Sample Label

BAYER

BISCAYA®
240 OD

5 l

Insecticide

A foliar applied systemic oil dispersion insecticide for the control of the insects mentioned on the crops listed.

contains:
Thiacloprid (chloro-nicotinyl)

ZA85794965B - SOUTH AFRICA

BISCAYA®
240 OD

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

Reg. No. L9350 (Act No. 36 of 1947)

A foliar applied systemic oil dispersion insecticide for the control of the insects mentioned on the crops listed.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L9350 (Wet Nr. 36 van 1947)

'n Blaartoegediende sistemiese olie oplosbare dispersie insekdoder vir die beheer van insekte op die gewasse soos genoem.

GROUP / GROEP | 4A | INSECTICIDE / INSEKDODER

DANGER

HAZARD STATEMENTS:
Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility. May damage the unborn child. Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF SWALLOWED, immediately call a POISON CENTER/doctor/physician.

Active ingredient:
Thiacloprid (chloro-nicotinyl).......... 240 g/ℓ

Aktiewe bestanddeel:
Thiacloprid (chloro-nicotinyl).......... 240 g/ℓ

REGISTERED BY / GEREGISTREER DEUR: Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
P.O. Box/Posbus 143, Isando 1600 South Africa/Suid-Afrika
TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911
IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: 0861 555 777

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BATCH NUMBER / LOTNOMMER: See on pack
DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

Bayer

UN No. / VN Nr.: 3082

RSA/0923/Biscaya 5L/Back Label
Code: ZA85751409D

WARNINGS:

HAZARD STATEMENTS:
- Harmful if swallowed.
- Causes skin irritation.
- Causes serious eye irritation.
- May cause drowsiness or dizziness.
- Suspected of causing cancer.
- May damage fertility. May damage the unborn child.
- Very toxic to aquatic life with long lasting effects.

POTATOES: ALLOW 7 DAYS BETWEEN LAST APPLICATION AND HARVEST.
BRASSICA VEGETABLES: (Cabbage, broccoli, Brussels sprouts, cauliflower) ALLOW 7 DAYS BETWEEN LAST APPLICATION AND HARVEST.
CARROTS: ALLOW 7 DAYS BETWEEN LAST APPLICATION AND HARVEST.

IF THE CROP TO BE TREATED IS INTENDED FOR EXPORT, CONSULT THE RELEVANT EXPORTING ORGANISATION REGARDING MRL REQUIREMENTS AND WITHHOLDING PERIODS. WHEN THIS PRODUCT IS USED ACCORDING TO THE LABEL RECOMMENDATIONS SET HEREIN, THE LOCAL MRL WILL NOT BE EXCEEDED. BAYER (PTY) LTD CANNOT, HOWEVER, BE HELD LIABLE FOR EXPORT CROPS EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.

- Handle with care.
- Ensure that containers are tightly closed and keep in a dry, cool and well-ventilated place.
- Store in original container away from food and feedstuffs where it is accessible by authorized persons only.
- Keep out of reach of children, uninformed persons and animals.
- RE-ENTRY: Do not enter treated area within 1 day after treatment unless wearing protective clothing.

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 PEST 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 OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

PRECAUTIONARY STATEMENTS:
- Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- Wear protective gloves/ protective clothing/ eye protection/ face protection.
- IF SWALLOWED, immediately call a POISON CENTER/doctor/physician.

- Wash contaminated clothing daily.
- Avoid contact with skin, eyes and clothing.
- Wash with soap and water after use or accidental skin contact.
- Do not eat, drink or smoke whilst mixing, applying or before washing hands and face.
- Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Rinse empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsings to the contents of the tank before disposing of the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

FIRST AID TREATMENT:

General advice: Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Inhalation: Move to fresh air and keep the patient warm and at rest. Call a physician or poison control centre immediately.

Skin contact: Wash off thoroughly with soap and plenty of water if available with polyethyleneglycol 400. Subsequently rinse with water. If symptoms persist, call a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If eye irritation or redness persists, see an ophthalmologist.

Ingestion: Call a physician or poison control center immediately. Rinse mouth. 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).

Most important symptoms and effects, both acute and delayed: Nausea, vomiting, diarrhea, salivation, headache, dizziness, confusion, excitement, bradycardia, tachycardia, coma, hypotension, respiratory paralysis.

NOTE TO PHYSICIAN:

Treatment: Treat symptomatically. Monitor: respiratory and cardiac functions. Oxygen or artificial respiration if needed. In case of ingestion gastric lavage should be considered and in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

There is no specific antidote.

RESISTANCE MANAGEMENT:

Biscaya 240 OD is a group code 4A insecticide. Any insect population may contain individuals naturally resistant to **Biscaya 240 OD** and other group code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **Biscaya 240 OD** or any other group code 4A insecticides.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code.
- Alternate with products from different insecticide group codes.
- **Potatoes, brassicas and carrots:** Two foliar applications are permitted regardless of whether a neonicotinoid insecticide has previously been used on the crop as a **seed, seed-tray or soil** treatment. Where a neonicotinoid seed, seed-tray or soil treatment has been used, the first subsequent foliar spray should be with a non-neonicotinoid containing product with a different mode of action.
- Alternate with non-neonicotinoid containing products between foliar applications of neonicotinoids.
- Integrate other control methods (chemical, cultural, biological) into insect control programes.

For the latest crop guidelines refer to the IRAC Website www.irac-online.org or enquiries@irac-online.org OR contact the registration holder.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

- **Biscaya 240 OD** has been tested INTERNATIONALLY on a wide range of Brassica vegetable and carrot cultivars as well as locally on a range of potato cultivars. **As Biscaya 240 OD was not tested locally on Brassica vegetables, carrots and some potato varieties, it is advisable to first check for crop safety by spraying Biscaya 240 OD over a small area of the crop**.

COMPATIBILITY:

Biscaya 240 OD is compatible with the following fungicides and insecticides in potatoes: **Antracol 70 WP** (Reg. No. L2065), **Folicur 250 EW** (Reg. No. L3857), **Infinito 687,5 SC** (Reg. No. L8470), **Melody Duo 69 WG** (Reg. No. L6714), **Milraz 76 WP** (Reg. No. L2879), **Nativo** (Reg. No. L8942), **No-Blite** (Reg. No. L6681), **Twist 500 SC** (Reg. No. L7628), **Belt** (Reg. No. L8860), **Bulldock Beta 125 SC** (Reg. No. L7612) and **Decis Forte** (Reg. No. L6563).

The compatibility may be influenced by the formulation of the other products as well as the quality of the dilution water. A physical compatibility test should always be carried out before spraying.

MIXING INSTRUCTIONS:

- Shake well before use.
- Half-fill the spray tank with water and then, whilst agitating, add the required quantity of **Biscaya 240 OD**. Top up with water while agitating. **It is very important for the water to be in agitation while adding the required amount of Biscaya 240 OD**.
- Continue agitation at all times during spraying and stoppages until the tank is completely empty.
- Spray immediately after mixing.
- Wash equipment thoroughly immediately after use and drain.

APPLICATION TABLE:

CROP/PEST	DOSAGE RATE	REMARKS
POTATOES Aphids *(Myzus persicae)*	400 mℓ/ha in 450 to 500 ℓ water/ha	Commence with **Biscaya 240 OD** applications at the start of aphid infestation. **Biscaya 240 OD** may be sprayed twice in a programme in alternation with insecticides with a different mode of action.
BRASSICAS (cabbage, brocolli, Brussels sprouts, cauliflower). Aphids *(Brevicoryne brassicae* and *Myzus persicae)* **CARROTS** Aphids *(Cavariella aegopodii)*	400 mℓ/ha in 200 to 400 ℓ water/ha	Ensure good coverage of the plants. Commence with **Biscaya 240 OD** applications at the start of aphid infestations. Levels of aphid control may be reduced where high, established populations are present. In such circumstances a second application may be required.

Antracol®, **Folicur**®, **Infinito**®, **Melody**®, **Milraz**®, **Nativo**®, **No- Blite**®, **Twist**®, **Belt**®, **Bulldock**® and **Decis**® are registerd tradesmarks of the Bayer Group.

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WAARSKUWINGS:

GEVAARVERKLARINGS:
- Skadelik indien ingesluk.
- Veroorsaak velirritasie.
- Veroorsaak ernstige oogirritasie.
- Mag slaperigheid of duiseligheid veroorsaak.
- Vermoede dat dit kanker veroorsaak.
- Mag vrugbaarheid of die ongebore kind beskadig.
- Baie giftig vir waterlewende organismes met langdurige gevolge.

AARTAPPELS: LAAT 7 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.
KOOL GEWASSE: (Kopkool, broccoli, Brusselse spruitjies en blomkool): LAAT 7 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.
WORTELS: LAAT 7 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.

INDIEN DIE GEWAS WAT BEHANDEL GAAN WORD VIR UITVOERDOELEINDES BEDOEL IS, RAADPLEEG DIE BETROKKE UITVOERORGANISASIE VIR MRL VEREISTES EN ONTHOUDINGSPERIODES. WANNEER HIERDIE PRODUK GEBRUIK WORD IN OOREENSTEMMING MET DIE AANBEVELINGS HIERIN UITEENGESIT, SAL DIE PLAASLIKE MRL NIE OORSKRY WORD NIE. BAYER (EDMS) BPK KAN EGTER NIE VERANTWOORDELIK GEHOU WORD VIR UITVOERGEWASSE WAT DIE MAKSIMUM RESIDUPERKE VAN ANDER LANDE OORSKRY NIE.

- Hanteer versigtig.
- Verseker dat houers dig toegemaak is en stoor in 'n droë, koel en goed geventileerde plek.
- Stoor in oorspronklike houers weg van voedsel en voer waar dit slegs deur gemagtigde persone toeganklik is.
- Hou buite bereik van kinders, oningeligte persone en diere.
- HERBETREDING: Moet nie behandelde gebied binne 1 dag na bespuiting betree nie tensy beskermende oorklere gedra word.

ALHOEWEL HIERDIE MIDDEL 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 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 MIDDEL 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 MIDDEL AS GEVOLG VAN DIE VERSUIM 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.

VOORSORGMAATREËLS:

VOORSORGSVERKLARINGS:
- Moet nie poeier/walm/gas/stuifsel/dampe/spuitstof inasem nie..
- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.
- INDIEN INGESLUK: Verkry onmiddellik mediese noodhulp.

- Was gekontamineerde klere daagliks.
- Vermy kontak met die vel, oë en klere.
- Was met seep en water na gebruik of toevallige velkontak.
- Moenie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.
- Maak spuitapparaat skoon na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, weiding, riviere en damme kan besoedel nie.

- Spoel leë houer drie keer uit met 'n volume water gelyk aan ten minste een tiende van die van die houer en voeg die uitspoelwater by die inhoud van die spuittenk voordat van die houer op die voorgeskrewe metode ontslae geraak word.
- Vernietig leë houer deur gate daarin te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

NOODHULPBEHANDELING:
Algemene advies: Beweeg uit die gevaar area uit. Plaas die pasient op sy/haar sy en vervoer in 'n stabiele posisie. Verwyder onmiddelik besmette klere en raak op 'n veilige manier daarvan ontslae.
Inaseming: Verskuif na vars lug en hou die pasient warm en rustig. Kontak onmiddelik 'n geneesheer of die Gif Beheer Sentrum.
Velkontak: Was deeglik af met seep en genoegsame water en indien beskikbaar met polyethyleneglikol 400. Spoel hierna af met water. Ontbied 'n geneesheer indien die simptome voortduur.
Oogkontak: Spoel onmiddellik vir ten minste 15 minute met genoegsame water, ook onder die ooglede. Verwyder kontaklense na die eerste 5 minute indien teenwoordig, en hou aan met spoeling. Indien oog irritasie of rooiheid voortduur, sien 'n oogarts.
Ingesluk: Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum. Spoel mond. Veroorsaak braking slegs indien, 1. die pasient by sy/haar volle bewussyn is, 2. mediese hulp nie geredelik beskikbaar is nie, 3. 'n beduidende hoeveelheid (meer as 'n mondvol) ingesluk is en 4. die tydsverloop sedert die gifstof ingeluk is minder as een uur is. (braaksel moet nie in die asemhalings kanaal beland nie).
Mees belangrike simptome en gevolge, beide akuut en vertraagde: Naarheid, braking, diarree, speekselafskeiding, hoofpyn, duiseligheid, verwarring, opwinding, bradikardie, tagikardie, koma, hipotensie, respiratoriese verlamming.

NOTA AAN GENEESHEER:
Behandeling: Behandel simptomaties. Monitor asemhalings- en hart funksies. Suurstof of kunsmatige asemhaling indien nodig.
In die geval van inname behoort maagspoeling in ag geneem te word en in gevalle van beduidende innames slegs binne die eerste 2 ure. Die toediening van geaktiveerde houtskool en natrium sulfaat is egter altyd raadsaam.
Daar is geen spesifieke teenmiddel nie.

WEERSTANDSBESTUUR:
Biscaya 240 OD is 'n groepkode 4A insekdoder. Enige insek poppulasie mag individue insluit wat 'n natuurlike weerstand teen **Biscaya 240 OD** 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 **Biscaya 240 OD** of enige ander groepkode 4A insekdoder beheer word nie.
Om weerstand teen insekdoders te vertraag:
- Vermy die eksklusiewe herhaaldelike gebruik van insekdoders in dieselfde insekdoder groepkode.
- Wissel af met produkte in verskillende insekdoder groepkodes.
- **Aartappels, kool gewasse en wortels:** Twee blaar toediengs word toegelaat ongeag of 'n neonicotinoid insekdoder voorheen op die gewas as 'n saad-, saailaai- of grond behandeling gebruik was. Waar 'n neonicotinoid saad-, saailaai- of grond behandeling gebruik was, behoort die eerste daaropvolgende blaar bespuiting gedoen te word met 'n nie-neonicotinoid bevattende produk met 'n ander metode van werking.
- Wissel af met nie-neonicotinoid bevattende produkte tussen neonicotinoid blaar bespuitings.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in insekbeheer programme.

Vir die nuutste gewas riglyne verwys na die IRAC webtuiste www.irac-online.org of enquiries@irac-online.org OF kontak die registrasiehouer.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

- **Biscaya 240 OD** is INTERNASIONAAL op 'n wye verskeidenheid van kool gewas- en wortel kultivars, en lokaal op 'n reeks aartappel kultivars getoets. **Aangesien Biscaya 240 OD nie lokaal op kool gewas, wortel en sommige aartappel kultivars getoets is nie, is dit raadsaam om eers vir gewas veiligheid te toets deur Biscaya 240 OD op 'n klein gedeelte van die gewas te spuit.**

VERENIGBAARHEID:

Biscaya 240 OD is verenigbaar met die volgende swam- en insekdoders op aartappels: **Antracol 70 WP** (Reg. Nr. L2065), **Folicur 250 EW** (Reg. Nr. L3857), **Infinito 687,5 SC** (Reg. Nr. L8470), **Melody Duo 69 WG** (Reg. Nr. L6714), **Milraz 76 WP** (Reg. Nr. L2879), **Nativo** (Reg. Nr. L8942), **No-Blite** (Reg. Nr. L6681), **Twist 500 SC** (Reg. Nr. L7628), **Belt** (Reg. Nr. L8860), **Bulldock Beta 125 SC** (Reg. Nr. L7612) en **Decis Forte** (Reg. Nr. L6563).

Die verenigbaarheid mag beïnvloed word deur die formulasie van die ander produkte en die kwaliteit van die verdunningswater. 'n Fisiese verenigbaarheidstoets behoort altyd uitgevoer te word voor bespuiting.

MENGINSTRUKSIES:

- Skud goed voor gebruik.
- Maak die spuittenk halfvol met water en voeg dan die vereiste hoeveelheid **Biscaya 240 OD** by terwyl die water geroer word. Maak verder vol met water terwyl geroer word. **Dit is baie belangrik om die water te roer terwyl die vereiste hoeveelheid Biscaya 240 OD bygevoeg word**.
- Hou te alle tye aan met roering gedurende bespuiting en onderbrekings totdat die spuittenk volkome leeg is.
- Spuit onmiddellik na vermenging.
- Was die toerusting deeglik onmiddellik na gebruik en dreineer.

TOEDIENINGSTABEL:

GEWAS/PLAAG	TOEDIENINGSHOEVEELHEID	OPMERKINGS
AARTAPPELS Plantluise *(Myzus persicae)*	400 mℓ/ha in 450 tot 500 ℓ water/ha	Begin met **Biscaya 240 OD** bespuitings wanneer die eerste plantluise waargeneem word. **Biscaya 240 OD** mag 2 keer in ‘n program toegedien word, in afwisseling met insekdoders met 'n verskillende metode van werking.
KOOL GEWASSE (Kopkool, broccoli, Brusselse spruitjies en blomkool). Plantluise *(Brevicoryne brassicae* en *Myzus persicae)* **WORTELS** Plantluise *(Cavariella aegopodii)*	400 mℓ/ha in 200 tot 400 ℓ water/ha	Verseker deeglike bedeking van die plante. Begin met **Biscaya 240 OD** bespuitings wanneer die eerste plantluise waargeneem word. Laër vlakke van plantluis beheer kan verwag word in gevalle waar hoë, gevestigde poppulasies teenwoordig is. In sulke gevalle word 'n tweede bespuiting aanbeveel.

Antracol®, **Folicur**®, **Infinito**®, **Melody**®, **Milraz**®, **Nativo**®, **No- Blite**®, **Twist**®, **Belt**®, **Bulldock**® en **Decis**® is geregistreerde handelsmerke van die Bayer Groep.

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Code: 85751409D