

**WARNINGS:**

**Preharvest Interval:** Allow the following time intervals between **APACHE GOLD 350 SC** application and harvest:

**Foliar application:**

Apples 70 days

**Soil application:**

Broccoli	76 days	Cauliflower	136 days	Grapes	112 days
Brussels sprouts	91 days	Citrus	212 days	Potatoes	120 days
Cabbage	93 days	Cucurbits	100 days	Tomatoes	23 days

**NOTE:** The recommended withholding period between last application and harvest meets local residue requirements but may not meet export residue requirements. If the treated crop is intended for the export market, consult the relevant exporting authority regarding pre-harvest interval requirements before the application of this product.

- Handle with care.
- Poisonous when adsorbed through the skin or swallowed or inhaled.
- Toxic to fish and wildlife.
- Store in the original container in a cool place away from food and feedstuffs.
- Keep out of reach of children, uniformed persons and animals.
- In case of poisoning call a doctor and make label available to him/her.
- **Re-entry:** Do not enter treated area within 1 day after treatment 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, water-bodies and rivers. Refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

*Although this product has been extensively tested under a large variety of conditions, the registration holder does not warrant that this product will be effective under all conditions. The activity 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 weed 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 protective clothing (face mask, overall, gloves, boots) when mixing and applying this product.
- Do not inhale fumes.
- Wash contaminated clothing daily.
- Wash with soap and water after use or accidental skin contact.
- Do not eat, drink or smoke whilst mixing, applying or before washing hands and face.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.
- Clean the applicator after use and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Rinse the empty container three times with the volume of water equal to at least one tenth of that of the containers and add the rinsing water to the contents of the spray tank before disposing of the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and do not use for any other purpose.

**RESISTANCE MANAGEMENT:**

For resistance management, **APACHE GOLD 350 SC** is a group code 4A insecticide. Any insect population may contain individuals naturally resistant to **APACHE GOLD 350 SC** and other group code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and consecutively. These resistant insects may not be controlled by **APACHE GOLD 350 SC** or any other group code 4A insecticides.

To delay insecticide resistance:

- Avoid exclusive repeated and consecutive use of insecticides from the same insecticide group code. Alternate with products from different insecticide group codes.
- Do not apply **APACHE GOLD 350 SC** or any product that belongs to the same chemical group, more than once per year on citrus (bearing, non-breathing and nursery trees). Integrate with other control methods (chemical, cultural, biological) into insect control programs.

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



# APACHE GOLD 350 SC

Reg. No./Nr: L 9398 Act/Wet 36 of/van 1947

A systemic suspension concentrate insecticide for the control of aphids, red scale, thrips, leafminers and psylla on citrus trees; aphids on potatoes, cucurbits, cruciferae and roses; mealybugs on grapes; woolly aphids on apples, whitefly on tomatoes and various insects as listed on Forestry.

'n Sistemiese suspensiekonsentraat insekdoder vir die beheer van plantluisie, rooidopluis, blaaspootjies, blaarmyners en bladvlouie op sitrusbome, plantluise op aartappels, rose, pampoen- en koolgewasse, witluis op druiwe, bloedluise op appels, witvlieë op tamaties en verskeie insekte soos aangetoon in Bosbou.

**INSECTICIDE GROUP CODE**

**A4**

**INSEKDODER GROEPKODE**

## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Imidacloprid (neonicotinoid) .....350 g/l ..... Imidakloprid (neonikotinoïed)

**Manufacture Date:**  
**Vervaardigingsdatum**

**Batch No.:**  
**Lotnommer**

**NET CONTENTS/NETTO INHOUD**

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS  
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

**REGISTRATION HOLDER/REGISTRASIEHOUER:**

**Castle Ag-Chem (PTY) LTD/(EDMS.) BPK**

Reg. No/Nr: 2007/033120/07

61 Marshall Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4300 • Tel: 031 003 3486

UN No.: 2902



HARMFUL  
SKADELIK



#### **SYMPTOMS OF HUMAN POISONING:**

Apathetic state, depression, muscular tone, respiratory disturbances and trembling and muscular cramps in severe cases of poisoning.

**FIRST AID TREATMENT:** Remove the patient from source of poisoning to a well-ventilated area and keep him/her quiet and reassured. Remove any contaminated clothing.

**SKIN** – Rinse the contaminated body area thoroughly with plenty of soap and water. Do not rub skin.

**EYES** – Flush contamination out of eyes with clean water for at least 15 minutes.

**INGESTION** – If swallowed, induce vomiting by tickling the back of the throat / uvaia. Repeat until the vomit is clear and free from the smell of the insecticide. Administer artificial respiration or closed chest cardiac massage if necessary. Do not apply direct mouth to mouth respiration. Never give anything by mouth to an unconscious person.

#### **TAKE THE PATIENT TO THE NEAREST PHYSICIAN IMMEDIATELY.**

**Note to physician:** Treat symptomatically. Monitor blood pressure and pulse rate frequently (bradycardia and hypotonia are possible). Provide supportive measures for respiratory and cardiac action. Give artificial respiration if signs of paralysis appear. Additional measures involve the elimination of the substance from the body or acceleration of its excretion (gastrolavage, saline laxatives, activated charcoal).

#### **DIRECTIONS FOR USE: Use only as indicated.**

##### **Application information:**

Do not apply to crops under stress. Apply to moist soil free from weeds and crops residues that can affect the distribution of the product on the soil surface. Do not apply through irrigation systems.

##### **Compatibility:**

**APACHE GOLD 350 SC** is compatible with some pesticide formulations. Before applying any mixture test the mixture to ensure compatibility. Mixing instructions: Pour the required quantity of **APACHE GOLD 350 SC** into the spray water and agitate continuously. Do not allow the **APACHE GOLD 350 SC** mixture to stand any length of time before using. Do not use brack or hard spray water.

##### **Aerial application:**

Aerial application may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118: 2009 (The Aerial Application of Pesticides). It is important to 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 30ℓ spray mixture per hectare is recommended. As this product has been evaluated at the 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 30 droplets per cm<sup>2</sup> must be recovered on the target.
- **Droplet Size:** a droplet spectrum with a VMD of 280 to 300 microns is recommended. Ensure that the production of fine droplets (less than 150 microns) is restricted 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, at the top of during a dive, or when banking.
- Use suitable **atomising equipment** (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product through drift. The operator must use a setup that will 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 droplet from entering the **wingtip vortices**.
- The difference in **temperature** between the wet and dry bulb thermometers of 3 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 for 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.

CROP/PEST	DOSAGE RATE	REMARKS
<b>APPLES:</b> Woolly aphid ( <i>Eriosoma lanigaeum</i> )	<b>SOIL DRENCH:</b>  1.0 mℓ per tree  3.0 mℓ per tree	Apply in 1ℓ of water in a jug to the soil around the tree trunk base. The treated area should be free of weeds and mulch. Irrigate within 24 hours of application. Apply to trees up to 6 years old in September or within 3 weeks after flowering. Apply to 7 to 15 years old trees within 3 weeks of flowering
<b>NOTES:</b> Do not apply to trees older than 15 years. Trees should be healthy, stress free and regularly irrigated before and after application. Any stress factor can reduce the effect of the treatment. Do not apply the soil drench treatment through the irrigation system.		
<b>CITRUS:</b> BEARING TREES UNDER 15 YEARS OLD (Excluding Kumquat) Brown Aphid ( <i>Toxoptera aurantii</i> ) Red scale ( <i>Aonidiella aurantii</i> ) Pyslla ( <i>Trioza erythrae</i> )  Black Aphid ( <i>Toxoptera citricidus</i> )  NON-BEARING TREES Black Aphid ( <i>Toxoptera citridus</i> ) Leafminer ( <i>Phyllocnistis citrella</i> )  NURSERY SEEDLINGS Black Aphid ( <i>Toxoptera citricidus</i> ) Leafminer ( <i>Phyllocnistis citrella</i> ) Thrips ( <i>Scirtothrips aurantii</i> )	<b>SOIL DRENCH:</b>  9.0 mℓ per tree  6.0 mℓ per tree  6.0 mℓ per tree 8.0 mℓ per tree  1.5 mℓ per seedling 3.0 mℓ per seedling	Apply during August to September at green tip to white bud tree growth stage. Dilute the required volume in 1 ℓ of water in a jug and apply to the soil around the tree trunk base. Irrigate within 24 hours of application  Lemon trees – remove all fruit, including immature fruit, before application. Pest control can only be expected on the first fruit set after application  Applying during August to September in 1 ℓ of water in a jug and apply to the soil around the tree trunk base. Irrigate within 24 hours of application.  Apply 2 days after transplanting grafted seedlings into plastic bags. Apply to the soil around the plant in 200 mℓ water
<b>NOTES:</b> Trees should be healthy, stress free and regularly irrigated before and after application. If applied to trees older than 15 years variable pest control with some crop damage may result. Do not apply the soil drench treatment through any irrigation system. Do not apply to trees immediately after pruning		
<b>CRUCIFERAE:</b> Cabbage Aphid ( <i>Brevicoryne brassicae</i> )	38 mℓ per 10 ℓ water	Apply 600 mℓ of the solution over seedlings in a tray containing 200 seedlings within 24 hours before transplanting. Adjust the volume according for the other tray sizes. Continually stir the mixture during mixing and application.
<b>CUCURBITS:</b> Aphids	20 mℓ per 10 ℓ water (200 mℓ per 100 ℓ)	Apply 30 mℓ of the mixture to the planting hole before planting or on the surface around the plant immediately after planting. Follow-up aphid sprays may be necessary later in the season.

CROP/PEST	DOSAGE RATE	REMARKS
<b>FORESTRY</b> <b>Eucalyptus transplants</b> <b>&lt;1 year old</b> <b>Foliar insects:</b> Psyllids ( <i>Psyllida</i> ), Gall wasps ( <i>Ophelimus maskelli</i> ), Beetles ( <i>Hetrobostrychus brunneus</i> ) <b>Soil insects:</b> White grub ( <i>Scarabaeidae</i> ), Cutworm ( <i>Agrotis</i> ), Termites ( <i>Macrotermes</i> spp), Bark beetles ( <i>Hylastes angustatis</i> )	<b>Dosage per tree:</b> 1.5 mℓ product  <b>Dosage per hectare:</b> 2.5 ℓ product	Apply as a drench in 1 litre water per plant at time of planting.
<b>FORESTRY</b> <b>Eucalyptus Breeding Orchard</b> <b>&gt;1 year old</b> <b>Foliar insects:</b> Psyllids ( <i>Psyllida</i> ), Gall wasps ( <i>Ophelimus maskelli</i> ), Beetles ( <i>Hetrobostrychus brunneus</i> )	<b>Dosage per tree:</b> 8.5 mℓ product	Apply as a drench in 2 litres of water per tree as required.
<b>FORESTRY</b> <b>Nursery seedlings</b>	<b>Dosage:</b> 500 mℓ product per 100 ℓ water	Apply 600 mℓ solution per 200 seedlings.
<b>GRAPES:</b> Mealybug ( <i>Planococcus ficus</i> )	1.5 mℓ per vine	Prepare a basin around the base of each vine to prevent run off. Apply in 1/2 ℓ water as a soil drench around the case of each vine at budburst. Immediately after application apply 2 ℓ clean water to the treated basin around each vine. Irrigate within 1 day of treatment. Apply to irrigated grapes only. Do not apply to grapes under stress. Ants in the crop must be controlled. Under certain conditions a follow up alternate treatment may be necessary.
<b>POTATOES:</b> Aphids ( <i>Myzus persicae</i> )	4.5 mℓ per 3 to 4 ℓ water per 100 m row	<b>Pre-plant:</b> Prepare the planting furrow. Apply to the entire surface of the furrow before planting tubers and covering with soil. <b>Post-plant:</b> After planting and covering the tubers with soil, apply to the soil surface before the crop emerges. 15 mm rain or irrigation is necessary immediately after application. Do not spray tubers directly with the mixture.
<b>ROSES:</b> Aphids ( <i>Macrosiphum rosae</i> ) ( <i>Metapolophium porosum</i> )	5.0 mℓ per 10 ℓ water (4 to 6 weeks control)  10 mℓ per 10 ℓ water (season-long control)	Apply 1.0 ℓ of the mixture on the soil around the stem of each plant in spring or the first sings of infestation.  Irrigation within 24 hours after application. Repeat applications may be necessary depending on rainfall/irrigation and soil texture.
<b>TOMATOES:</b> White fly nymphs ( <i>Trialeurodes vaporariorum</i> ) for use in glasshouses and tunnels only	10 mℓ per 10 ℓ water	Apply 100 mℓ of the mixture to the soil around each plant 1 day after transplanting. Irrigate within 24 hours after application. Repeat 4 weeks later.



**WAARSKUWINGS:**

**Onthoudingsperiode:** Laat die volgende interval tussen **APACHE GOLD 350 SC** toediening en oes.

**Blaarbespuiting::**

Appels 70 dae

**Gondtoediening:**

Aartappels	120 dae	Brusselse spruitjies	91 dae	Pampoengewasse	100 dae
Blomkool	136 dae	Druiewe	112 dae	Sitrus	212 dae
Broccoli	76 dae	Kopkool	93 dae	Tamaties	23 dae

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

- Hanteer versigtig
- Giftig wannier ingeasem, deur die vel opgeneem of deur die mond ingeneem word.
- Giftig vir visse en wild.
- Bewaar in die oorspronklike houër in 'n koel plek weg van voedsel en voer.
- Hou buite bereik van kinders, ongeligte persone en diere.
- In die geval van vergiftiging ontbied 'n geneesheer en toon hierdie etiket aan hom/haar.
- **Herbetreding:** Moet nie die behandelde gebied betree vir 1 dag na die bespuiting nie, tensy beskermende oorklere gedra word.
- **Lugbespuiting:** Stel alle inwoners van die onmiddellike gebied wat bespuit gaan word in kennis en rig die nodig waarskuwings uit. Moenie oor water en aangrensende gebiede spuit nie en sorg dat spuitstofweg-drywing nie dergelike gebiede besoedel nie. Verwys ook na die SANS Gebruikskode vir lugtoediening van landbouchemikalieë.

*Alhoewel hierdie insektmiddel 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 bergingstoestand, kwaliteit van verdunningswater, vereëgbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weersrand van die plaag teen die betrokke insektmiddel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikeheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke insektmiddel 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:**

- Dra beskermende klere (gesigsmasker, oorpak, handskoene, stewels) gedurende meng en toediening van hierdie produk.
- Verhoed inaseming van dampe
- Was besoedelde klere daaglik.
- Was met seep en water na gebruik of toevallige velkontak.
- Moenie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Maak spuitapparaat skoon na gebruik en raak onstlae van uitspoelwater waat dit nie gewasse, weiding, riviere en damme kan besoedel nie.
- Spoel die lê houer drie keer uit met 'n volume water gelyk aan ten minste 10% van die houer en voeg die uitspoelwater by die inhoud van die spuittenk voordat van die houer op die voorgeskrewe metode vernietig word.
- Vernietig lê houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.

**WEERSTANDBESTUUR:**

**APACHE GOLD 350 SC** is 'n groepkode 4A insekdoder. Enige populasie van 'n spesifieke insek spesie mag individue insluit wat 'n natuurlike weerstand teen **APACHE GOLD 350 SC** of enige ander groepkode 4A insekdoder het. Indien hierdie insekdoders herhaaldelik aangewend word kan die weerstandbiedende invidue uiteindelik die insekpopulasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie duer **APACHE GOLD 350 SC** of enige ander groepkode 4A insekdoder beheer word nie.

**Om weerstand teen insekdoders te vertraag:** Vermoed die eksklusiewe en herhaaldelike gebruik van insekdoders in dieselfde insekdoder groepkode. Wissel af meet produkte in verskillende insekdoder groepcodes. Moet nie **APACHE GOLD 350 SC** of enige produk wat aan dieselfde chemiese groep behoort meer as een keer per jaar op sitrus (draende, nie draende en kwekery boompies) toedien nie. Integreer ander beheermaatreëls (chemiese, verbouing, biologies) in insekbeheer programme. Vir spesifieke inligting oor weerstandbestuur kontak die registrasiehouer van hierdie produk.

**SIMPTOME VAN VERGIFTIGING:** Apatiese toestand, verlaagde spierfunksie, asemhalingsversteurings, bewing, spierkrampe in gevalle van ernstige vergiftiging.

**NOODHULPBEHANDELING:**

Verwyder die pasiënt van die oorsaak van vergiftiging na 'n koel en goed geventileerde omgewing, stel hom/haar gerus en hou hom/haar stil. Verwyder besoedelde klere.

**Vel** - Spoel die besmette liggaamsdele met baie seep en koue water af. Moet nie die vel hard vrywee nie.

**Oë** - Besmette oë moet vir ten minste 15 minute met skoon water uitgespoel word.

**Inname** – Indien ingestuk is, insiseer braking deur die agterste van die keel/uvula te prikkel met u vinger. Herhaal totdat braaksel helder is en nie langer na isektemiddel ruik nie pas kunsmatige asemhaling of geslote hartmassering toe indien nodding. Moet nie direkte mond-tot-mond asemhaling toepas nie. Moet nooit iets per mond aan 'n bewustelose persoon toedien nie.

**NEEM DIE PASIËNT ONMIDDELIK NA DIE NAASTE GENEESHEER.**

**Nota aan geneesheer:** Behandel simptome. Monitor bloeddruk en polsslag (hartvertraging en hipotonia kan voorkom) en gee kunsmatige asemhaling indien verlamming intree. Maatreëls soos maagspoeling, soutpurgasie en geaktiveerde-houtskool om die insektemiddel uit die liggaam te verwyder kan gebruik word.

**GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.**

**Toediening:** Moet nie op gewasse wat onder stremming lei toedien nie. Dien toe op klam grond vry van onkruid en plantreste wat produk verspreiding op die grondoppervlakte kan affekteer. Moet nie deur besproeiingsstelsies toedien nie.

**Verenigbaarheid: APACHE GOLD 350 SC** is verenigbaar met sekere ander plaagdoders. Voordat enige mengsel gespuit word, moet verenigbaarheid bevestig word.

**Mengingstruksies:** Voeg die nodige hoeveelheid **APACHE GOLD 350 SC** by die spuitwater terwyl dit aanhoudend groer word. Moet nie die **APACHE GOLD 350 SC** mengsel laat oortaan vir enige periode voor gebruik nie. Moet nie brak – of harde – spuitwater gebruik nie.

**Lugtoediening:**

**APACHE GOLD 350 SC** kan slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistree vliegtuig volgens die instruksies van SANS KODE 10118: 2009 (Aerial Application of Agricultural Remedies) 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 Spuitmengselvolume 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:** 25 tot 30 druppels per cm<sup>2</sup> moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n druppelspektrum met 'n VMD van 280 tot 300 mikrons 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 wanner die vliegtuig duik, styg of draai nie.
- Gebruik geskikte **atmoiseringsapparaat** wat die vereiste druppelgrootte en bedeking 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 binneste 60 tot 75 % van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvortek** beweeg.
- Die verskil in **temperatuur** tussen die nat – en droëboltemometer van 'n swaaighgrometer moet nie 8 °C oorskry nie.
- Stop bespuiting indien die **windspoed** 15 km/uur oorskry.
- Stop bespuiting tydens **turbulente**, onstabiele en droë toestande die hitte van die dag.
- Bespuiting onder temperatuur **inversie toestand** (deur bo of binne die inversie lag te spuit) en/of **hoë lugvogtoestand** (relatiewe humiditeit 80 % en meer) mag tot die volgende problem aanleiding gee:
  - verlagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlike 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 verskering van die lugbespuitingsoperateur te verkry data aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.



GEWAS/PLAAG	DOSIS	OPMERKINGS
<b>AARTAPPELS:</b> Plantuise ( <i>Myzus persicae</i> )	4.5 mℓ per 3 to 4 ℓ water per 100m ry	<b>Voorplant:</b> Berei die plantvoor. Dien op die volle plantvoor oppervlakte toe voordat die moere geplant word en met grond toegemaak is. <b>Naplant:</b> Na plant en toemaak van die moere met grond, dien doe mengsel toe op die grondoppervlakte voor gewas opkoms. 15mm reën of besproeiing is nodig onmiddelik na toediening. Moenie doe moere direk met die mengsel spuit nie.
<b>APPELS:</b> Bloedluis ( <i>Eriosoma lanigeum</i> )	<b>GRONDDEURDRENGING:</b>  1.0 mℓ per boom  3.0 mℓ per boom	Dien toe in 1 ℓ in 'n beker op die grond om die grond om die basis van die boomstam. Die behandelde area moet vry van 'n deklaag en onkruid wees. Besproei binne 24 uur na toediening. Dien toe op bome tot 6 jaar oud in September of binne 3 weke na blom.  Dien toe op 7 tot 15 jaar oue bome binne 3 weke na blom.
<b>NOTAS:</b> Moet nie op bome ouer as 15 jaar toedien nie. Bome moet gesond en stemmingsvry wees en gereeld besproei word voor en na toediening. Enige stremmingfaktore kan die behandelingseffek verminder. Moet nie die grondbehandeling deur die besproeiingsstelsel toedien nie.		
GEWAS/PLAAG	DOSIS	OPMERKINGS
<b>BOSBOU</b> <b>Eucalyptus Uitplant saailinge</b> <b>&lt; 1 jaar oud</b> <b>Blaar insekte:</b> Bladvlooië ( <i>Psyllida</i> ), Gall wespers ( <i>Ophelimus maskelli</i> ), Kewers ( <i>Hetrobostrychus brunneus</i> ) <b>Grondinsekte:</b> Miskruier larf ( <i>Scarabaeidae</i> ), Snywurm ( <i>Agrotis</i> ), Termiete ( <i>Macrotermes</i> spp), Baskewer ( <i>Hylastes angustatis</i> )	<b>Dosis per boom:</b> 1.5 mℓ produk  <b>Dosis per hektar:</b> 2.5 ℓ produk	Dien toe as a grond behandeling in 1 liter water per plant tydens plant.
<b>BOSBOU</b> <b>Eucalyptus Teel bord</b> <b>&gt; 1 jaar oud</b> <b>Blaarbespuiting insekte:</b> Bladvlooië ( <i>Psyllida</i> ), Gall wespers ( <i>Ophelimus maskelli</i> ), Kewers ( <i>Hetrobostrychus brunneus</i> )	<b>Dosis per boom:</b> 8.5 mℓ produk	Dien toe as a grond behandeling in 2 liter water per plant soos benodig.
<b>BOSBOU</b> <b>Kwekery Saailinge</b>	<b>Dosis:</b> 500 mℓ produk per 100 ℓ water	Dien 600 mℓ oplossing per 200 saailinge.
<b>KOOLGEWASSE:</b> Koolplantluis ( <i>Brevicoryne brassicae</i> )	38 mℓ per 10 ℓ water	Dien 600 mℓ van die mengsel oor die saailinge in 'n saailaai wat 200 saailinge bevat binne 24 uur voor uitplanting. Pas die mengsel volume dienoreenkomstig aan vir ander saailaai groottes. Roer die mengsel aanhoudend gedurende meng en toediening.

GEWAS/PLAAG	DOSIS	OPMERKINGS
<b>PAMPOENGWASSE:</b> Plantuise	20 ml per 10 l water (200 ml per 100 l)	Dien 30 ml van die mengsel toe per plantgat voor plant of op die oppervlakte om die plant onmiddellik na plant. Opvolg plantluis bespuitings later in die seisoen mag nodig wees.
<b>ROSE:</b> Plantuise ( <i>Macrosiphum rosae</i> ) ( <i>Metapolophium pororum</i> )	5.0 ml per 10 l water (4 tot 6 weke beher)  10 ml per 10 l water (seisoen-lange beher)	Dien 1.0 l van die mengsel op die grond om die stam van elke plant in die lente of die eerste tekens van besmetting. Besproei binne 24 uur na toediening. Opvolg toedienings mag nodig wees afhange van reënval/besproeiing en grond tekstuur.
<b>SITRUS:</b> DRAENDA BOME MINDER AS 15 JAAR OUD (Uitsluitend koemkwat) Plantluis ( <i>Toxoptera aurantii</i> ) Rooidopluis ( <i>Aonidiella aurantii</i> ) Bladvlooi ( <i>Trioza erythrae</i> )  Plantluis ( <i>Toxoptera citricidus</i> )  NIE-DRAENDE BOME Plantluis ( <i>Toxoptera citridus</i> ) Blaarmyner ( <i>Phyllocnistis citrella</i> )  KWEKERY BOOMPIES Plantluis ( <i>Toxoptera citridus</i> ) Blaarmyner ( <i>Phyllocnistis citrella</i> ) Blaaspoeltjie ( <i>Scirtothrips aurantii</i> )	<b>GRONDDEUR- DRENKING:</b>  9.0 ml per boom  6.0 ml per boom  6.0 ml per boom 8.0 ml per boom  1.5 ml per saailing 3.0 ml per saailing	  Dien toe in Augustus tot September tydens groen – tot witblomknopgroei-stadium. Verdun die verlangte volume in 1 l water in 'n beker en dien toe op die grond om die basis van die boom-stam. Besproei binne 24 uur na toe diening.  Suurlemon bome – verwyder al die vrugte, insluitend onvolwasse vrugte, voor behandeling. Plaag beheer kan slegs op die eerste vrugset na behandeling verweg word.  Dien toe in Augustus tot September in 1 l water in 'n beker en dien toe op die grond om die basis van die boomstam. Besproei binne 24 uur na toediening.  Dien toe 2 dae na uitplant van geënte saailinge in plastiëksakke. Dien to op die grond al om die plant in 200 ml water.
<b>NOTAS:</b> Bome moet gesond en stemmingsvry wees en gereeld besproei word voor en na toediening. Indien op bome ouer as 15 jaar toegedien word, mag wisselvallige plaagbeheer en maontlike gewas skade voorkom. Moet nie die gronddeurdrenkingsbehandeling deur 'n besproeiingssisteem toedien nie. Moet nie toedien op pas gesnoeide bome nie.		
<b>TAMATIES:</b> Witvlieg nimfe ( <i>Trialeurodes vaporariorum</i> ) Slegs vir gebruik in glashuise en tonnells	10 ml per 10 l water	Dien 100 ml van die mengsel toe op die grond om elke plant 1 dag na uitplanting. Besproei binne 24 uur na toediening. Herhaal 4 weke later.





# APACHE GOLD 350 SC

Reg. No./Nr: L 9398 Act/Wet 36 of/van 1947

A systemic suspension concentrate insecticide for the control of aphids, red scale, thrips, leafminers and psylla on citrus trees; aphids on potatoes, cucurbits, cruciferae and roses; mealybugs on grapes; woolly aphids on apples, whitefly on tomatoes and various insects as listed on Forestry.

'n Sistemiese suspensiekonsentraat insekdoder vir die beheer van plantluisie, rooidopluise, blaaspoottjies, blaarmyners en bladvlooië op sitrusbome, plantluisie op aartappels, rose, pampoens- en koolgewasse, witluis op druiwe, bloedluisie op appels, witvlieë op tamaties en verskeie insekte soos aangetoon in Bosbou.

**INSECTICIDE GROUP CODE**

**A4**

**INSEKDODER GROEPKODE**

## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Imidacloprid (neonicotinoid) .....350 g/l ..... Imidakloprid (neonikotinoïed)

**Manufacture Date:**  
Vervaardigingsdatum

**Batch No.:**  
Lotnommer

**NET CONTENTS/NETTO INHOUD**

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS  
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

**REGISTRATION HOLDER/REGISTRASIEHOUER:**

**Castle Ag-Chem (PTY) LTD/(EDMS.) BPK**

Reg. No/Nr: 2007/033120/07

61 Marshall Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4300 • Tel: 031 003 3486

UN No.: 2902



HARMFUL  
SKADELIK

