

HARVEST PROFENOFOS 500 EC

Reg. No. L 9469, Act No 36 of 1947.

Reg Nr L 9469, Wet Nr. 36 van 1947

An emulsifiable concentrate insecticide with contact stomach and translaminar action for control of various insects on citrus, table and wine grapes, potatoes and tomatoes as listed.

'n Emulgeerbare konsentraat insek- en mytdoder met kontak-, maag- en transaminere werking vir die beheer van verskillende insekte op sitrus, tafel- en wyndruiwe, aartappels en tamaties en tamaties soos aangedui.

INSECTICIDE GROUP CODE

1B

INSEKODERGERGROEP KODE

Active Ingredient:
Profenofos (Organophosphate)
Refined Grade

500g/ℓ

AktieweBestanddeel:
Profenofos (Organofosfaat)
Hoëgraad

Nett Volume

ℓ

Netto Volume

Batch No

Distributed by:
Harvest Chemicals

Lot Nr

Registration Holder/Registrasiehouer
Cura-Chem cc

Reg.No. 2000/037398/23

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Poison Helpline: 085 155 5777

**Date of
manufacture**

**Vervaardigings-
datum**

HARVEST
CHEMICALS



WARNINGS

Withholding period – Allow the following number of days between last treatment and harvest for the crops listed below.

Citrus	60 days
Potatoes	14 days
Tomatoes	21 days

- Handle with extreme care.
- Poisonous by swallowing.
- Can cause irritation to eyes, nose, throat and skin.
- Keep out of reach of children, uninformed persons and animals.
- Store in a cool place under lock and key, away from food, feed, fertiliser and seed.
- Flammable – keep away from heat, sparks and open flames.
- Do not treat drought stressed orchard trees.
- Use appropriate acidifier to adjust pH of water.
- Remove lemon fruit larger than golf ball size before application
- Toxic to fish, bees and wildlife.
- **Flammable:** Keep away from heat, sparks and open flames.
- **Re-entry:** Do not enter the treated field within 1 day of spraying 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 sources.

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 weed against the herbicide 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 event of any uncertainty.

PRECAUTIONS:

- Do not inhale fumes or spray mist.
- Avoid contact with skin and eyes.
- Wear protective clothing when handling the concentrate (eye protection, rubber boots, gloves).
- Wash with soap and water after use.
- Wash contaminated clothing thoroughly before re-use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Rinse 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 spray tank before destroying the container in the prescribed manner. Destroy empty container by perforation and flattening and never use for any other purpose.

SYMPTOMS OF HUMAN POISONING

Typical of organophosphate pesticide poisoning – nausea, diarrhoea, excessive salivation, stomach cramps, excessive sweating, trembling, muscular twitches, confusion, blurred vision, breathing difficulties, rapid pulse, pinpoint pupils.

FIRST AID TREATMENT

Skin contact: Remove contaminated clothing and shoes. Wash thoroughly with soap and lots of water.

Eye contact: Flush eyes immediately with large amounts of clean water for approximately 15 minutes. Occasionally lift the upper and lower lids. If eye irritation persists, get medical attention.

Inhalation: Remove patient to a well ventilated area and loosen clothing around the neck. Do not give mouth to mouth. Apply artificial respiration if necessary.

Ingestion: Do not induce vomiting. Give large quantities of water to drink.

NOTE TO PHYSICIAN

Treat as a cholinesterase inhibitor. Atropine sulphate is antidote.

RESISTANCE WARNING

For resistance management **Profenofos 500 EC** is a group code 1B insecticide. Any insect population may contain individuals naturally resistant to **Profenofos 500 EC** and other group code 1B insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. **Profenofos 500 EC** or any other group code 1B insecticide may not control these resistant insects.

To delay insecticide resistance: Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes. Integrate other control methods (chemical, cultural, biological) into insect control programmes. For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE

Use only as directed

Mixing instructions

Fill the spray tank almost to capacity with clean water and adjust the pH of the water to 4.5 using RT Buff (Reg. No. L 5777, Act No. 36 of 1947) or a suitable buffer or acidifier. Add the recommended quantity of **Profenofos 500 EC** into the spray tank with agitation. Continue agitating during filling-up and while spraying. After spraying thoroughly flush out the spraying equipment with clean water.

COMPATIBILITY

Profenofos 500 EC is compatible with most insecticides and fungicides of neutral reaction. It is however not compatible with copper based products, sulphur or captab. Compatibility of **Profenofos 500 EC** may be influenced by the formulation of products involved as well as water quality. Since formulations may change and water quality may vary from farm to farm, a physical compatibility test should be carried out prior to applications.

APPLICATION INSTRUCTIONS.

Ground application – ensure the applicator is correctly calibrated.

On citrus use only high pressure, high volume applicators.

Aerial application:

Aerial application of **Profenofos 500 EC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SABS Code 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:

- **Volume:** A spray mixture volume of 30ℓ 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:** 30 to 40 droplets per cm² must be recovered on the target area.
- **Droplet size:** A droplet spectrum with a VMD of 250 to 280 microns is recommended. Limit the production of fine droplets of 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 metres 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.

APPLICATION RATES:

Crop/Pest	Profenofos 500 EC Dose	Remarks
CITRUS	A winter oil application must never be followed by a Profenofos 500 EC application.	
African bollworm <i>(Helicoverpa armigera)</i> Citrus red mite <i>(Panonychus citri)</i> Black citrus aphid <i>(Toxoptera citricidus)</i>	50mℓ / 100 ℓ water	<ul style="list-style-type: none"> • Apply at 20-90% petal drop. • Apply medium volume cover spray. • 6.0 -7.0ℓ spray mixture for every one metre tree diameter or one metre tree height above the skirt.
Thrips <i>(Scirtothrips aurantii)</i> Psylla <i>(Triozia erytrae)</i>	75mℓ / 100 ℓ water	<p>When using a mist blower for the control of these pests, the concentration of the spray mixture must be increased according to the decrease in the spray volume.</p> <ul style="list-style-type: none"> • Thrips must again be treated approximately three weeks later using a registered thripicide • Monitor the orchards and spray when the threshold level for thrips damage is surpassed.
Mealybugs <i>(Planococcus sp)</i> <i>(Pseudococcus sp)</i> <i>(Paracoccus sp)</i> Citrus rust mite. <i>(Phyllocoptruta oleivora)</i>	100mℓ /100ℓ water	<ul style="list-style-type: none"> • Apply at 20-90% petal drop • Apply full cover spray: 10-12ℓ spray mixture for every one metre tree diameter or one metre tree height above the skirt.
WINE GRAPES Grapevine mealybug <i>(Planococcus ficus)</i>	100mℓ / 100ℓ water	<p>Dormant spray - apply twice with a 14 day interval prior to bud burst. Do not apply after bud burst, especially not after bloom to avoid any risk of wine tainting. Apply as a high volume complete cover spray directed at the vine trunk and branches. (Use 1.5-2.0 ℓ spray mixture per vine)</p>

CROP/PEST	DOSAGE RATE	REMARKS
TABLE GRAPES Grapevine mealybug <i>(Planococcus ficus)</i>	100-125mℓ / 100ℓ water	Early spring spray ONLY . Apply twice with a 14 day interval prior to the beginning of flowering. The second spray must be applied just before flowering starts. NOTE: 1. Use the lower rates for maintenance or low pest pressure and the higher rate for heavy infestation. 2. Use handgun type high volume spray equipment and drench vines individually to ground level. 3. Use a minimum of 4.0ℓ spray mixture per vine. 4. For follow-up sprays after flowering use another suitable registered insecticide.
POTATOES Aphids <i>(Macrosiphum euphorbiae)</i> <i>(Myzus persicae)</i> Tuber moth <i>(Phthorimaea operculella)</i>	750 mℓ/ha 1.0ℓ/ha	Apply as a full cover spray when aphids are noticed. Repeat as necessary at 7 to 10 day intervals. Do not use in the Western Cape. Apply when 10% of growth points are infested. Aerial application: apply in 30ℓ/ha.
TOMATOES African bollworm Potato tuber moth <i>(Phthorimaea Operculella)</i> Plusia-looper <i>(Plusia acuta)</i> Thrips and Aphids <i>(Thrips tabaci)</i> Leaf miner <i>(Liriomyza trifolii)</i> Red spider mite <i>(Tetranychus spp)</i>	750- 1000mℓ /ha 500- 750mℓ /ha 1.0 -1.5 ℓ /ha	Not for use in greenhouses and tunnels. Apply a suitable volume depending on plant size. Apply at the first sign of infestation and repeat at 7 - 10 day intervals as long as pest remains active. High volume spray: Ensure thorough wetting. Use lower rate for plants up to 600mm in up to 500ℓ water /ha and the higher rate for plants larger than 600mm in up to 1500mℓ water / ha. Low volume spray (mist blower): Ensure thorough coverage of plants. Use lower rate in up to 250 ℓ water / ha for plants up to 600mm high and the higher rate in up to 500ℓ water / ha for plants higher than 600mm.

WAARSKUWINGS

Laat die volgende aantal dae toe tussen laaste toediening en oes van die gewasse hieronder genoem .

Aartappels 14 dae

Sitrus 60 dae

Tamaties 4 dae

- Giftig indien ingesluk.
- Hanteer uiters versigtig.
- Irriterend vir oë, neus, keel en vel.
- Hou buite bereik van kinders, ongeligte persone en diere.
- Stoor agter slot en grendel, in 'n koel plek, weg van voedsel, voer, kunsmis en saad.
- Vlambaar – hou weg van hitte en oop vlamme.
- Moet nie bome onder droogtestremming behandel .
- Gebruik 'n geskikte aansuurmiddel om die pH van die water te verstel.
- Verwyder alle suurlemoenvrugte groter as golfbalgrootte voordat gespuit word.
- Giftig vir visse, bye en wild.
- Vlambaar: Hou weg van hitte en oop vlamme.
- Herbetreding: Moenie die behandelde area betree binne 1 dag na toediening nie, tensy beskermende klerasie gedra word.
- Lugtoediening: Stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit. Moenie aangrensende gebiede of waterbronne bespuit of toelaat dat die sproeinewel daarheen oorwaai nie.

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 grond-, klimaats-, en bergingtoestande; kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie, en die voorkom van weerstand van insekte teen die betrokke onkruidodder, 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 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 kan word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.

VOORSORGMATREËLS:

- Vermyn inaseming van plaagdoderdampe en spuitmis.
- Vermyn kontak met oë en vel.
- Dra beskermende klere (rubberstewels, handskoene en oogbeskerming) wanneer die konsentraat hanteer word.
- Na gebruik was deeglik met seep en water.
- Was besoedelde klere na gebruik en voor hergebruik.
- Moenie eet, drink of rook tydens vermenging of toediening of voordat hande en gesig gewas en ander klere na gebruik aange trek is nie.
- Voorkom besoedeling van voedsel, voer, eetgerei en drinkwater.
- Voorkom die oorwaai van spuitmis na ander gewasse, weiding, riviere, damme of gebiede wat nie onder behandeling is nie.
- Spoel die leë houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die speelwater by die inhoud van die spuitnek voordat die houer op die voorgeskrewe wyse vernietig word. Vernietig leë houer

SIMPROME VAN MENSLIKE VERGIFTING

Tipies van organofosfaat pesdodervergiftiging – naarheid, diaree, oormatige speekselafskeiding, maagkrampe, oormatige sweet, bewing, spiertrekkings, verwarring, onduidelike visie, moeilike asemhaling, versnelde pols, vekleinde pupille .

NOODHULP BEHANDELING

Velkontak: Verwyder gekontamineerde kledingstukke en skoene. Was deeglik met seep en water.

Oogkontak: Was oë onmiddellik uit met groot hoeveelheid skoon water vir ongeveer 15 minute. Lig die onderste en boonste ooglede gedurig. Indien oog irritasie aanhou, soek mediese hulp.

Inaseming: Verwyder die persoon van die bron van vergiftiging na 'n goed geventileerde area en maak klere om die nek los. Pas kunsmatige asemhaling toe. Moet nie mond–tot–mond asemhaling toepas nie.

Mondelike inname: Moenie vomering induseer nie. Gee groot hoeveelhed drinkwater.

NOTA AAN GENEESHEER

Behandel soos vir cholinesteraseinhibeerder (Atropiensulfaat in teengif)

• WEERSTANDSWAARSKUWING

Profenofos 500 EC is 'n groepkode 1B insekdoder. Enige populasie van 'n spesifieke insek spesie mag individue insluit wat 'n natuurlike weerstand teen **Profenofos 500 EC**, of enige ander groepkode 1B insekdoder het. Indien hierdie insekdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die insek populasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur **Profenofos 500 EC** of enige ander groepkode 1B insekdoder beheer word nie .

Om weerstand teen insekdoders te vertraag: Vermyn die eksklusiewe herhaaldelike gebruik van insekdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende insekdoder-groepcodes. Integreer ander beheermaatreels (chemies, verbouing, biologies) in die insekdoder programme. Vir spesifieke inligting oor weerstandbestuur kontak die registrasiehouer van hierdie produk.

GEBRUUKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

Maak die spuitenk amper heeltemal vol met skoon water en verstel die pH van die water tot 4,5 deur gebruik te maak van RT Buff (Reg. Nr. L 5777, Wet Nr. 36 van 1947) of 'n geskikte buffer of aansuurmiddel. Voeg daarna die aanbevole hoeveelheid **Profenofos 500 EC** by die water in die spuitenk terwyl aanhoudend geroer word. Die spuitmengsel moet tydens vermenging en toediening voortdurend geroer word. Na bespuiting moet spuittoerusting deeglik met skoon water uitgespoel word.

VERENIGBAARHEID

Profenofos 500 EC is verenigbaar met die meeste neutrale insek- en swamdoders. Produkte met koperverbindings sowel as swaël en kaptab moet nie in die mengsel gebruik word. Aangesien die formulاسie van produkte kan verander en die waterkwaliteit ook van plaas tot plaas kan varieer, moet 'n fisiese verenigbaarheidstoets altyd uitgevoer word voordat gespuit word.

TOEDIENINGSINSTRUKSIES

Grond toediening: Kalibreer die apparaat voor toediening. Op sitrus, gebruik slegs hoë druk, hoë volume spuitapparaat.

Lugtoediening: Profenofos 500 EC kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SABS Kode 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:

- **Volume:** 'n Spuitmengsel volume van 30ℓ 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, as hierbo aanbeveel, toegedien word nie.
- **Druppel bedekking:** 30 tot 40 druppels per cm² moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 250 tot 280 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoë drying 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 nie, 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 moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binnste 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/uur 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 toe-stande (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 moontlik verdamp (onvoldoende bedekking op teiken).
 - skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrying van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n 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.

TOEDIENINGSHOEVEELHEDE

GEWAS / PLAAG	Profenofos 500 EC DOSIS	OPMERKINGS
AARTAPPELS Plantluise <i>(Macrosiphum euphorbiae)</i> <i>(Myzus persicae)</i> Aartappelmot <i>(Phthorimaea operculella)</i>	750 ml/ha 1.0ℓ/ha	Dien toe as 'n volle dekbespuiting sodra plantluise opgelet word. Herhaal soos nodig teen 7 tot 10 dae intervalle. Moet nie in die Wes Kaap gebruik nie. Dien toe sodra 10% van die groeipunte besmet is. Lugbespuiting: dien toe in 30ℓ/ha.
SITRUS Afrika bolwurm <i>(Helicoverpa armigera)</i> Sitrus rooimyt <i>(Panonychus citri)</i> Sitrus swartplantluis <i>(Toxoptera citricidus)</i>	50ml / 100ℓ water	'n Winteroetoeidening moet eensins deur 'n Profenofos 500 bespuiting gevolg word nie. <ul style="list-style-type: none"> • Dien toe by 20-90% blomblaarval . • Dien 'n medium dekbespuiting toe. • 6.0 – 7.0ℓ spuitmengsel vir elke een meter boomdeursnit of vir elke een meter boomhoogte bo afranding.

GEWAS / PLAAG	Profenofos 500 EC DOSIS	OPMERKINGS
Blaaspotjies <i>(Scirtothrips aurantii)</i> Psilla <i>(Trioza erytrae)</i>	75 ml / 100l water	Waner 'n newelblaser vir die beheer van hierdie plae gebruik word, moet die konsentrasie van die spuitmengsel verhoog word ooreenkomstig die afname in die spuitvolume. <ul style="list-style-type: none"> • Blaaspotjies moet ongeveer drie weke later weer behandel word met 'n geregistreerde blaaspotjiemiddel. • Monitorer boorde en spuit wanneer blaaspotjieskade drempel waarde oorskry word.
Witluise <i>(Planococcus sp)</i> <i>(Pseudococcus)</i> <i>(Paracoccus)</i> Sitrusroesmyt <i>(Phylloxera oleivora)</i>	100ml / 100l water	<ul style="list-style-type: none"> • Dien toe by 20-90% blomlaarval. • Dien 'n voldekbepuiting toe: 10-12l spuitmengsel vir elke een meter boomdeursnit of vir elke een meter boomhoogte bo afranding
WYNDRUIWE Wingerdwtuluis <i>(Planococcus ficus)</i>	100ml / 100l water	Winterbepuiting. Dien twee bespuitings toe met 'n tussenpose van 14 dae, voor bot. Moet nie na bot, veral nie na blom, toedien nie om enige risiko te vermy vir die ontwikkeling van smaak in wyn. Dien toe as 'n hoë volume voldekbepuiting na die stam en arms (1,5 -2.0 l spuitmengsel per stok).
TAFELDRIUWE Wingerdwtuluis <i>(Planococcus ficus)</i>	100-125ml / 100l water	Slegs vir vroeë lentebepuiting: Dien twee bespuitings toe met 'n tussen-pose van 14 dae voordat blom 'n aanvang neem. NOTA: <ol style="list-style-type: none"> 1. Gebruik die laer dosis vir instandhouding en laëdruk plaag-situasies en die hoër dosis vir swaar infestasies. 2. Gebruik slegs handstang tipe hoë volume spuitapparaat. Stokke moet individueel volledig tot by die grond bespuit word. 3. Gebruik 'n minimum van 4.0l spuitmengsel per stok. 4. Opvolgbespuitings na blom- sodra wtuluis weer waargeneem word, moet 'n geskikte geregistreerde middel toegedien word.
TAMATIES Afrika-bolwurm <i>(Helicoverpa armigera)</i> Aartappelmot <i>(Phthorimaea Operculella)</i> Tamatie valslandmeter <i>(Chrysodeixis acuta)</i> Uieblaaspotjie <i>(Thrips tabaci)</i> Groenperske -plantuis <i>(Myzus persicae)</i> Rooispinmyt.	750-1000ml / ha 500-750ml / ha 1.0-1.5 l/ha	Nie vir gebruik in kweekhuise en tunnels nie. Gebruik verskillende spuitvolumes afhange van plant -grootte. Maak eerste toediening met die eerste tekens van infestatie en herhaal met 7-10 dae tussensposes solank as wat plaag aktief bly. Hoë volume toediening : Versker deeglike benatting van plante. Vir plante tot 600mm hoog, gebruik die laer dosis in tot 500l water / ha. Vir plante hoër as 600mm gebruik die hoër dosis in tot 1500l water / ha. Lae volume toediening (newelblaser): Versker deeglike benatting van plante. Vir plante tot 600mm hoog, gebruik die laer dosis in tot 250l water / ha. Vir plante hoër as 600mm, gebruik die hoër dosis in tot 1500l water / ha.