

BELT®

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

Reg. No. L8860 (Act No. 36 of 1947)
Namibian Registration No. N-AR 1375

A foliar applied non systemic suspension concentrate insecticide for the control of the insect pests mentioned on the crops listed.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L8860 (Wet Nr. 36 van 1947)
Namibiese Registrasie Nr. N-AR 1375

'n Blaartoegediende nie-sistemiese suspensie konsentraat insekdoder vir die beheer van die genoemde insekplae op die gewasse soos aangedui.

INSECTICIDE GROUP CODE 28 INSEKDODERGROEPKODE

Active ingredient:

Flubendiamide
(phthalic acid diamide).....480 g/l

Aktiewe bestanddeel:

Flubendiamide
(phthalic acid diamide).....480 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: 086 155 5777

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BATCH NUMBER: See on pack
LOTNOMMER:

DATE OF MANUFACTURE: Sien op houer
DATUM VERVAARDIG:

Bayer

RSA/0118/Belt 1L/Sales Panel
Code: 84937657D



BELT®

Insecticide

A foliar applied non systemic suspension concentrate insecticide for the control of the insect pests mentioned on the crops listed.

contains:
Flubendiamide
(phthalic acid diamide)

Packaging / Verpakking:

1 L



CAUTION
VERSIGTIG



Insekdoder

WAARSKUWINGS:

AARTAPPELS: LAAT 14 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.

BLAARGROENTES (Andyvie, blaarslaai, kopslaai, spinasie): LAAT 1 DAG TOE TUSSEN LAASTE TOEDIENING EN OES.

KRUIE: LAAT 1 DAG TOE TUSSEN LAASTE TOEDIENING EN OES.

KOOLGROENTES (Broccoli, Brusselse spruitjies, kool, blomkool): LAAT 3 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.

KOOL BLAARGROENTES (Sjinese kool, Mosterd): LAAT 1 DAG TOE TUSSEN LAASTE TOEDIENING EN OES.

STEEL en STINGEL GROENTES (Rabarber, seldery): LAAT 1 DAG TOE TUSSEN LAASTE TOEDIENING EN OES.

TABAK: LAAT 14 DAE TOE TUSSEN LAASTE TOEDIENING EN OES

TAMATIES: LAAT 1 DAG TOE TUSSEN LAASTE TOEDIENING EN OES.

VRUGTEDRAENDE GROENTES (Eiervrug, komkommers, pampoene, paprika, soetrissies, skorsies, spanspek): LAAT 1 DAG TOE TUSSEN LAASTE TOEDIENING EN OES.

MIELIES:

LAAT 1 DAG TUSSEN LAASTE TOEDIENING EN OES VAN MIELIES VIR VOER EN SILAGE SOWEL AS VIR SUIKERMIELIES.

LAAT 28 DAE TUSSEN LAASTE TOEDIENING EN OES VAN MIELIES EN VIR WEIDING

LET WEL: Die aanbevole onthoudingsperiode tussen laaste toediening en oes voldoen aan die vereistes vir plaaslike residuvlakke maar mag dalk nie voldoen aan die vereistes vir uitvoer nie. Indien die behandelde gewas bestem is vir die uitvoermark, skakel met die betrokke uitvoerliggaam voor toediening van die produk, rakende onthoudingsperiodes.

Berg in 'n koel plek weg van voedsel, drinkgoed en veevoer.

Hou buite bereik van kinders, oningeligte persone en diere.

Uiters giftig vir akwatiese lewe met lang blywende effekte.

Stoor in oorspronklike dig toegemaakte houër in 'n koel, droë en goed geventileerde landbouchemiese stoor. Vermyn temperature minder -10°C en meer as 40°C.

Stoor in 'n plek wat slegs toeganklik is vir gemagtigde persone.

HERBETREDING: Moet nie behandelde gebied betree alvorens die spuitresidu reeds droog geword het nie, tensy beskermende klere gedra word.

LUGBESPUITING: Stel alle inwoners van die onmiddellike gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. **Moenie oor water en aangrensende gebiede spuit nie en sorg dat spuitstofwegdrywing nie dergelike gebiede besoedel nie.** Verwys ook na die SANS Gebruikskode vir lugtoediening van landbouchemikalieë.

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 BEÏNVOLED 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 PLAGA 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:

Dra rubber handskoene, veiligheidsbril en 'n oorpak wanneer die produk hanteer word.

Moet nie spuitdampe inasem nie.

Was met seep en water onmiddellik na gebruik of toevallige velkontak.

Moenie eet, drink of rook tydens vermenging en toediening of voordat hande en gesig gewas is nie.

Was besoedelde klere daagliks.

Maak spuitapparaat skoon na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, weiding, riviere en damme kan besoedel nie.

Voorkom oorwaai van spuitstof na ander gewasse, weiding, riviere en damme.

Spoel leë houër drie keer uit met 'n volume water gelyk aan ten minste een tiende van die houër en voeg die uitspoelwater by die inhoud van die spuittenk voordat van die houër op die voorgeskrewe metode ontslae geraak word.

Vernietig leë houër 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.

WEERSTANDBESTUUR:

BELT is 'n groeppkode 28 insekdoder. Enige populasie van 'n spesifieke insek mag individue insluit wat 'n natuurlike weerstand teen **BELT** of enige ander groeppkode 28 insekdoder het. Indien hierdie insekdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die insekpopulasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur **BELT** of enige ander groeppkode 28 insekdoder beheer word nie.

Om weerstand teen insekdoders te vertraag:

- Vermyn die eksklusiewe herhaaldelike gebruik van insekdoders in dieselfde insekdoder groeppkode. Wissel af met produkte van verskillende insekdoder groeppcodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in insekbeheer programme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

LUGTOEDIENING: (Aartappels alleenlik)

BELT kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118 (Aerial Application of Agricultural Pesticides) uit die lug bespuit word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:

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- **Volume:** 'n Suiptmengsel volume van 30 tot 40 ℓ per ha word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume toegedien word as wat hierbo aanbeveel word nie.
- **Druppel bedekking:** 25 tot 35 druppels per cm² moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 280 tot 300 mikron word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die spuitbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik, uitklim of draai nie.
- Gebruik geskikte **atomiseringsapparaat** wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste maatskappij Relatiewe Span produseer.
- Plaas al die atomiseerders in die binneste 60 tot 75% van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvorteks** beweeg.
- Die verskil in **temperatuur** tussen die nat- en droëboltermometer van 'n swaaihigrometer, moet nie 8 °C oorskry nie.
- Stop bespuiting indien die **windspoed** 15 km/h oorskry.
- Stop bespuiting tydens **turbulente**, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur **inversie toestande** (deur bo of binne die inversie laag te spuit) en/of **hoë lugvog toestande** (relatiewe humiditeit 80 % en meer) mag tot volgende probleme aanleiding gee:
 - verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en maatskappij verdamp (onvoldoende bedekking op teiken).
 - skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om die versekering van die Lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

VERENIGBAARHEID:

BELT is nie getoets vir die verenigbaarheid met produkte wat geregistreer is vir die gebruik op die volgende gewasse nie:

- **Blaargroentes** (insluitend andyvie, blaarslaai, kopslaai en spinasie),
- **Kruie**
- **Koolgroentes** (insluitend blomkool, broccoli, Brusselse spruitjies, kool, mosterd, en Shinese kool),
- **Steel en stingel groentes** (insluitend rabarber en seldery),
- **Vrugtedraende groente** (insluitend eivrug, komkommers, pampoen, paprika, skorsie, soetrissie en spanspek).

Aartappels:

BELT is verenigbaar met **Folicur® 250 EW** (Reg. Nr. L3587), **Infinito®** (Reg. Nr. L8470), **Melody® Duo 69 WG** (Reg. Nr. L6714), **Melody® Duo 69 WP** (Reg. Nr. L8829), **No-Blite®** (Reg. Nr. L6681) en **Twist® 500 EC** (Reg. Nr. L7628) wat geregistreer is vir gebruik op aartappels.

Tamaties:

BELT is verenigbaar met **Antracol® 70 WP** (Reg. Nr. L2065), **Folicur® 250 EW** (Reg. Nr. L3587), **Milraz® 76 WP** (Reg. Nr. L2879), **No-Blite®** (Reg. Nr. L6681) en **Rovral Flo®** (Reg. Nr. L1046).

TOEDIENINGSTABEL:

GEWAS/PLAAG	TOEDIENINGSHOEVEELHEID	OPMERKINGS
AARTAPPELS Aartappelmot <i>(Phthorimaea operculella)</i> Tamatie Blaarmyner <i>(Tuta absoluta)</i>	100 ml/ha	Grond- en Lugtoediening: Verseker deeglike benatting van die plante. Dien toe direk voor of met eerste tekens van 'n infestasië (eierlegging). Herhaal met 7-10 dae intervalle met minimum van 3 opeenvolgende toedienings. Beperk die aantal toedienings tot maksimum van 4 per seisoen. Wissel af met plaagdoders van verskillende chemiese groepe indien meer as 4 toedienings vereis word. Erd ten minste twee keer op tydens die groeiseisoen om te verseker dat die knolle deeglik bedek is met grond.
KOOL GROENTES Kool: Ruitrugmot <i>(Plutella xylostella)</i>	50 ml/ha	Verseker deeglike benatting van die plante. Dien toe direk voor of met eerste tekens van 'n infestasië (eierlegging). Herhaal met 7-10 dae intervalle met 'n minimum van 3 opeenvolgende toedienings. Beperk die aantal toedienings tot 'n maksimum van 4 per seisoen. Wissel af met plaagdoders van verskillende chemiese groepe indien meer as 4 toedienings vereis word.
Amerikaanse bolwurm <i>(Helicoverpa spp.)</i>	75 of 100 ml/ha of 10 ml/100 ℓ water (Voeg 'n nie-ioniese benattingmiddel teen die geregistreerde dosis by)	Gebruik die hoër toedieningshoeveelheid ten tye van matige tot hoë infestasië druk of wanneer verlengde toedieningsintervalle gebruik word.

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GEWAS/PLAAG	TOEDIENINGSHOEVEELHEID	OPMERKINGS
KOOL GROENTES Broccoli, Brusselse spruitjies, blomkool, Sjinese kool, Mosterd: Ruitrugmot <i>(Plutella xylostella)</i> Amerikaanse bolwurm <i>(Helicoverpa spp.)</i>	75 of 100 m//ha of 10 m//100 ℓ water	Kontroleer gewasse en begin insekdoder toediening sodra lokale ekonomiese spuit drempelwaardes bereik word. Dien toe met uitbroei van eiers in gewasse met 'n zero skade drempel Dien andersins toe met uitbroei van eiers of kort daarna om sodoende jong larwes te teiken. Begin toediening vir aartappelmot wanneer jong larwes die eerste keer in die blare opgemerk word.
VRUGTEDRAENDE GROENTES Eiervrug, Paprika, Soetrissies: Amerikaanse bolwurm <i>(Helicoverpa spp.)</i> Aartappelmot <i>(Phthorimaea operculella)</i>	100 of 150 m//ha of 10 of 15 m//100 ℓ water	Gebruik die hoër toedieningshoeveelheid gedurende periodes van matige en hoë plaag druk of waar verlengde spuit tussenposes gebruik word. Spuit intervalle van 7 - 14 dae is oor die algemeen geskik. 'n Maksimum van 3 toedienings kan op enige gewas gedoen word, binne 'n tydperk van nie minder as 14 dae nie.
VRUGTEDRAENDE GROENTES (pampoengewasse) Komkommers, Pampoene, Skorsies, Spanspek: Amerikaanse bolwurm <i>(Helicoverpa spp.)</i>	100 m//ha	Verseker deeglike bedekking van die teikengewas. Die byvoeging van 'n bevorderingsmiddel sal die doeltreffendheid van die meeste BELT bespuitings verbeter. 'n Geskikte benatter MOET gebruik word wanneer BELT op kool groentes toegedien word.
KRUIE Ruitrugmot <i>(Plutella xylostella)</i>	75 of 100 m//ha of 10 m//100 ℓ water	
Aartappelmot <i>(Phthorimaea operculella)</i> Amerikaanse bolwurm <i>(Helicoverpa spp.)</i>	100 of 150 m//ha of 10 of 15 m//100 ℓ water	
BLAARGROENTES Andyvie, Blaarslaai, Kopslaai, Spinassie: Amerikaanse bolwurm <i>(Helicoverpa spp.)</i> Herfs kommandowurm <i>(Spodoptera frugiperda)</i>	75 of 100 m//ha	
STEEL en STINGEL GROENTES Rabarber, Seldery: Amerikaanse bolwurm <i>(Helicoverpa spp.)</i>	75 of 100 m//ha	

GEWAS/PLAAG	TOEDIENINGSHOEVEELHEID	OPMERKINGS
MIELIES Herfs kommandowurm <i>(Spodoptera frugiperda)</i>	220 m//ha	Voor pluimvorming: 5% van die plante besmet is met eiers of pas uitgebroei larwes of 50% van die plante met klein wurms in die kelke. 'n Bevorderingsmiddel mag gebruik word om die bedekking en beheer te verbeter. Goeie bedekking van die blare is nodig vir optimale beheer. Dien toe in genoeg water om optimale bedekking te verseker.
TABAK Amerikaanse bolwurm <i>(Helicoverpa armigera)</i> Tamatie Blaamyner <i>(Tuta absoluta)</i>	13 m// 100 ℓ water toegedien in 'n minimum van 250 ℓ/ha	Verken vir wurms elke 5-7 dae tot en met top. Dien BELT toe wanneer daar meer as 10 wurms per 100 plante teenwoordig is. NB. Vir optimale werking, verseker genoegsame penetrasie van die spuitmengsel op ongetopte plante. Herhaal die toediening op 7-10 dag intervalle, afhangende van herinfestasië en plaag druk.
TAMATIES Amerikaanse bolwurm <i>(Helicoverpa armigera)</i> Valslandmeter <i>(Chrysodeixis acuta)</i> Tamatie Blaamyner <i>(Tuta absoluta)</i>	15 m//100 ℓ water	Verseker deeglike benatting van die plante. Dien toe as hoë volume dekbepuiting (500 ℓ/ha vir plante van tot 60 cm hoog en 1 000 ℓ of meer vir plante hoër as 60 cm) voor of met die eerste tekens van 'n infestasië (eierlegging). Herhaal met 7-10 dae intervalle met 'n minimum van 3 opeenvolgende toedienings. Beperk die aantal toedienings tot 'n maksimum van 4 per seisoen. Wissel af met plaagdoders van verskillende chemiese groepe indien meer as 4 toedienings vereis word.

Insekdoder

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

Rovral Flo® is 'n geregistreerde handelsmerk van FMC Korporasie of sy filiale.

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WARNINGS:

BRASSICA VEGETABLES (broccoli, Brussels sprouts, cabbage, cauliflower): **ALLOW 3 DAYS BETWEEN LAST APPLICATION AND HARVEST.**

BRASSICA LEAFY VEGETABLES (Chinese cabbage, Mustard): **ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.**

FRUITING VEGETABLES (capsicum, cucumbers, eggplant, melon, peppers, pumpkins, squash): **ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.**

HERBS: **ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.**

LEAFY VEGETABLES: (head lettuce, leafy lettuce, endive, spinach): **ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.**

POTATOES: **ALLOW 14 DAYS BETWEEN LAST APPLICATION AND HARVEST.**

STALK and STEM VEGETABLES (celery, rhubarb): **ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.**

TOMATOES: **ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVEST.**

TOBACCO: **ALLOW 14 DAYS BETWEEN LAST APPLICATION AND HARVEST.**

MAIZE:

ALLOW 1 DAY BETWEEN LAST APPLICATION AND HARVESTING OF MAIZE FOR FORAGE AND SILAGE AS WELL AS FOR SWEET CORN

ALLOW 28 DAYS BETWEEN LAST TREATMENT AND HARVESTING OF GRAIN AND STUBBLE

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.

Store in a cool place away from food, drink and animal feeding stuffs.

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

Very toxic to aquatic life with long lasting effects.

Store in original tightly closed containers in a dry, cool and well ventilated agrochemical store. Avoid temperatures below -10°C and above 40°C.

Store in a place accessible by authorized persons only.

RE-ENTRY: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

AERIAL APPLICATION: Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. **Do not spray over or allow drift to contaminate adjacent areas or water.** Please refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

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 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 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:

Wear rubber gloves, goggles and standard overall when handling.

Do not inhale spray mist.

Wash with soap and water immediately after use or accidental contact.

Do not eat, drink or smoke whilst mixing and applying or before washing hands and face.

Wash contaminated clothing daily.

Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

Avoid spray drift onto other crops, grazing, rivers, and dams.

Rinse empty container three times with a volume water equal to at least one tenth of that of the container and add the rinsed water mixture to the contents of the spray 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, eating utensils.

RESISTANCE MANAGEMENT:

For resistance management, **BELT** is a group code 28 insecticide. Any insect population may contain individuals naturally resistant to **BELT** and other group code 28 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **BELT** or any other group code 28 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.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

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

AERIAL APPLICATION: (Potatoes only)

Aerial application of **BELT** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

Insecticide



- **Volume:** A spray mixture volume of 30 to 40 ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 25 to 35 droplets per cm² must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 280 to 300 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 meters above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable **atomising equipment** that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the **wingtip vortices**.
- The difference in **temperature** between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8 °C.
- Stop spraying if the **wind** speed exceeds 15 km/h.
- Stop spraying under **turbulent**, unstable and dry conditions during the heat of the day.
- Spraying under temperature **inversion conditions** (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

COMPATIBILITY:

BELT has not been tested for compatibility with other products registered for use on the following crops:

- **Brassica vegetables** (including broccoli, Brussels sprouts, cabbage, cauliflower, Chinese cabbage and mustard),
- **Fruiting vegetables** (including cucumbers, melons, pumpkin, squash, capsicum, eggplant and peppers),
- **Herbs**
- **Leafy vegetables** (including head lettuce, leafy lettuce, endive and spinach),
- **Stalk and Stem vegetables** (including celery and rhubarb).

Potatoes:

BELT is compatible with **Antracol® 70 WP** (Reg. No. L2065), **Folicur® 250 EW** (Reg. No. L3587), **Infinito®** (Reg. No. L8470), **Melody® Duo 69 WG** (Reg. No. L6714), **Melody® Duo 69 WP** (Reg. No. L8829), **No-Blite®** (Reg. No. L6681) and **Twist® 500 EC** (Reg. No. L7628) which is registered for use on potatoes.

Tomatoes:

BELT is compatible with **Antracol® 70 WP** (Reg. No. L2065), **Folicur® 250 EW** (Reg. No. L3587), **Milraz® 76 WP** (Reg. No. L2879), **No-Blite®** (Reg. No. L6681) and **Rovral Flo®** (Reg. No. L1046).

APPLICATION TABLE:

CROP/PEST	DOSAGE RATE	REMARKS
BRASSICA VEGETABLES Cabbage Diamond-back moth <i>(Plutella xylostella)</i>	50 mℓ/ha	Ensure proper coverage of the plants. Apply prior to or at first signs of infestation (egg laying). Repeat at 7-10 day intervals with a minimum of 3 sequential applications. Do not apply more than 4 times per season. Alternate with pesticides from a different chemical group if more than 4 applications are required.
American bollworm <i>(Helicoverpa spp.)</i>	75 or 100 mℓ/ha or 10 mℓ/100 ℓ water (Add a non-ionic surfactant at the registered rate)	Use the higher application rate during periods of moderate and high pest pressure or where extended spray intervals are used.

Insecticide



CROP/PEST	DOSAGE RATE	REMARKS
BRASSICA VEGETABLES Broccoli, Brussels sprouts, Cauliflower, Chinese cabbage, Mustard Diamond-back moth (<i>Plutella xylostella</i>) American bollworm (<i>Helicoverpa</i> spp.)	75 or 100 mℓ/ha or 10 mℓ/100 ℓ water	Monitor crops and commence insecticide applications once local economic spray thresholds are reached. Apply at egg hatch in crops with nil thresholds for damage. Otherwise, apply at or very soon after egg hatch to target young larvae. For tuber moth, commence sprays when young larvae are first detected in leaves.
FRUITING VEGETABLES Capsicum, Eggplant, Peppers: American bollworm (<i>Helicoverpa</i> spp.) Tuber moth (<i>Phthorimaea operculella</i>)	100 or 150 mℓ/ha or 10 or 15 mℓ/100 ℓ water	Use the higher application rate during periods of moderate and high pest pressure or where extended spray intervals are used.
FRUITING VEGETABLES (cucurbits) Cucumbers, Melons, Pumpkin, Squash: American bollworm (<i>Helicoverpa</i> spp.)	100 mℓ/ha	Generally, spray intervals of 7 - 14 days are suitable. A maximum of 3 applications may be applied to any one crop, within a time period of not less than 14 days.
HERBS Diamond-back moth (<i>Plutella xylostella</i>)	75 or 100 mℓ/ha or 10 mℓ/100 ℓ water	Ensure thorough coverage of the target crop.
Tuber moth (<i>Phthorimaea operculella</i>) American bollworm (<i>Helicoverpa</i> spp.)	100 or 150 mℓ/ha or 10 or 15 mℓ/100 ℓ water	The addition of an adjuvant will enhance efficacy of most spray applications of BELT . In brassica crops, a suitable adjuvant MUST be used when applying BELT .
LEAFY VEGETABLES Head lettuce, Leafy lettuce, Endive, Spinach: American bollworm (<i>Helicoverpa</i> spp.) Fall armyworm (<i>Spodoptera frugiperda</i>)	75 or 100 mℓ/ha	
STALK and STEM VEGETABLES Celery, Rhubarb: American bollworm (<i>Helicoverpa</i> spp.)	75 of 100 mℓ/ha	
POTATOES Tuber moth (<i>Phthorimaea operculella</i>) Tomato Leaf Miner (<i>Tuta absoluta</i>)	100 mℓ/ha	Ground and Aerial application: Ensure proper coverage of the plants. Apply prior to or at first signs of infestation (egg laying). Repeat at 7-10 day intervals with a minimum of 3 sequential applications. Do not apply more than 4 times per season. Alternate with pesticides from a different chemical group if more than 4 applications are required. Ridge at least twice during the growing season to ensure thorough coverage of the tubers with soil.

CROP/PEST	DOSAGE RATE	REMARKS
MAIZE Fall armyworm (<i>Spodoptera frugiperda</i>)	220 mℓ / ha	Before tasseling: 5% of the plants with egg masses or newly hatched larvae or 50% of plants with small worms in the whorls. An adjuvant may be used to improve coverage and control. Good coverage of the foliage is necessary for optimal control. Apply in sufficient water for thorough coverage.
TOBACCO American bollworm (<i>Helicoverpa armigera</i>) Tomato Leaf Miner (<i>Tuta absoluta</i>)	13 mℓ/ 100 ℓ water and apply a minimum of 250 ℓ/ha	Scout for pests every 5-7 days at up to topping time. Apply BELT if there are more than 10 budworms per 100 plants. NB. On un-topped plants, ensure adequate spray penetration of the bud for optimum performance. Repeat the application at 7-10 day intervals depending on re-infestation and pest pressure.
TOMATOES American Bollworm (<i>Helicoverpa armigera</i>) Semi-Looper (<i>Chrysodeixis acuta</i>) Tomato Leaf Miner (<i>Tuta absoluta</i>)	15 mℓ/100 ℓ water	Ensure proper coverage of the plants. Apply as a high volume full cover spray (500 ℓ/ha for plants up to 60 cm high and 1000 ℓ or more for plants higher than 60 cm) prior to or at first signs of infestation (egg laying). Repeat at 7-10 day intervals with a minimum of 3 sequential applications. Do not apply more than 4 times per season. Alternate with pesticides from a different chemical group if more than 4 applications are required.

Insecticide

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