



SEIZER[®] 100 EC

Reg. No ./ Nr. L 7471 Act No. / Wet Nr. 36 of / van 1947
N-AR 0782

An emulsifiable concentrate contact and stomach insecticide and acaricide for the control of pests in crops as indicated.	'n Emulgeerbare konsentraat insek- en mytdoder met 'n kontak- en maagaksie vir die beheer van plae in gewasse soos aangedui.
---	--

IRAC INSECTICIDE GROUP CODE	3	IRAC INSEKDODERGROEPKODE
-----------------------------	---	--------------------------

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

bifenthrin (pyrethroid)

100 g / ℓ

bifentrien (piretroïed)

NET VOLUME / NETTO VOLUMEℓ

REGISTRATION HOLDER / REGISTRASIEHOUER:

Adama SA (Pty) Ltd
Reg. No. 1992 /001741/07
21 Viben Street
Brackenfell
7560
Tel: 021 – 982 1460
infocpt@za.adama.com

Batch number

Lotnommer

Date of manufacture

Datum van vervaardiging

UN Number: 3082



HARMFUL
SKADELIK



WARNINGS:

- **Withholding periods:** Minimum number of days between last application and harvest or grazing:

Cotton.....28 days.

Maize (feeding).....56 days.

Potatoes.....21 days.

Tomatoes.....5 days.

- Handle with care.
- Harmful if swallowed, inhaled or by skin contact.
- Irritating to skin and eyes.
- Toxic to bees, fish and wildlife.
- Store in a cool, dry place away from food and feed.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry:** Do not enter treated field within 1 day after application unless wearing protective clothing.
- In case of poisoning call a doctor and show him/her this label.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow spray drift to contaminate adjacent areas not under treatment, rivers or dams.

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 to 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:

- Do not eat, drink or smoke when handling this product or before hands and face are washed.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Wear rubber gloves and face shield when handling the concentrate. If you get it in your eyes, flush it out at once. If you get it on your skin, wash it off at once. If you get it on your clothes, change and wash them.
- While spraying avoid contact with and inhalation of the spray as much as you can.
- Avoid spray drift onto other crops, grazing, rivers and dams.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Invert the empty container over the spray tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water of at least 10 % to that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container.
- Destroy empty container and do not use for any other purpose.
- Change and wash your work clothes. Wash yourself.

Symptoms of human poisoning:

May be irritating to mucous membranes, eyes and skin. Inhalation may cause coughing, shortness of breath, bronchospasm, chemical pneumonitis and lung oedema. Ingestion may cause nausea, vomiting, stomach ache and diarrhoea.

First aid treatment:

Inhalation: Remove victim to fresh air and keep warm and at rest. If breathing is difficult give oxygen. If not breathing give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Wash out mouth with water. Get medical attention if necessary.

Skin contact: Take off contaminated clothing and wash off with plenty of cold water and soap. If necessary get medical attention.

Eye contact: Wash out with clean running water for at least 15 minutes. Get medical attention if necessary.

Note to physician:

There is no specific antidote. If ingested perform gastric lavage and administer activated charcoal. Treat symptomatically and give supportive therapy.

RESISTANCE WARNING:

For resistance management, **SEIZER 100 EC** is a group code 3 insecticide. Any insect population may contain individuals naturally resistant to **SEIZER 100 EC** and other group code 3 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **SEIZER 100 EC** or any other group code 3 insecticide.

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 the control methods (chemical, cultural, biological) into insect control programmes.

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

Note:

Resistance of American bollworm (*Helicoverpa armigera*) to synthetic pyrethroids has been confirmed.

Cotton: Synthetic pyrethroids must **only** be applied to cotton during the period 1 January to 28 February.

All other crops: Do not apply more than two applications per growing season. If a pyrethroid gives poor performance **do not** re-spray with any synthetic pyrethroid, even at a corrective dosage rate. Use a product from a different chemical group.

APPLICATION:

Ground application:

SEIZER 100 EC can be applied by means of any suitable sprayer, provided it is calibrated correctly and can distribute the spray mixture evenly and efficiently over the target area.

Aerial application:

Aerial application of **SEIZER 100 EC** may only be done by a registered Aerial Application Operator using a correctly calibrated registered aircraft according to the instructions of the SANS 10118 (Aerial Application of 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 are met:

- Volume: A spray mixture volume of 30 ℓ / ha 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 - 40 droplets / cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 250 - 280 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3 - 4 m 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 - 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:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - b) 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.

Centre pivot application: (Maize only).

SEIZER 100 EC may be applied through a centre pivot irrigation system. The supply tank and connecting pipes should be leak free and fitted with an efficient agitation mechanism. The spray mixture must be injected into the irrigation system by means of a positive displacement metering pump. Non-return valves in the system must be in place to prevent a back flow of the spray mixture to the water sources. If a chemigation system is not fitted to the centre pivot and the spray mixture is injected directly

into the irrigation system, the centre pivot should be set at maximum speed and minimum water delivery. The spray mixture must be applied evenly over the target area in one continuous operation. Flush the whole system with clean water after use. Ensure that the flush water does not contaminate water sources.

DIRECTIONS FOR USE: Use only as indicated.

Mixing instructions:

Half fill the spray tank with clean water. Add the required volume of **SEIZER 100 EC** while agitating. Fill the spray tank with water to the required volume. Ensure constant effective agitation during mixing and application.

General directions:

Cotton:

- Use in accordance with good pest management and integrated pest control by applying only during the period from peak flowering up to boll split. This period is approximately 10 - 22 weeks from plant emergence. In the period before peak flowering use registered pesticides from other chemical groups to control pests.
- For the control of red spider mite it should be ensured that thorough wetting of the cotton plant is achieved, especially the undersides of the leaves. To achieve this, it is recommended to apply **SEIZER 100 EC** only as a ground application for the control of Red spider mite in cotton.
- Determination of the red spider mite population index by weekly scouting:
 - Examine 48 plants per 15 ha.
 - Choose 3 leaves per plant, one from the middle and two from the upper portion.
 - Count the number of adult females on these three leaves and allocate one of the following values to the total:
 - 0 mites = 0
 - 1 – 10 mites = 1
 - 11 – 30 mites = 2
 - > 31 mites = 3
 - The population index is then calculated by adding up the values obtained for the 48 plants and dividing the sum by 48. Commence application if the population index has reached a value of 1,0. Repeat application as soon as any marked increase in the population index is noticed.
 - Control must be aimed in keeping the population index below the spray threshold of 1,0 up to and including 20 weeks after crop emergence.
- For the control of bollworm in cotton 24 plants / 15 ha should be inspected weekly. The following thresholds per 24 plants is recommended.
 - American bollworm 12 eggs or 5 larvae
 - Red bollworm: 6 eggs or 2 larvae
 - Spiny bollworm: 2 larvae.

APPLICATION RATES:

CROP / PEST	DOSAGE	REMARKS
-------------	--------	---------

CROP / PEST	DOSAGE	REMARKS
COTTON Red spider mites (<i>Tetranychus</i> spp.)	200 – 400 mℓ / ha	Apply in 100 - 200 ℓ water / ha depending on plant height as an overall application. Ensure thorough wetting of the whole plant and ensure that efficient coverage of the undersides of leaf surfaces is achieved. Repeat application if necessary. Use the lower rate in 100 ℓ water on plants less than 60 cm tall and the higher rate in 200 ℓ water on plants taller than 60 cm. This treatment will also control American bollworm, red bollworm, spiny bollworm and cotton stainers if present at time of application. Larvae established in the bolls may not be controlled. (Refer to resistance warning above).
American bollworm (<i>H. armigera</i>) Red bollworm (<i>Diparopsis castanea</i>) Spiny bollworm (<i>Earias</i> spp.) Cotton stainer (<i>Dysdercus</i> spp.)	150 – 300 mℓ / ha	Apply as a preventive application based on scouting. Ensure thorough wetting of plants. Repeat application if necessary. Use lower rate in 100 ℓ water on plants less than 60 cm tall and the higher rate in 200 ℓ on plants taller than 60 cm. For aerial application use at least 30 ℓ water / ha. (Refer to resistance warning above).
MAIZE Red spider mite (<i>Tetranychus urticae</i>)	500 mℓ / ha	Refer to cotton under General Directions for the determination of the population index and the spray threshold. Because of the growth habit of the maize plant it is very difficult to obtain an even wetting of the plant. Therefore the control of adult red spider mites is aimed at the top 5 - 6 leaves until after the soft dough stage of the cob. Application of SEIZER 100 EC can be done by means of ground or centre pivot application. Refer to centre pivot application above. Ensure thorough wetting of the 5 - 6 top leaves and especially the undersides of the leaves. The addition of a suitable wetter is recommended. Repeat application within 14 days if necessary. If American bollworm is present at the time of application, it will also be controlled. (Refer to resistance warning above).
POTATOES Tuber moth (<i>Phthorimaea operculella</i>)	300 mℓ / ha	Apply as a preventive full cover spray in not less than 500 ℓ water / ha. Do not apply more than two sprays per growing season. (Refer to resistance warning above).

CROP / PEST	DOSAGE	REMARKS
TOMATOES Red spider mites (<i>Tetranychus</i> spp.)	400 ml / ha	Apply as a full cover spray in at least 500 ℓ water / ha. Ensure thorough wetting of the plants and especially the undersides of leave surfaces. In trellised tomatoes, spray on both sides of the row. Under severe infestation levels repeat application within 7 days. (Refer to resistance warning above).
American bollworm (<i>H. armigera</i>) Semi-looper (<i>Chrysodeixis acuta</i>) Leafminer (Tuber moth larvae) (<i>P. operculella</i>) American leafminer (<i>Liriomyza trifolii</i>)	300 ml / ha	Apply as a full cover spray in at least 500 ℓ water / ha. Ensure thorough wetting of the plants. Repeat application within 7 – 10 days if necessary. (Refer to resistance warning above).

WAARSKUWINGS:

- **Onthoudingsperiodes:** Minimum aantal dae tussen laaste toediening en oes of beweiding:

Aartappels.....21 dae.

Katoen.....28 dae.

Mielies (voer).....56 dae.

Tamaties.....5 dae.

- Hanteer versigtig.
- Skadelik indien ingesluk, ingeasem of deur velkontak.
- Irriterend vir oë en vel.
- Giftig vir bye, visse en wildlewe.
- Berg in 'n koel, droë plek weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moet nie behandelde gebied binne 1 dag na behandeling binnegaan nie tensy beskermende klere gedra word.
- In geval van vergiftiging ontbied 'n geneesheer en toon hierdie etiket aan hom/haar.
- **Lugtoediening:** Stel alle inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarkuwings uit. Moet nie oor aanliggende gebiede, riviere of damme spuit of toelaat dat die spuitnewel daaroor dryf 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 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.

VOORSORGMATREËLS:

- Moet nie eet, drink of rook wanneer die produk hanteer word of voordat hande en gesig gewas is nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Dra rubberhandskoene en gesigskerm wanneer die konsentraat hanteer word. Indien dit in die oë beland, spoel dit onmiddellik uit. Indien dit op die vel kom was dit dadelik af. As dit op klere gemors word, trek die klere dadelik uit en was dit.
- Vermyn kontak met of inaseming van die spuitmengsel sover moontlik tydens toediening.
- Voorkom dat die spuitnewel wegdryf na ander gewasse, weiding, riviere of damme.
- Maak toediener deeglik skoon na gebruik en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Keer die leë houer om oor die spuittenk en laat dit dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verander het. Spoel die houer daarna driekeer uit met 'n volume water wat minstens gelykstaande is aan 10 % van die inhoud van die houer. Gooi die spoelwater in die spuittenk voordat die leë houer vernietig word.
- Vernietig leë houer en moet dit vir geen ander doel gebruik nie.

- Trek werksklere uit en was dit. Was jouself.

Simptome van menslike vergiftiging:

Mag irritasie van slymvliese, oë en vel veroorsaak. Inaseming mag 'n gehoë, kortasem, bronchospasma, chemiese pneumonitis of longedeem veroorsaak. Inname mag naarheid, braking, maagpyn en diarree tot gevolg hê.

Noodhulpbehandeling:

- Inaseming:** Verwyder persoon na vars lug en hou hom warm en rustig. Indien asemhaling moeilik is, gee suurstof. Indien asemhaling ophou, pas kunsmatige asemhaling toe. Kry mediese behandeling.
- Inname:** Moet nie braking veroorsaak nie. Was mond uit met water. Kry mediese behandeling.
- Velkontak:** Trek besoedelde klere uit en was met groot hoeveelhede koue water en seep. Indien nodig kry mediese behandeling.
- Oogkontak:** Indien dit per ongeluk in die oë beland was uit met lopende skoon water vir ten minste 15 minute. Kry mediese behandeling indien nodig.

Nota aan geneesheer:

Daar is geen spesifieke teenmiddel nie. Indien ingesluk is gee 'n maagspoeling en geaktiveerde koolstof. Behandel simptome en gee ondersteunende terapie.

WEERSTANDSWAARSKUWING:

SEIZER 100 EC is 'n groepkode 3 insekdoder. Enige populasie van 'n spesifieke insek mag individue insluit wat 'n natuurlike weerstand teen **SEIZER 100 EC** of enige ander groepkode 3 insekdoders het. Indien hierdie insekdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die insekpopulasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur **SEIZER 100 EC** of enige ander groepkode 3 insekdoder beheer word nie.

Om weerstand teen insekdoders te vertraag:

- Verminder die eksklusiewe herhaaldelike gebruik van insekdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende insekdodergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in insekdoderprogramme.

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

Let wel:

Weerstand van Amerikaanse bolwurm (*Helicoverpa armigera*) teen sintetiese piretroïedes is bevestig.

Katoen: Sintetiese piretroïedes **moet slegs** gedurende die periode 1 Januarie tot 28 Februarie op katoen toegedien word.

Alle ander gewasse: Moet nie meer as twee toedienings per groeiseisoen toedien nie. As 'n piretroïedbespuiting swak beheer gee **moet nie** met enige sintetiese piretroïed, selfs teen 'n korrektiewe dosis, herspuit nie. Gebruik 'n produk uit 'n ander chemiegroep.

TOEDIENING:

Grondtoediening:

SEIZER 100 EC kan deur middel van enige geskikte spuitapparaat toegedien word mits dit korrek gekalibreer is en in staat is om die spuitmengsel eweredig en doeltreffend oor die teikenoppervlak te versprei.

Lugtoediening:

Lugtoediening van **SEIZER 100 EC** 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:

- Volume: 'n Spuitmengsel volume van 30 ℓ / 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.
- Druppelbedekking: 30 - 40 druppels / cm² moet op die teikenarea herwin word.
- Druppelgrootte: 'n Druppelspektrum met 'n VMD van 250 - 280 mikron word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikron (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- Vlieghoogte: Handhaaf die hoogte van die spuitbalk bo die teiken op 3 - 4 m. 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 moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binnste 60 - 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:
 - a) verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).
 - b) 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 '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.

Spilpunttoediening: (Slegs mielies).

SEIZER 100 EC mag deur 'n spilpunt besproeiingsstelsel toegedien word. Die toevoertenk en alle pypleidings moet sonder enige lekkasies wees en moet met 'n doeltreffende roermeganisme toegerus wees. Die spuitmengsel moet met 'n positiewe verplasmingsmeetpomp in die stelsel ingevoer word. Terugslagkleppe moet in die stelsel wees om te verhoed dat die spuitmengsel

na die waterbron kan terugvloei. Indien die spilpunt nie voorsien is van 'n "Ghemigation" sisteem nie en die spuitmengsel direk in die besproeiingsisteem ingespuut word, behoort die spilpunt teen maksimum spoed en minimum waterlewering ingestel te word. Die spuitmengsel moet eweredig oor die teikengebied in een deurlopende aksie toegedien word. Spoel die hele sisteem met skoon water uit na gebruik en verseker dat die spoelwater nie waterbronne besoedel nie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui

Menginstruksies:

Maak die spuittenk halfvol met skoon water. Voeg die benodigde hoeveelheid **SEIZER 100 EC**

by terwyl geroer word. Vul die spuittenk met water tot die verlangde volume. Tydens vermenging en toediening moet sorg gedra word dat doeltreffende roering gedurigdeur plaasvind.

Algemene aanwysings:

Katoen:

- Gebruik volgens goeie plaagbestuur en geïntegreerde plaagbestuur deur slegs gedurende die periode piek blom tot bolbars te spuit. Hierdie periode is ongeveer 10 - 22 weke na opkom. In die periode voor die piek van blom, dien geregistreerde plaagdoders van 'n ander chemiegroep toe om plae te beheer.
- Verseker 'n deeglike benatting van plante en ook die onderkante van blare vir die beheer van rooispinmyt. Om dit te verseker, word **SEIZER 100 EC** slegs as 'n grondtoediening aanbeveel vir die beheer van rooispinmyt in katoen.
- Bepaling van die populasie-indeks van rooispinmyt deur weeklikse verkenning:

Ondersoek 48 plante / 15 ha.

Kies 3 blare per plant, een in die middel en twee aan die bokant van die plant. Tel die aantal volwasse vroulike myte op hierdie drie blare en plaas die totale aantal myte in die volgende kategorieë:

0 myte	=	0
1 – 10 myte	=	1
11 – 30 myte	=	2
> 31 myte	=	3

Die populasie-indeks word dan bereken deur al die waardes van die 48 plante bymekaar te tel en dan die somtotaal deur 48 te deel. Begin met toediening sodra die populasie-indeks 'n waarde van 1,0 bereik het. Herhaal die toediening sodra 'n merkbare toename in die populasie-indeks waargeneem word. Beheer moet daarop gemik wees om die populasie-indeks onder die spuitdrempelaarde van 1,0 te hou tot en met 20 weke na-opkom van die gewas.
- Vir die beheer van bolwurms in katoen moet 24 plante / 15 ha weekliks ondersoek word. Die volgende drempelwaardes per 24 plante word aanbeveel:

Amerikaanse bolwurm: 12 eiers of 5 larwes

Rooibolwurm: 6 eiers of 2 larwes

Stekelbolwurm: 2 larwes

TOEDIENINGSHOEVEELHEDE:

GEWAS / PLAAG	DOSIS	OPMERKINGS
AARTAPPELS Aartappelmot (<i>Phthorimaea operculella</i>)	300 ml / ha	Dien toe as 'n voorkomende volle deктоediening in nie minder nie as 500 l water / ha. Moet nie meer as twee toedienings per groeiseisoen toedien nie (Sien weerstandswaarskuwing bo).
KATOEN Rooispinmyte (<i>Tetranychus</i> spp.)	200 – 400 ml / ha	Afhangende van planthoogte, dien toe in 100 - 200 l water / ha as 'n algehele toediening. Verseker deeglike benatting van die hele plant en verseker dat die onderkante van blare benat word. Herhaal bespuiting indien nodig. Gebruik die laer toedieningshoeveelheid in 100 l water op plante kleiner as 60 cm en die hoër toedieningshoeveelheid in 200 l water op plante groter as 60 cm. Hierdie behandeling sal ook Amerikaanse bolwurm, rooibolwurm, stekelbolwurm en katoenvlekbesies beheer indien teenwoordig tydens toediening. Larwes wat alreeds binne-in die bolle is tydens toediening mag dalk nie beheer word nie. (Sien weerstandswaarskuwing bo).
Amerikaanse bolwurm (<i>H. armigera</i>) Rooibolwurm (<i>Diparopsis castanea</i>) Stekelbolwurms (<i>Earias</i> spp.) Katoenvlekbesies (<i>Dysdercus</i> spp.)	150 – 300 ml / ha	Dien toe as 'n voorkomende bespuiting gebaseer op verkenning. Verseker deeglike benatting van plante. Herhaal toediening indien nodig. Gebruik die laer dosis in 100 l water op plante kleiner as 60 cm en die hoër dosis in 200 l water op plante groter as 60 cm. Vir lugtoediening moet minstens 30 l water / ha gebruik word. (Sien weerstandswaarskuwing bo).
MIELIES Rooispinmyt (<i>Tetranychus urticae</i>)	500 ml / ha	Verwys na katoen onder Algemene Aanwysings vir die bepaling van die populasie-indeks en die spuitdrempelwaarde. As gevolg van die groeiwyse van 'n mielieplant is dit baie moeilik om die hele plant eweredig te benat. Die beheer van volwasse rooispinmyte word daarom toegespits op die boonste 5 - 6 blare tot na die sagtedeegstadium van die pitte. Toediening van SEIZER 100 EC kan geskied deur middel van grond- of spilpunttoediening. Verwys na spilpunttoediening bo. Verseker dat die boonste 5 - 6 blare deeglik benat word en sorg dat veral die onderkante van die blare benat word. Die byvoeging van 'n geskikte benatter word aanbeveel. Indien nodig herhaal toediening na 14 dae. Amerikaanse bolwurm sal ook beheer word indien teenwoordig tydens toediening. (Sien weerstandswaarskuwing bo).

GEWAS / PLAAG	DOSIS	OPMERKINGS
TAMATIES Rooispinmyte (<i>Tetranychus</i> spp.)	400 ml / ha	Dien toe as 'n volle dekhoediening in ten minste 500 l water / ha. Verseker deeglike benatting van plante en sorg veral dat die onderkante van blare deeglik benat word. In opgeleide tamaties moet aan beide kante van die ry gespuit word. Onder toestande van hoë infestasies moet die bespuiting na 7 dae herhaal word. (Sien weerstandswaarskuwing bo).
Amerikaanse bolwurm (<i>H. armigera</i>) Valslandmeter (<i>Chrysodeixis acuta</i>) Blaarmyner (Aartappelmotlarf) (<i>P. operculella</i>) Amerikaanse blaarmyner (<i>Liriomyza trifolii</i>)	300 ml / ha	Dien toe as 'n volle dekhoediening in ten minste 500 l water / ha. Verseker deeglike benatting van plante. Herhaal toediening binne 7 – 10 dae indien nodig. (Sien weerstandswaarskuwing bo).