

PHITEBACK 605 SL

Act No. 36 of 1947 / Wet Nr. 36 van 1947

SA Reg. No. L12014

READ ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

GROUP

P 07

FUNGICIDES

PRODUCT INFO:

A water-soluble liquid systemic fungicide for the management of diseases in crops as listed. Also stimulates plant's natural defence reactions against mentioned diseases.



WARNING

PRODUK INFO:

h Wateroplosbare vloeistof sistemiese swamdoder vir die bestuur van siektes in gewasse soos gelys. Stimuleer ook plante se natuurlike weerstandsreaksies teen genoemde siektes.

HAZARD STATEMENTS:

Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Wear protective gloves, protective clothing, eye and face protection.
Wash hands and exposed skin thoroughly after handling.

Active Ingredients / Aktiewe Bestanddele

Potassium Phosphate	605 g/ℓ	Kaliumfosfaat
(Phosphorous acid equivalent)	400 g/ℓ	Fosforigsuur ekwivalent)

Net (ℓ) SEE CONTAINER

Registration Holder / Registrasiehouer



ICA International Chemicals (Pty) Ltd. • Reg. No. 2001/013319/07
28 Planken Street • Plankenbrug Industrial • STELLENBOSCH • 7600 • SOUTH AFRICA
Tel. +27-21 886 9812 • www.icaonline.co.za

Batch No.
Date of Manufacture
Expiry Date

SEE
CONTAINER

Lot Nr.
Datum van Vervaardiging
Vervaldatum

In case of poisoning, call the following number: Human Poison Helpline +27-861 555 777
Emergency number: Griffon Poison Information Centre +27-82 446 8946

UN No. Not classified



What is
GHS?

PK-001

PhiteBack 605 SL

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A water-soluble liquid systemic fungicide for the management of diseases in crops as listed. Also stimulates plant's natural defence reactions against mentioned diseases.

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REGISTERED BY:

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WARNINGS

Causes serious eye irritation

WITHHOLDING PERIODS (Minimum number of days between last application and harvest):

- ▶ Citrus 14 Days
- ▶ Onions 0 Days
- ▶ Pineapples Do not apply from 6 weeks before flower induction up to harvest.
- ▶ Potatoes 21 Days
- ▶ Table and Wine Grapes 28 Days

Compliance with these withholding periods and application methods will ensure that residues do not exceed local maximum residue limits (MRL) but may not meet the import requirements of other countries. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, MRL and recommended waiting periods. Although **PhiteBack 605 SL** is regarded as crop-safe on most of the important cultivars, this does not mean that a more sensitive cultivar might be available in future. **PhiteBack 605 SL** must be tested on new cultivars prior to usage over larger areas.

RE-ENTRY INTERVAL: Do not enter treated area within 24 hours after application/until spray deposit has dried, unless wearing protective clothing. Wash protective clothing after use.

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 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, and the environment or harm to man/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 gloves, protective clothing, eye and face protection.
Wash hands and face thoroughly after handling. Do not touch eyes.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical help.
Collect spillage.
Dispose of contents and container in accordance with national regulations.

TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds until the flow has slowed down to a drip. Thereafter, rinse the empty container three times in succession with one quarter of the container volume with fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

RELEVANT SUBSTANCES:

Monopotassium phosphite (Cas no: 13977-65-6) Eye Irritation Category 2, H319 (51 % w/v).
Dipotassium phosphite (Cas no: 13492-26-7) Eye Irritation Category 2, H319 (9 % w/v).

FIRST AID TREATMENT

In case of accident or if you feel unwell seek medical advice immediately and show this LABEL where possible

INHALATION:

Remove the victim from immediate source of exposure. Move victim to fresh air, if it can be done safely, and keep comfortable. If victim's breathing has stopped, perform artificial respiration. Administer oxygen if victim's breathing is difficult or irregular. Get medical help.

SKIN:

Remove and isolate contaminated clothing, shoes, and leather goods immediately and take a shower.
Rinse affected areas (skin) immediately with non-abrasive soap or mild detergent and large amounts of running water.
Wash contaminated clothing before reuse. Get medical help if irritation develops and persists.

EYES:

Rinse eyes IMMEDIATELY with clean running water for at least 15 minutes, while holding eyelids apart. Remove contact lenses after 5 minutes if present and easy to do. Continue rinsing while holding eyelids apart. Seek medical help if irritation continues.

INGESTION:	If swallowed, DO NOT induce vomiting, unless instructed to do so by poison control center or doctor. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person. If vomiting does occur, keep on giving fluids. Get medical help.
NOTE TO PHYSICIAN:	There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient.
POTENTIAL HEALTH EFFECTS, ACUTE AND DELAYED:	Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.

RESISTANCE WARNING

For resistance management: PhiteBack 605 SL is a FRAC group code (P07) fungicide. Any fungal population may contain individuals naturally resistant to **PhiteBack 605 SL** and other FRAC group code (P07) fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **PhiteBack 605 SL** or any other FRAC group code (P07) fungicides.

To prevent or 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 other fungicide group codes, refer to individual product labels,
- integrate other forms of control methods (chemical, cultural, biological) into disease control programmes,
- for specific information on resistance management contact the registration holder of this product or contact your local supplier,
- in order to maintain the efficacy of **PhiteBack 605 SL**, it is necessary to prevent the development of resistance of the pathogens against the (P07) fungicide group,
- adhere to the dosage rates recommended on the label, DO NOT reduce dosage rate.

MODE OF ACTION

Phosphonates are known to exert direct toxicity against plant pathogens, thereby reducing pathogen populations, while also promoting the natural defence mechanisms of plants.

USE RESTRICTIONS

- Consult the product labels for **USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS** and **DIRECTIONS FOR USE**.
- **FOR ALL CROPS AND DISEASES, DO NOT EXCEED THE SUGGESTED MAXIMUM APPLICATIONS OF PHITEBACK 605 SL PER SEASON.**

DIRECTIONS FOR USE – use only as directed

COMPATIBILITY:

The compatibility of **PhiteBack 605 SL** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. It is possible that formulations may change from time to time. It is therefore recommended that a small-scale physical compatibility test be done prior to the tank mixture being made. Always consult the labels of products to be tank mixed with **PhiteBack 605 SL**. Do not mix with products containing heavy metals i.e. copper containing products or apply within 21 days before or after copper application. The use of **PhiteBack 605 SL** in tank mixtures with mineral oils, copper containing products, dimethoate, products from the diclorfol group, products with a high potassium content, or highly alkaline products is not recommended. A suitable wetting agent may be added if necessary, except where the use of an adjuvant is specifically indicated. The wetting agent should be added last into the mixing tank to avoid excessive foaming. Do not add a wetting agent, if **PhiteBack 605 SL** is being mixed with an agricultural chemical that already contains a wetting agent.

TREE AND/OR PLANT CONDITION:

PhiteBack 605 SL should only be applied to actively growing plants and trees to ensure that there is adequate sap flow to transport the product throughout the plant. Avoid application when trees/plants are under stress as result of drought, heat or waterlogging as this may result in poor control and/or phytotoxic effects such as leaf spot, gummosis, chlorosis, necrosis, stunting or deformation.

IMPORTANT NOTES (GENERAL):

Do not apply if day temperatures are above 30 °C or under conditions of high relative humidity. **PhiteBack 605 SL** is best applied during the early morning or late afternoon. If over 10 mm of rain falls within an hour of application, reapply the product. Ensure leaves are dry after rainfall or heavy dew before using **PhiteBack 605 SL**. Be cautious, as high-volume, high-pressure applications on citrus can lead to phytotoxicity. **Do not spray soft citrus with phosphonates during colour break to avoid phytotoxicity.**

MIXING INSTRUCTIONS:

- **Shake the PhiteBack 605 SL container well before use. Replace cap directly after use.** Half-fill the spray tank with water and ensure continuous agitation and add the required quantity of **PhiteBack 605 SL**.
- Do not mix with products containing heavy metals i.e. copper containing products.
- Observe the following formulation mixing sequence if other products will be tank mixed with **PhiteBack 605 SL**: wettable powders, water dispersible granules, suspension concentrates, emulsifying concentrates and soluble concentrates last. Pre-mix the required volume of each product in 10 litres water in separate containers. When mixing with a wettable powder, premix the wettable powder with a small quantity of water to form a smooth cream before adding to the mixing tank. If a wetting agent is used, it should be added last into the mixing tank. Consult the other product labels for more details.
- Add the pre-mixtures to the water and fill the tank to the required volume with clean water while maintaining agitation, to ensure thorough mixing of the spray mixture, before and during application.
- **TANK MIXTURES MUST BE SPRAYED OUT IMMEDIATELY AND NOT ALLOWED TO STAND IN THE SPRAY TANK OVERNIGHT.**
- Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

PINEAPPLES Control of: Root rot (<i>Phytophthora cinnamoni</i>) Base (Heart) Rot (<i>Phytophthora nicotianae</i> var. <i>parasitica</i>)	500 – 750 mℓ / 2000 ℓ water 10 ℓ / 1000 – 2000 ℓ water/ha	Treatment of Plant Material via Dipping: - Submerge the tops completely in PhiteBack 605 SL solution for 10 minutes, ensuring continuous agitation to promote thorough wetting immediately before planting. - Incorporating a suitable adjuvant* (wetter/sticker) into the solution enhances surface coverage and improves overall wetting of the planting material. Post-Planting Treatment - Apply a foliar drench of PhiteBack 605 SL during autumn and again in spring – these seasons correspond with active growth phases that precede periods of elevated <i>Phytophthora</i> risk. - Repeat applications every 2 to 3 months, ensuring treatments are avoided during dormancy induced by waterlogging, heat stress, or cold conditions. - Apply up to five (5) sprays of PhiteBack 605 SL per season. - Do not apply within six weeks prior to flower induction, as shorter intervals may compromise induction efficacy. - To mitigate resistance development, alternate PhiteBack 605 SL with registered fungicides that possess unrelated chemical modes of action. <i>Phytophthora</i> root and base rot in pineapples is favored by the following conditions: - Excessive rainfall. - Poor soil drainage. - Inadequate or absent soil fumigation for nematode control. - Poor cultivation practices.
POTATOES Control of: Late blight (<i>Phytophthora infestans</i>)	2,6 ℓ / ha PLUS 2 kg Mancozeb 800 WP / ha	- Commence PhiteBack 605 SL application 21 days after emergence or earlier if conditions favour late blight infections. - Repeat at 7-day intervals, to a maximum of five (5) applications per season. - Apply in adequate water volumes of 500 – 1000 ℓ water / ha depending on plant size, as a direct spray over the rows. Ensure complete spray coverage. - Do not apply within 21 days of a copper application.
TABLE AND WINE GRAPES Control of: Downy mildew (<i>Plasmopara viticola</i>)	300 mℓ / 100 ℓ PLUS 120 g Mancozeb 800 WP / 100 ℓ OR 300 mℓ / 100 ℓ PLUS 30 g D-Fence 700 WG / 100 ℓ WATER VOLUME REQUIRED FOR HIGH VOLUME APPLICATIONS: Pre-blossom stage Wine grapes: 300 – 750 ℓ spray mixture per ha Table grapes: 500 – 1000 ℓ spray mixture per ha Blossom to pea-berry stage Wine grapes: 750 – 1000 ℓ spray mixture per ha Table grapes: 1000 – 1500 ℓ spray mixture per ha Pea-berry to harvest stage Wine grapes: 1000 – 1500 ℓ spray mixture per ha Table grapes: 1000 – 1500 ℓ spray mixture per ha	Winter rainfall region: Commence application when shoots are 10 – 15 cm long and repeat every 10 – 14 days if necessary. Summer rainfall region: Commence application mid-summer, or when first symptoms are noticed. - Commence PhiteBack 605 SL application before the onset of disease, or when weather conditions are conducive to disease development. - Repeat applications at 10 – 14-day intervals depending on conditions favouring infection, use shorter intervals under high disease pressure. - Once berries reach the pea size stage, using mancozeb may lead to visible spray residues. In such situations, applying PhiteBack 605 SL on its own could be an option, maintaining the withholding period. However, application intervals would need to be to 10-day intervals. - Spray applications should be performed when plants are at peak turgidity to prevent leaf burn. For this reason, spraying is best done in the early morning or late afternoon. To avoid exposure to high temperatures, spraying should stop at least one hour before air temperatures reach 30 °C. - Apply as a full cover spray and ensure thorough coverage of the whole plant during application. - The compatibility of PhiteBack 605 SL with other pesticides has not been evaluated. If combining with another product is

		necessary, it is advisable to conduct a small-scale test before proceeding. ▸ Apply up to five (5) sprays of PhiteBack 605 SL per season.
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Consult the product labels for **USE RESTRICTIONS**, **WARNINGS** (including RESISTANCE WARNINGS), **PRECAUTIONS** and **DIRECTIONS FOR USE**.

*Use a registered wetting and sticking adjuvant with alcohol ethoxylates as active ingredient.

PK-001

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'n Wateroplosbare vloeistof sistemiese swamdoder vir die bestuur van siektes in gewasse soos gelys. Stimuleer ook plante se natuurlike weerstandsreaksies teen genoemde siektes.

AKTIEWE BESTANDDEEL:

Kaliumfosfiet 605 g/ℓ
(Fosforigsuur ekwivalent 400 g/ℓ)

GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd., Reg. Nr. 2001/013319/07
Plankenstraat 28 • Plankenbrug Industrieël • Stellenbosch • 7600 • Suid-Afrika
Tel. +27-21 886-9812 • www.icaonline.co.za

WAARSKUWINGS

Veroorsaak ernstige oogirritasie

ONTHOUDINGSPERIODES (Minimum aantal dae tussen laaste toediening en oes):

- ▶ Aartappels 21 Dae
- ▶ Pynappels Moenie vanaf 6 weke voor blom tot en met oes toedien nie.
- ▶ Sitrus 14 Dae
- ▶ Tafel- en Wyndruiwe 28 Dae
- ▶ Uie 0 Dae

Nakoming van hierdie onthoudingsperiodes en gebruiksaanwysings sal verseker dat die plaaslike maksimum residu limiete (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoervereistes van ander lande nie. Indien die gewas wat behandel gaan word, bestem is vir uitvoer, raadpleeg die betrokke in- of uitvoerder rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **PhiteBack 605 SL** as gewasveilig beskou word op meeste van die belangrike kultivars, beteken dit nie dat 'n meer sensitiewe kultivar in die toekoms op die mark kan kom nie. **PhiteBack 605 SL** moet eers op nuwe kultivars getoets word voordat dit oor groot areas aangewend word.

HERBETREDINGSINTERVAL: Moenie behandelde gebied binne 24 uur na toediening betree nie of alvorens die spuitneerslag nie droog is nie, tensy beskermende oorklere gedra word. Klere moet gewas word na elke dag se gebruik.

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 bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander produkte 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 akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effekte op mens of dier of vir 'n gebrek aan doeltreffendheid, as gevolg van die versuim van die gebruiker om die 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 geval van enige onsekerheid.

VOORSORGMAATREËLS

Dra beskermende handskoene, beskermende klere, oogbeskerming/ en gesigbeskerming.
Was hande en gesig deeglik na hantering. Moet nie aan oë raak nie.
INDIEN IN OË: Spoel versigtig met water vir etlike minute. Verwyder kontaklense indien aanwesig en maklik om te verwyder. Hou aan met spoel.
Indien oogirritasie voortduur: Verkry mediese noodhulp.
Vermý vrystelling in die omgewing.
Raak ontslae van inhoud en houer in ooreenstemming met nasionale regulasies.

SPOEL DIE LEË HOUER DRIE MAAL SOOS VOLG: Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes totdat die vloeitot 'n gedrup verminder het. Spoel daarna die leë houer drie keer uit met vars water, teen 'n kwart van die houer se volume, en giet die spoelwater in die spuit- of mengtenk. Kap gate in die drie keer gespoelde houer, waarna dit aan 'n goedgekeurde versamelaar of verwerker oorhandig moet word (www.croplife.co.za). Moenie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie.

RELEVANTE STOWWE:

Monokaliumfosfiet (Cas nr: 13977-65-6) Oogirritasie Kategorie 2, H319 (51 % m/v).
Dikaliumfosfiet (Cas nr: 13492-26-7) Oogirritasie Kategorie 2, H319 (9 % m/v).

NOODHULPBEHANDELING

In geval van 'n ongeluk of as jy onwel voel, verkry onmiddellik mediese advies en wys hierdie ETIKET waar moontlik

INASEMING:

Neem die slagoffer weg van die onmiddellike bron van blootstelling. Verskuif die slagoffer na vars lug as dit veilig gedoen kan word en hou gemaklik. Indien die slagoffer ophou asemhaal, pas kunsmatige asemhaling toe. Dien suurstof toe as die slagoffer se asemhaling moeilik of onreëlmatig is. Verkry mediese hulp.

VEL:

Verwyder en isoleer besmette klere, skoene en leergoedere dadelik en stort.
Spoel aangetaste areas (vel) onmiddellik met nie-skurende seep of sagwerkende wasmiddel en groot hoeveelhede lopende water. Was besmette klere voor hergebruik.
Kry mediese hulp indien irritasie ontwikkel en voortduur.

OË:	Spoel oë versigtig met skoon lopende water vir ten minste 15 minute terwyl die ooglede van mekaar gehou word. Verwyder kontaklense na 5 minute indien aanwesig en maklik om te doen. Hou aan spoel terwyl ooglede van mekaar gehou word. Kry mediese hulp indien irritasie voortduur.
OPNEMING:	Indien ingesluk, MOENIE vomering induseer nie, tensy 'n gifsentrum of dokter opdrag gee om dit te doen. Spoel mond uit en laat die persoon slukkies water neem indien dit moontlik is om te sluk. Moet nooit iets per mond aan 'n bewustelose persoon gee nie. Indien die persoon wel vomeer, hou aan om vloeiwater te gee. Verkry dadelik mediese hulp.
NOTA AAN GENEESHEER:	Geen nadelige gevolge word verwag indien ingesem, ingeneem of deur dermale kontak nie. Daar is geen spesifieke teenmiddel nie. Alle behandeling moet gebaseer wees op waargenome tekens en simptome van nood by die pasiënt.
MOONTLIKE GESONDHEIDSGEVOLGE, AKUUT EN VERTRAAGD:	Effek van blootstelling (inaseming, inname of velkontak) kan vertraag wees.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur: PhiteBack 605 SL is 'n FRAC-groepkode (**P07**) swamdoder. Enige swampopulasie kan individue bevat wat natuurlik weerstandig is teen **PhiteBack 605 SL** en ander FRAC-groepkode (**P07**) swamdoders. Die weerstandige individue kan uiteindelik die hele swampopulasie oorheers indien hierdie swamdoders herhaaldelik gebruik word. Hierdie weerstandige swamme sal moontlik nie deur **PhiteBack 605 SL** of enige ander FRAC-groepkode (**P07**) swamdoders beheer word nie.

Om swamdoderweerstand te voorkom of te vertraag:

- vermy eksklusiewe herhaalde gebruik van swamdoders uit dieselfde swamdodergroepkodes. Wissel af of tenkmeng met geregistreerde produkte uit verskillende swamdodergroepkodes,
- vir tenkmengsels of afwisseling met produkte uit ander swamdodergroepkodes, verwys na die individuele produk-etiket,
- integreer ander vorme van beheermethodes (chemies, kultureel, biologies) in siektebeheerprogramme,
- vir spesifieke inligting oor weerstandsbestuur, kontak die registrasiehouer van hierdie produk of u plaaslike verskaffer,
- om die doeltreffendheid van **PhiteBack 605 SL** te handhaaf, is dit noodsaaklik om die ontwikkeling van weerstand by die patogene teen die (**P07**) swamdodergroep te voorkom,
- hou by die doserings wat op die etiket aanbeveel word, MOENIE die doserings verminder nie.

WERKINGSWYSE

Fosfonate is bekend daarvoor dat dit direkte toksisiteit teen plantpatogene uitoefen, waardeur patogeenpopulasies verminder word, terwyl dit ook die natuurlike verdedigingsmeganismes van plante bevorder.

GEBRUIKSBEPERKINGS

- Raadpleeg die betrokke etikette vir **GEBRUIKSBEPERKINGS**, **WAARSKUWINGS** (insluitend **WEERSTANDSWAARSKUWING**), **VOORSORGMATREËLS** en **GEBRUIKSAANWYSINGS**.
- **VIR ALLE GEWASSE EN SIKTES MOENIE MEER AS DIE AANBEVELE MAKSIMUM PHITEBACK 605 SL TOEDIENINGS PER SEISOEN OORSKRY NIE.**

GEBRUIKSAANWYSINGS – gebruik slegs soos aangedui

VERENIGBAARHEID:

Die verenigbaarheid van **PhiteBack 605 SL** met ander produkte hang af van die formulasie van die onderskeie produkte asook die kwaliteit van die spuitwater wat gebruik word. Dit is moontlik dat formulasies van tyd tot tyd kan verander. Dit word daarom aanbeveel dat 'n kleinskaalse fisiese verenigbaarheidstoets gedoen word voordat die tenkmengsel gemaak word. Raadpleeg altyd die etikette van produkte wat met **PhiteBack 605 SL** gemeng gaan word. Moenie meng met produkte wat swaar metale bevat nie, bv. koperbevattende produkte, of binne 21 dae voor of na 'n kopertoediening aanwend nie. Die gebruik van **PhiteBack 605 SL** in tenkmengsels met minerale olies, koperbevattende produkte, dimetoaat, produkte uit die diklorfol-groep, produkte met 'n hoë kaliuminhoud, of hoogs alkaliese produkte word nie aanbeveel nie. 'n Geskikte benattingsmiddel mag bygevoeg word indien nodig, behalwe waar die gebruik van 'n adjuvant spesifiek aangedui word. Die benattingsmiddel moet laaste by die tenkmengsel gevoeg word om oormatige skuimvorming te voorkom. Moet nie 'n benattingsmiddel byvoeg as **PhiteBack 605 SL** met 'n landbouchemikalie gemeng word wat reeds 'n benattingsmiddel bevat nie.

BOOM- EN/OF PLANTTOESTAND:

PhiteBack 605 SL moet slegs op aktief groeiende plante en bome toegedien word om te verseker dat daar voldoende sapvloei is om die produk deur die plant te vervoer. Vermy toediening wanneer bome/plante onder stres is as gevolg van droogte, hitte of versuiping, aangesien dit tot swak beheer en/of fitotoksiese effekte soos blaarvlekke, gomafskeiding, chlorose, nekrose, verdwering of misvorming kan lei.

BELANGRIKE NOTAS (ALGEMEEN):

Moenie toedien as die dagtemperatuur bo 30 °C is of onder toestande van hoë relatiewe humiditeit nie. **PhiteBack 605 SL** moet verkieslik vroegoggend of laatmiddag toegedien word. As meer as 10 mm reën binne een uur na toediening val, moet die produk hertoegedien word. Verseker dat blare droog is na reën of swaar dou voordat **PhiteBack 605 SL** toegedien word. Wees versigtig, want hoë-volume, hoë-druk toedienings op sitrus kan fitotoksiteit veroorsaak. **Om fitotoksiteit te vermy, moet fosfonate nie tydens kleurbreek op sagte sitrus toegedien word nie.**

MENGINSTRUKSIES:

- Vul die spuittenk half-vol met water en verseker deurlopende roering. **Skud die PhiteBack 605 SL houër goed voor gebruik.** Voeg die vereiste hoeveelheid **PhiteBack 605 SL** by en **plaas die prop onmiddellik terug na gebruik.**
- Moenie meng met produkte wat swaar metale bevat nie, bv. koperbevattende produkte.
- Indien ander produkte saam met **PhiteBack 605 SL** in 'n tenkmengsel toegedien word, moet die volgende mengvolgorde vir formulasies toegepas word: benatbare poeiers, water-dispergeerbare korrels, suspensiekonsentrate, emulgeerbare konsentrate en oplosbare konsentrate laaste. Meng die vereiste volume van elke produk in 10 liter water in aparte houers. Wanneer daar met 'n benatbare poeier gemeng word, meng die poeier eers met 'n klein hoeveelheid water tot 'n gladde room voordat dit by die mengtenk gevoeg word. As 'n

benattingsmiddel gebruik word, moet dit laaste by die tenkmengsel gevoeg word. Raadpleeg die etikette van produkte vir meer besonderhede.

- Voeg die afsonderlike mengsels by die water in die spuittenk en vul die tenk op met met skoon water terwyl die mengsel deurgans geroer word om deeglike vermenging van die spuitmengsel te verseker, voor en tydens toediening.
- **TENKMENGSELS MOET ONMIDDELLIK UITGESPUIT WORD EN MOET NIE OORNAG IN DIE SPUITTENK BLY STAAN NIE.**
- Spuittoerusting moet na gebruik deeglik uitgespoel word.

TOEDIENINGSTABEL		
GEWAS en SIEKTE	DOSIS	AANBEVELINGS
AARTAPPELS Beheer van: Laatroes <i>(Phytophthora infestans)</i>	2,6 ℓ / ha PLUS 2 kg Mancozeb 800 WP/ ha	▶ Begin PhiteBack 605 SL toediening 21 dae na opkoms of vroeër indien toestande laatroes infeksies begunstig. ▶ Herhaal elke 7 dae, tot 'n maksimum van vyf (5) toedienings per seisoen. ▶ Dien toe in voldoende watervolumes van 500 – 1000 ℓ water / ha afhangend van plantgrootte, as 'n direkte spuit oor die rye. Verseker volledige spuitdekking. ▶ PhiteBack 605 SL moet nie binne 21 dae na 'n kopertoediening toegedien word nie.
PYNAPPELS Beheer van: Wortelvrot <i>(Phytophthora cinnamoni)</i> Kroonvrot <i>(Phytophthora nicotianae var. parasitica)</i>	500 – 750 mℓ / 2000 ℓ water	Behandeling van Plantmateriaal deur Dompeling: ▶ Dompel die toppe volledig in PhiteBack 605 SL oplossing vir 10 minute, verseker dat oplossing deurlopend geroer word om dekking te verseker. ▶ Die byvoeging van 'n geskikte adjuvant* (benatter/ kleefbevorderingsmiddel) sal die benatting en bedekking van die plantmateriaal verbeter.
	10 ℓ / 1000 – 2000 ℓ water/ha	Na-plant Behandeling ▶ Dien 'n druiplaat blaarbespuiting van PhiteBack 605 SL toe gedurende herfs en herhaal in die lente - aktiewe groei vind plaas in hierdie periodes en die risiko vir <i>Phytophthora</i> infeksies is dan hoër. ▶ Herhaal toedienings elke 2 tot 3 maande, maar vermy behandelings gedurende groei rus periodes wat deur water-, koue- en hittedruk (stremming) veroorsaak word. ▶ Dien tot (5) aanwendings van PhiteBack 605 SL per seisoen toe. ▶ Moenie binne ses weke voor blominduksie toedien nie, aangesien korter intervale blom induksie kan benadeel. ▶ Om weerstandsontwikkeling te beperk, wissel PhiteBack 605 SL af met geregistreerde swamdoders met onverwante chemiese werkingswyses. ▶ <i>Phytophthora</i>-wortel- en kroonvrot in pynappels word bevorder deur die volgende toestande: • Oormatige reënval. • Swak grondreinerings. • Onvoldoende of afwesige grondberokking vir aalwurmbeheer. • Swak verbouingspraktyke.
SITRUS BOORDTOEDIENING Beheer van: Wortelvrot <i>(Phytophthora parasitica)</i> Stamvrot <i>(Phytophthora citrophthora)</i>	Verdun PhiteBack 605 SL in 'n 1:1 verhouding met water in 'n plastiekhouer	Belangrike notas: Om fitotoksiteit te vermy, moet fosfonate nie tydens kleurbreek op sagte sitrus toegedien word nie. Dit is egter veilig om fosfonate toe te dien op vrugte wat nog heeltemal groen is. Stamtoediening ▶ Wend PhiteBack 605 SL met 'n verfkwas rondom die stam aan, vanaf grondvlak tot 35 cm bo die grond. Optimale werking word op skoon stamme behaal. Die byvoeging van 'n geskikte adjuvant* (benatter/kleefbevorderingsmiddel) by die mengsel sal stam-benatting, opname en translokasie verbeter. ▶ Vir ent-onverenigbaarheid, dien slegs bo die entlas toe. ▶ Begin toedienings onmiddellik na die eerste seisoenale reën en herhaal dit elke twee maande gedurende die reënseisoen. Om translokasie via die stamme na sitruswortels te verbeter, vermy behandeling van bome tydens aktiewe loof groei. Stel eerder behandeling uit totdat die nuwe groei begin verhard.

Beheer van: Phytophthora bruinvrot (<i>Phytophthora nicotianae</i>)	500 mL / 100 ℓ	▶ Hoewel PhiteBack 605 SL oor die algemeen veilig vir gebruik op groen stamme is, behoort dit eers op spesifieke entkombinasies getoets te word voor kommersiële gebruik. Blaartoediening ▶ PhiteBack 605 SL moet as 'n ligte dek-aanwending op sitrus toegedien word. Vermoë gebruik op Satsuma-bome wat gestres word om interne kwaliteit te verbeter. Die byvoeging van 'n geskikte adjuvant* (benatter/kleefbevorderingsmiddel) sal benatting en opname verbeter. ▶ Om blaarskroei te voorkom dien toe wanneer bome se turgor hoog is, verkieslik vroeg in die oggend of laat in die middag. Toedienings moet minstens een uur voor lugtemperatuur 30 °C bereik, gestaak word. ▶ Begin toedienings onmiddellik na die eerste seisoenale reën en herhaal dan elke twee maande gedurende die reënseisoen. Om translokasie via die stamme na sitruswortels te verbeter, vermoë behandeling van bome tydens aktiewe loof groei. Stel eerder behandeling uit totdat die nuwe groei begin verhard. ▶ Vermoë toediening op sitrus na stadium 4 op die 0 tot 10- besmetting skaal. Raadpleeg "Outspan's Production Guidelines" Deel III vir verdere besonderhede.
	500 mL / 100 ℓ	Blaartoediening ▶ PhiteBack 605 SL moet as 'n ligte dek-aanwending op sitrus toegedien word, 2 tot 3 weke voor oes. ▶ Dien toe in 1500 – 2000 ℓ water per hektaar. ▶ In somerreënvalstreke, rig toedienings op die onderste 1,5 m van die blare-dak. ▶ Vir winterreënvalstreke, benat die hele boom. Moenie op gestresde bome toedien nie, soos veroorsaak deur oortollige water, hitte of droogte. Moenie op nat bome, bome met 'n swaar drag vrugte, of dié onder beplande stres toedien nie. Moet ook nie op bome met sigbare koperresidu toedien nie.
TAFEL- en WYNDRIUWE Beheer van: Donsige meeldou (<i>Plasmopara viticola</i>)	300 mL / 100 ℓ PLUS 120 g Mancozeb 800 WP / 100 ℓ OF 300 mL / 100 ℓ PLUS 30 g D-Fence 700 WG / 100 ℓ WATER VOLUME BENODIG VIR HOË VOLUME TOEDIENINGS: Voor-bloemstadium: <u>Wyndriuwe:</u> 300 – 750 ℓ mengsel / ha <u>Tafeldriuwe:</u> 500 – 1000 ℓ mengsel / ha Blom- tot ertjekorrelstadium: Wyndriuwe: 750 – 1000 ℓ mengsel / ha Tafeldriuwe: 1000 – 1500 ℓ mengsel / ha Ertjekorrel- tot oesstadium: Wyndriuwe: 1000 – 1500 ℓ mengsel / ha Tafeldriuwe: 1000 – 1500 ℓ mengsel / ha	Winterreënvalstreke: Begin toediening wanneer lote 10 – 15 cm lank is en herhaal elke 10 – 14 dae indien nodig. Somerreënvalstreke: Begin toediening middel-somer, of wanneer eerste simptome opgemerk word. ▶ Begin PhiteBack 605 SL toediening voor die aanvang van siekte, of wanneer weerstoestande gunstig is vir siekte-ontwikkeling. ▶ Herhaal toedienings elke 10 – 14 dae afhangend of toestande infeksie begunstig; gebruik korter intervalle onder hoë siektedruk. ▶ Sodra korrels ertjegrootte-stadium bereik, kan die gebruik van mancozeb tot sigbare spuitneerslag lei. PhiteBack 605 SL kan dan op sy eie toegedien word met onthoudingsperiode wat behoue bly. Toedieningsintervalle sal egter dan elk 10-dae moet wees. ▶ Om blaarbrand te voorkom moet toedienings aangewend word wanneer plante op piek-turgiditeit is. Om hierdie rede word toedienings verkieslik vroeg in die oggend of laat in die middag gedoen. Om blootstelling aan hoë temperatuur te vermoë, moet toedienings minstens een uur voor lugtemperatuur 30 °C bereik, gestaak word. ▶ Dien as 'n voldek-aanwending toe en verseker deeglike dekking van die hele plant. ▶ Die verenigbaarheid van PhiteBack 605 SL met ander plaagdoders is nie geëvalueer nie. Indien kombinasie met 'n ander produk noodsaaklik is, word dit aanbeveel om 'n kleinskaalse toets uit te voer voordat voortgegaan word. ▶ Dien tot vyf (5) PhiteBack 605 SL aanwendings per seisoen toe.

UIE Beheer van: Donsige meeldou <i>(Peronospora destructor)</i>	4,5 ℓ / ha	▶ Begin met PhiteBack 605 SL toedienings voor die aanvang van siekte, of wanneer weerstoestande gunstig is vir siekte-ontwikkeling. ▶ Herhaal elke 14 dae, tot 'n maksimum van vier (4) toedienings per seisoen. ▶ Dien toe in 300–500 ℓ water/ha, afhangend van plantgrootte. Verseker volledige dekking. ▶ Voeg 'n geskikte adjuvant (*benatter) by die spuitmengsel. ▶ Moenie binne 21 dae na 'n kopertoediening toedien nie.
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Raadpleeg die etikette vir **GEBRUIKSBEPERKINGS**, **WAARSKUWINGS** (insluitend **WEERSTANDSWAARSKUWINGS**), **VOORSORGMAATREËLS** en **GEBRUIKSAANWYSINGS**.

* Gebruik 'n geregistreerde benatter en kleefbevorderingsmiddel met alkohol alkohol-etoksilate as aktiewe bestanddeel.

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