

[Sales Panel]

For further information see attached pamphlet
Vir verdere inligting sien aangehegte pamflet

Before using this product read the label carefully

CHLOROFLO[®] 500 SC

Reg. No. / Nr. L5171, Act No. / Wet Nr. 36 of/ van 1947

Botswana: Reg. No. W130307, Act No. 18 of 1999

Malawi Reg. No. MW/PCB/2021/R/0738

Namibian Reg. No. / Namibiese Reg. Nr. N-AR0832

A non-systemic fungicide suspension concentrate for the preventive control of diseases as listed in beans, groundnuts, cucurbits, potatoes, tomatoes, gladioli, roses, lawns and turf.

'n Nie-sistemiese swamdoder suspensie konsentraat vir die voorkomende beheer van siektes soos aangedui vir aartappels, tamaties, bone, grondbone, pampoengewasse, rose, swaardlelies, grasperke en baangras.

Fungicide Group Code **M5** Swamdodergroepkode

ACTIVE INGREDIENT:

AKTIEWE BESTANDDEEL:

Chlorothalonil (chloronitrile) 500 g/l Chlorotalonil (chloronitriël)



REGISTRATION HOLDER / REGISTRASIEHOUER:

Nulandis[®] (A division of AECI Limited) / Nulandis[®] ('n Afdeling van AECI Beperk)

Reg. No. / Nr. 1924/002590/06

P.O. Box / Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

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CHLOROFLO[®] is the registered trademark of AECI Limited (Nulandis[®] a division of AECI Limited) / is 'n geregistreerde handelsmerk van AECI Beperk (Nulandis[®] 'n afdeling van AECI Beperk)

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL
0861 555777 / 082 446 8946

UN No. / VN Nr. 2996- Organochlorine pesticide, liquid, toxic



**CAUTION
VERSIGTIG**



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CAUTION

WARNINGS:

Do not apply later than 3 days before harvest of beans, potatoes, tomatoes and cucurbits. Do not use bean and groundnut hay as feed earlier than 42 days after spraying. Can irritate eyes, nose, throat and skin. May be harmful if spray mist is inhaled or when concentrate is swallowed. Keep out of reach of children, uninformed persons and animals. Store in a cool place, away from food and feed.

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

AERIAL APPLICATION:

Notify all inhabitants in the immediate vicinity of the area to be treated of your intention and issue the necessary warnings. Do not spray over adjacent areas of water nor allow spray to drift there.

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 DISEASE 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 INSTRUCTION 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:

Avoid inhalation of spray mist. Wear protective clothing, rubber gloves and face shield when handling concentrate and wash contaminated clothing daily. Wash with soap and water after handling and accidental skin contact.

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

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

Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.

Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams. Rinse empty container three times with a volume of water equal to at least one tenth of the container and add rinsing to the contents of the spray tank before disposing of the container.

Destroy the empty container and do not use for any other purpose. The triple-rinsed container may be sent to an approved recycling company.

RESISTANCE WARNING:

For resistance management, **CHLOROFLO 500 SC** is a group code M5 fungicide. Any fungus may contain individuals naturally resistant to **CHLOROFLO 500 SC** and other group code M5 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. The resistant fungi may not be controlled by **CHLOROFLO 500 SC** or any other group code M5 fungicide.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes.
- For tank mixing or alternation with products in different fungicide groups, refer to applicable individual product labels.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

NOTE: **CHLOROFLO 500 SC** is a multi-site contact fungicide that has a low risk of resistance development.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED**COMPATIBILITY:**

CHLOROFLO 500 SC is compatible with methomyl, mevinphos and cypermethrin. When using with these or any other chemical, be fully aware of precautions and directions on the label concerned. The use of a registered adjuvant to enhance the performance of **CHLOROFLO 500 SC** is strongly recommended.

MIXING INSTRUCTIONS:

Shake **CHLOROFLO 500 SC** container thoroughly before using. Measure the required volume of **CHLOROFLO 500 SC** and pre-mix in at least 10 l water. Half fill the spray tank with water. Activate the agitator in the spray tank and mix the products in the following sequence: adjuvant, wettable powder, suspension concentrate and emulsifiable concentrate. Fill the spray tank to the required volume. Maintain agitation throughout the mixing and application period. Do not leave standing in any spray or supply tank for any length of time.

GENERAL APPLICATION INSTRUCTIONS:

Ensure good coverage of both upper and lower surfaces by applying the recommended water volume and use as a preventative measure. Shorten spray intervals under conditions favourable to the disease concerned. Repeat treatments where more than 13 mm of rain or overhead irrigation was experienced within 72 hours of application. In the case of pivot application, do not apply shortly after rain to prevent risk of damage due to run-off. Apply during a single, continuous cycle of pivot. Do not apply treatments when day temperatures exceed 30°C.

AERIAL APPLICATION:

Aerial application of **CHLOROFLO 500 SC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 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 are met:

- **Volume:** A minimum volume of 30 – 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 aurally at a lower volume rate than recommended above.
- **Droplet coverage:** 50 – 70 droplets per cm² must be recovered at the target.
- **Droplet size:** A droplet spectrum with a VMD of 200 – 250 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift & evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 – 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 – 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 the movement 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 recorded in a logbook and kept for future reference.

APPLICATION TABLE:

CROP	DISEASE	APPLICATION RATE PER 100 ℓ WATER OR AS INDICATED	TIME OF APPLICATION
BEANS	RUST (<i>Uromyces appendiculatus</i>)	1- 2 ℓ/ha 2 ℓ/ha 2 ℓ/ha	Apply as a full cover preventative spray. Commence at first signs of disease and spray in a programme at intervals of 7 - 14 days. GROUND APPLICATION: Dryland beans: Use in a minimum of 500 ℓ water/ha, with the higher concentration under conditions favouring infection. Beans under irrigation: Apply as indicated above. AERIAL APPLICATION: Apply as above in 30 - 40 ℓ water/ha.
GROUNDNUTS	LEAF SPOT (<i>Cercospora</i> spp.) WEB SPOT (<i>Phoma arachidicola</i>) BOTRYTIS ROT (<i>Botrytis cinerea</i>)	1 ℓ/ha 2.25 ℓ/ha 2.25 ℓ/ha 2.25 ℓ/ha	Apply in not less than 500 ℓ spray mixture/ha as a preventative cover spray in a regular spray programme. Commence spraying at very first sign of diseases (6 - 10 weeks after planting). DRYLAND: Low infection pressure: Use at 10 - 14 day intervals. High infection pressure: Use the higher dosage every 7 - 10 days in up to 1500 ℓ water/ha depending on density of growth. IRRIGATION CROP: Apply every 7 - 14 days in up to 1500 ℓ/ha as above. AERIAL APPLICATION: Only as contingency measure when application by tractor is not possible. Apply in 30 - 40 ℓ water/ha.
CUCURBITS	DOWNY MILDEW (<i>Pseudoperonospora cubensis</i>) ANTHRACNOSE (<i>Colletotrichum</i> spp.)	1.5 - 2.75 ℓ/ha	Apply at 7 - 10 day intervals as a preventative full cover spray in not less than 500 ℓ water/ha. Use the higher rate when weather conditions favour disease.
POTATOES	EARLY BLIGHT (<i>Alternaria solani</i>) LATE BLIGHT (<i>Phytophthora infestans</i>)	1 - 1.5 ℓ/ha 2.75 ℓ/ha 2.75 ℓ/ha 1.5 ℓ/ha 2.75 ℓ/ha	CHLOROFLO 500 SC should be applied as a preventative measure. Commence the programme with an application just before or at the appearance of first disease symptoms. Continue with spray programme until aerial growth starts to die back. GROUND APPLICATION: Low infection pressure: Apply every 7 days in a minimum of 500 ℓ water/ha. Use the low dosage under dryland conditions. High infection pressure: Apply every 5 - 7 days under favourable infection conditions. Use 500 - 1500 ℓ water/ha depending on growth stage. CENTRE PIVOT APPLICATION: Apply in a regular spray programme at intervals of 4 - 10 days depending on infection pressure. Do not exceed a water volume equal to 20 mm rain and apply during a single continuous cycle of the centre pivot. Please note: Up-to-Date potatoes are very susceptible to late blight and some infection may occur under centre pivot application under high infection pressure between January and April. It is advisable to shorten application intervals to 4 - 5 days. AERIAL APPLICATION: Apply in 30 - 40 ℓ water/ha Low infection pressure: As for ground application. High infection pressure: As for ground application.

TOMATOES	EARLY BLIGHT <i>(Alternaria solani)</i> LATE BLIGHT <i>(Phytophthora infestans)</i> BOTRYTIS ROT <i>(Botrytis cinerea)</i> LEAF SPOT <i>(Septoria lycopersici)</i>	150 mℓ 275 mℓ 300 mℓ 550 mℓ	Commence spray programme preventively from flowering or earlier if weather conditions are favourable for the disease. Apply as a full cover spray – up to 2000 ℓ spray mixture/ha depending on size of plants and planting method. HIGH VOLUME APPLICATION: Use 1000 - 2000 ℓ spray mixture/ha on mature plants. Low infection pressure: Apply every 10 - 14 days. Do not use less than 1.5 ℓ CHLOROFLO 500 SC/ha on mature plants. High infection pressure: Apply every 7 - 10 days. Use a minimum of 2.75 ℓ CHLOROFLO 500 SC/ha on mature plants. LOW VOLUME APPLICATION: Use 500 ℓ spray mixture/ha on mature plants. Low infection pressure: Apply every 10 - 14 days. Do not use less than 2.75 ℓ CHLOROFLO 500 SC/ha on mature plants. High infection pressure: Apply every 7 - 10 days. Use a minimum of 2.75 ℓ CHLOROFLO 500 SC/ha on mature plants. Note: Ensure thorough wetting of both upper and lower surfaces of foliage.
GLADIOLI	LEAF SPOT <i>(Botrytis spp.)</i>	275 mℓ	Apply as a preventative full cover spray at 7 - 14 day intervals. Do not spray onto flowers.
ROSES	BLACK SPOT <i>(Actinonema rosae)</i>	275 mℓ	Apply every 7 - 14 days as a preventative cover spray.
LAWNS AND TURF	DOLLAR SPOT <i>(Sclerotinia homeocarpa)</i> <i>Rhizoctonia solani</i> , and <i>Helminthosporium spp.</i>	500 mℓ 750 mℓ	Use 10 ℓ spray mixture per 100 m² in a preventative programme at 7 - 10 day intervals. Apply as a curative treatment twice within 7 days and follow up with preventative programme as above.

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'n Nie-sistemiese swamdoder suspensie konsentraat vir die voorkomende beheer van siektes soos aangedui vir aartappels, tamaties, bone, grondbone, pampoengewasse, rose, swaardlelies, grasperke en baangras.

Swamdodergroepkode **M5**

AKTIEWE BESTANDDEEL:

Chlorotalonil (chloronitriël) 500 g/l

Registrasiehouer:

Nulandis[®] ('n Afdeling van AECL Beperk)
Reg. Nr. 1924/002590/06
Posbus 14418
Witfield
1467

VERSIGTIG

WAARSKUWING:

Laat 'n minimum van drie dae toe tussen laaste toediening en oes van bone, aartappels, tamaties en pampoengewasse. Moenie boon- of grondboonhooi vroeër as 42 dae na bespuiting as voer gebruik nie. Kan oë, neus, keel en vel irriteer. Mag skadelik wees indien sproeinewel ingesem of konsentraat ingesluk word. Hou buite bereik van kinders, oningeligte persone en diere. Bêre in 'n koel plek weg van voedsel en voer.

Herbetreding: Moenie behandelde gebied betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere 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 REGISTRASIEHOUEER 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 SIEKTE TEEN DIE BETROKKE MIDDEL SOWEL AS DIE METODE, TYD EN AKKURAAKTHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUEER 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 ETIKETSAANWYSINGS 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:

Vermyn inaseming van sproeinewel. Dra beskermende klere, rubberhandskoene en gesigskerm wanneer konsentraat hanteer word en was besoedelde kledingstukke daaglik. Was met seep en water na hantering of toevallige velkontak.

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

Verhoed besoedeling van voedsel, voer, drinkwater en eetgerei.

Verhoed die wegdrywing van sproeinewel na nie-teiken gewasse, weiding, riviere en damme en ander gebiede wat nie onder behandeling is nie.

Maak spuitapparaat skoon na gebruik en moenie ander gewasse, weiding, riviere of damme met waswater besoedel nie. Spoel die houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word. Vernietig leë houer en moenie vir ander doeleindes gebruik nie. Leë houe wat driekeer uitgespoel is kan aan 'n goedgekeurde verwerkingsmaatskappy gestuur word.

WEERSTANDSWAARSKUWING:

CHLOROFLO 500 SC is 'n groepkode M5 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **CHLOROFLO 500 SC** of enige ander groepkode M5 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **CHLOROFLO 500 SC** of enige ander groepkode M5 swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Vermyn die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van geregistreerde produkte in verskillende swamdodergroepcodes.
- Raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkmengsels gemaak word, met produkte in verskillende swamdodergroepcodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siektebeheerprogramme

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk

NOTA: **CHLOROFLO 500 SC** is 'n meervoudige reaksiesentrumkontakswamdoder met 'n lae risiko vir die ontwikkeling van weerstand.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

VERENIGBAARHEID:

CHLOROFLO 500 SC is verenigbaar met metomil, mevinfos en sipermetrien. Waar dit saam met bogenoemde of enige ander produk gebruik word, moet die voorsorgmaatreëls en voorskrifte op die betrokke etiket deeglik bestudeer word. Die gebruik van 'n geregistreerde bevorderingsmiddel vir die verbetering van **CHLOROFLO 500 SC** se uitwerking word sterk aanbeveel.

MENGINSTRUKSIES:

Skud **CHLOROFLO 500 SC** houer deeglik voor gebruik. Meet die benodigede hoeveelheid **CHLOROFLO 500 SC** af en meng dit vooraf met minstens 10 l water. Vul spuittenk half met water, aktiveer die roerder in die spuittenk en meng produkte in die genoemde volgorde: bevorderingsmiddel, benatbare poeier, suspensie konsentraat en emulgeerbare konsentraat. Vul spuittenk tot verlangde volume. Roer aanhoudend tydens vermenging en toediening. Moenie in enige spuit- of toevoertenk vir onbepaalde tyd laat staan nie.

ALGEMENE TOEDIENINGSAANWYSINGS:

Verseker goeie benatting van beide bo- en onderkant van blare deur die aanbevole volume water te gebruik en dien as 'n voorkomende behandeling toe. Verkort spuit tussenpose waar omstandighede die betrokke siekte bevoordeel. Indien meer as 13 mm reën of oorhoofse besproeiing binne 72 uur na toediening ondervind is moet behandeling herhaal word. Waar spilpunttoestel gebruik word, moenie kort na reën toedien nie om die risiko van plantbeskadiging deur afloop te voorkom. Dien gedurende een enkele, ononderbroke siklus van spilpunt toe. Moenie bespuitings toedien as die dag-temperatuur 30°C oorskry nie.

LUGTOEDIENING:

CHLOROFLO 500 SC kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met korrek gekalibreerde, geregistreerde vliegtuig het volgens die instruksies van SANS 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 30 – 40 l per hektaar 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 effek indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- **Druppelbedekking:** 50 – 70 druppels per cm² moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 200 – 250 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 – 4 meter. Moenie 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 binne die 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 swaaihygrometer, moet nie 8°C oorskry nie.
- Staak bespuiting indien die windspoed 15 km/h oorskry.
- Staak bespuiting tydens **turbulente**, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur **inversietoestande** (deur bo of binne die inversielaag te spuit) en / of **hoë lugvogtoestande** (relatiewe humiditeit 80% en meer) mag tot die 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 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 opgeteken is vir toekomstige verwysing.

TOEDIENINGSTABEL:

GEWAS	SIEKTE	TOEDIENINGS-DOSIS PER 100 ℓ WATER OF SOOS AANGEDUI	TYD VAN TOEDIENING
AARTAPPELS	VROEË ROES (<i>Alternaria solani</i>) LAATROES (<i>Phytophthora infestans</i>)	1 -1.5 ℓ/ha 2.75 ℓ/ha 1.5 ℓ/ha 2.75 ℓ/ha	CHLOROFLO 500 SC behoort as voorkomende bespuiting toegedien te word. Begin die program met 'n bespuiting net voor-, of sodra eerste siektesimptome verskyn. Volhard met die spuitprogram totdat die bogrondse groei begin terugsterf. GRONDTOEDIENING: Lae infeksiedruk: Dien elke 7 dae in minstens 500 ℓ water/ha toe. Gebruik die laer dosis onder droëland omstandighede. Hoë infeksiedruk: Dien elke 5 - 7 dae toe wanneer besmettingsdruk hoog is. Gebruik 500 - 1500 ℓ water/ha afhange van groeistadium. SPILPUNTOEDIENING: Dien as 'n gereelde spuitprogram met tussenpose van 4 - 10 dae toe na gelang van infeksiedruk. Moenie 'n watervolume gelyk aan 20 mm reën oorskry nie en dien in een ononderbroke siklus van die toestel toe. L.W. Up-to-Date aartappels is uiters vatbaar vir laat roes en 'n mate van infeksie kan onder spilpunte by hoë infeksiedruk tussen Januarie en April verwag word. Dit is raadsaam om spuit tussenpose gedurende hierdie periode na 4 - 5 dae te verkort. LUGTOEDIENING: Dien toe in 30 - 40 ℓ water/ha. Lae besmettingsdruk: Soos vir grondtoediening. Hoë besmettingsdruk: Soos vir grondtoediening.
TAMATIES	VROEË ROES (<i>Alternaria solani</i>) LAATROES (<i>Phytophthora infestans</i>) BOTRYTIS ROT (<i>Botrytis cinerea</i>) BLAARVLEK (<i>Septoria lycopersici</i>)	150 mℓ 275 mℓ 300 mℓ 550 mℓ	Begin bespuitingsprogram voorkomend vanaf blom of vroeër indien weersomstandighede die siekte begunstig. Dien as 'n voldekbepuiting teen tot 2 000 ℓ spuitmengsel/ha toe, afhange van grootte van plante en opleidingsmetode. HOË VOLUME TOEDIENING: Spuit 1000 – 2 000 ℓ spuitmengsel op volgroeide plante. Lae besmettingsdruk: Dien elke 10 - 14 dae toe. Dien minstens 1.5 ℓ CHLOROFLO 500 SC /ha op volgroeide plante toe. Hoë besmettingsdruk: Dien elke 7 - 10 dae toe. Dien minstens 2.75 ℓ CHLOROFLO 500 SC /ha op volgroeide plante toe. LAE VOLUME TOEDIENING: Spuit 500 ℓ spuitmengsel/ha op volgroeide plante. Lae besmettingsdruk: Dien elke 10 - 14 dae toe. Dien minstens 2.75 ℓ CHLOROFLO 500 SC /ha op volgroeide plante toe. Hoë besmettingsdruk: Dien elke 7 - 10 dae toe. Dien minstens 2.75 ℓ CHLOROFLO 500 SC /ha op volgroeide plante toe. Nota: Maak seker dat beide, bo- en onderkant van blare deeglik benat word.
BONE	ROES (<i>Uromyces appendiculatus</i>)	1 - 2 ℓ/ha 2 ℓ/ha 2 ℓ/ha	Dien as 'n voorkomende dekbespuiting toe. Begin met eerste tekens van siektes en spuit as 'n program met tussenpose van 7 - 14 dae. GRONDTOEDIENING: Droëland bone: Gebruik 'n minimum van 500 ℓ water/ha, met die hoër konsentrasie onder gunstige besmettingstoestande. Bone onder besproeiing: Dien toe soos bo vermeld. LUGTOEDIENING: Dien toe soos hierbo in 30 - 40 ℓ water/ha.

GRONDBONE	BLAARVLEK (<i>Cercospora</i> spp.) SPATSELVLEK (<i>Phoma arachidicola</i>) BOTRYTIS VROT (<i>Botrytis cinerea</i>)	1 l/ha 2.25 l/ha 2.25 l/ha 2.25 l/ha	Dien as 'n voorkomende dekbespuiting in 'n gereelde spuitprogram teen 'n minimum van 500 l spuitmengsel/ha toe. Begin bespuitings met eerste tekens van siektes (6 - 10 weke na plant). DROëLAND: Lae besmettingsdruk: Gebruik met 10 - 14 dae tussenpose. Hoë besmettingsdruk: Dien die hoër dosis elke 7 - 10 dae in tot 1500 l water/ha toe, afhangende van digtheid van plantgroei. ONDER BESPROEIING: Dien elke 7 - 14 dae toe in 1 500 l water/ha soos bo. LUGTOEDIENING: Net as 'n aanvullende behandeling indien trekkerbespuiting nie moontlik is nie. Dien toe in 30 - 40 l water/ha.
PAMPOEN-GEWASSE	DONSIGE SKIMMEL (<i>Pseudoperonospora cubensis</i>) ANTRAKNOSE (<i>Colletotrichum</i> spp.)	1.5 - 2.75 l/ha	Dien met 7 - 10 dae tussenpose as 'n voorkomende voldekspuiting in 'n minimum van 500 l water/ha toe. Gebruik die hoër dosis wanneer weerstoestande die siekte begunstig.
ROSE	SWARTVLEK (<i>Actinonema rosae</i>)	275 ml	Dien elke 7 - 14 dae as 'n voorkomende volle dekbespuiting toe.
SWAARDLELIES	BLAARVLEK (<i>Botrytis</i> spp.)	275 ml	Dien as 'n voorkomende voldekbepuiting met 7 - 14 dae tussenpose toe. Moenie die blomme raakspuit nie.
GRASPERKE EN TURFBANE	DOLLAR-VLEK (<i>Sclerotinia homeocarpa</i> <i>Rhizoctonia solani</i> , en <i>Helminthosporium</i> spp.)	500 ml 750 ml	Gebruik 10 l spuitmengsel per 100 m ² as 'n voorkomende program met 7 - 10 dae tussenpose. Dien as 'n korrektiewe behandeling tweekeer binne 7 dae toe en volg op met voorkomende program soos bo vermeld.