not exceed 8 m/sec.

TURBULENCE, TEMPERATURE AND HUMIDITY:

As ULV droplets are oil based and have low volatility they are not affected by changes in Relative Humidity. Under hot dry conditions where the temperature exceeds 25 °C, greater turbulence can be expected which adversely effects droplet deposition in the target areas. It is therefore advisable to spray during the cooler part of the day.

For any product enquiry, contact Bayer Environmental Science - 011 921 5911. For poisoning emergencies only, Griffon Poison Information Centre may also be contacted - 082 446 8946.

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WAARSKUWINGS:

'N ONTHOUDINGSPERIODE VAN 21 DAE MOET TOEGELAAT WORD TUSSEN TYD VAN LAASTE BESPUITING EN OES, OF GEBRUIK AS VOEDSEL OF VOER.

Kan vel, oë en slymvliese irriteer en vel sensitiseer.

Hanteer uiters versigtig.

Giftig indien ingeneem, ingeasem of deur die vel geabsorbeer.

GIFTIG VIR VIS.

Hou buite bereik van kinders, oningeligte persone en diere.

Bewaar agter slot en grendel in 'n koel plek weg van voedsel en voer.

ONTVLAMBAAR: Moet nie naby oop vlam stoor of spuit nie.

Die gebruik van hierdie materiaal anders as wat voorgeskryf is mag plante beskadig en oortollige residu's of ander ongewenste resultate tot gevolg hê.

In geval van vergiftiging ontbied 'n geneesheer onmiddellik en toon hierdie etiket aan hom.

ALHOEWEL HIERDIE MIDDEL 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 KLIMAATS- EN BERGINGSTOESTANDE; EN DIE VOORKOMS VAN WEERSTAND VAN DIE INSEK TEEN DIE BETROKKE MIDDEL SOWEL AS DIE METODE TYD EN AKKURAAKHEID 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 MIDDEL AS GEVOLG VAN DIE VERSUIM VAN DIE GEBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONSTAAN VAN TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE DIREKTORAAT IN DIE GEVAL VAN ENIGE ONSEKERHEID.

VOORSORGMAATREËLS:

Moet nie in die teenwoordigheid van persone wie sensitief is vir piretroïede, gebruik nie.

In die geval van tekens van sensitiwiteit, kry mediese hulp.

Vermyn die inaseming van dampe en spuitnewel.

Alle persone in direkte kontak met die insekmiddel, sowel as die merkers moet beskermende klere dra soos oorpakke, handskoene, oogbeskerming en 'n geskikte gesigmasker.

Was besmette klere sodra die dag se spuitwerk klaar is.

In die geval van toevallige velkontak was onmiddellik met seep en koue water.

Moet nie eet, drink of rook gedurende bespuiting of voordat hande en gesig gewas is nie (verkleef).

Vermyn die besoedeling van voedsel, voer, eetgerei of drinkwater.

Vermyn die oorwaai van spuitstof na riviere, damme en gebiede wat nie behandel word nie.

Sorg dat alle spuitapparaat skoon is voordat dit weer gebruik word. Verwyder waswater op so 'n manier dat dit nie voedsel, weiding of water sal besoedel nie.

Vernietig leë houers deur dit te deurboor en plat te slaan en moet nie weer vir enige ander doel gebruik nie.

Hou kinders en diere weg van opgestapelde- en gestorte materiaal.

Geen werker mag deelneem aan die hantering of vermengingsproses terwyl laasgenoemde aan enige ernstige kwaal ly of selfs minder ernstige klagtes soos brongitis of maagaandoening het nie.

SIMPTOME VAN VERGIFTIGING

Angstigheid, spysverteringskanaal ongemak, rillings, duiseligheid, hoofpyn, lusteloosheid, naarheid en braking, maagpyn, spier fassikulasie van ledemate, bewusteloosheid, stuiptrekkings en koma (baie hoë dosisse).

NOODHULPBEHANDELING

Verwyder pasiënt van die bron van vergiftiging na 'n goed geventileerde omgewing en hou hom kalm en gerusgestel. Verwyder besoedelde klere en spoel die besmette liggaamsdele deeglik met baie seep en

koue water af. Na oogkontak, spoel besmette oë uit met skoon water en kontak 'n geneesheer. Indien ingesluk, moenie braking induseer nie. Spoel mond met water uit en kontak 'n geneesheer onmiddellik.

NOTA AAN GENEESHEER

Behandel simptome. Monitor bloeddruk en polsslag (hartvertraging en hipotonia kan voorkom) en gee kunsmatige asemhaling indien verlamming intree. Maatreëls soos maagspoeling om die gif uit die liggaam te verwyder kan gebruik word.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

<u>PLAAG</u>	<u>DOSIS/HA</u>	<u>OPMERKINGS</u>
BRUIN SPRINKAAN (gregaria- fase)	Grondtoediening: Area maat: 17,5 g ab*/ha Volume maat: 2,5 ℓ/ha	Beheer moet teen voetgangerswerms en volwasse swerms toegepas word. Gregariafase-voetgangerswerms sowel as volwasse swerms moet verkieslik behandel word by slaapplekke gedurende die vroeë oggend en laat na-middag. SIEN BESKRYWING VAN ONTWIKKELING STADIUMS.

*ab = aktiewe bestanddeel

BESKRYWING VAN GREGARIAFASE-BRUINSPRINKAAN ONTWIKKELINGSSTADIUMS:

1ste - 3de instar - $\pm 0,5$ - 1 cm lank - 1ste instar swart en dan daarna swart en mosterd/bruinkleur.

4de - 5de instar - $\pm 1,25$ - 2,5 cm lank - swart en helder oranje-kleur ("rooibaadjies").

Seksueelvolgroeide-volwassenes - ± 4 - 6 cm lank - volwassene (vliegstadium) - agtervlerke met blou gekleur.

Primêre-teelgebied - Karoostreek.

AS U ONSEKER IS OOR DIE IDENTIFIKASIE VERWYS NA SPRINKAANAVORSINGSEENHEID, LANDBOUNAVORSINGSRAAD (Rietondale, Pretoria).

BESONDERHEDE VAN GRONDBESPUITINGSMETODE:

Rugsak of gemotoriseerde toedienings-apparate wat druppels in die 70 - 100 um VMD bestek produseer.

METEOROLOGIESE FAKTORE WAT BETREKKING OP GRONDOEDIENING HET:

Spuitbaanwydte hang van tipe apparaat en windsnelheid af.

In die geval van 'n roterende gaasskyf/skyfapparaat is 'n dwarswind van ten minste 2 km/uur essensieel. In die geval van 'n gemotoriseerde newelblaser is ligte wind ook voordelig. Windsnelheid moet nie 8 m/sek oorskry nie.

TURBULENSIE EN HUMIDITEIT:

Omdat ULV druppels oliegebaseer is, en lae vlugtigheid het, word hulle nie deur veranderinge in Relatiewe Humiditeit beïnvloed nie. Onder warm droë toestande waar die temperatuur 25 °C oorskry kan meer turbulensie verwag word, wat druppel-deposisie in die teiken-areas nadelig sal beïnvloed. Dit is dus raadsaam om gedurende die koeler dele van die dag te spuit.

Vir enige produk navrae, skakel Bayer Environmental Science - 011 921 5911. Slegs vir vergiftigingsnoodgevälle kan Griffon Gif Inligtingsentrum ook gekontak word - 082 446 8946.

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