KICKBACK 700 WP

Reg.No. L7105 Act No. 36 of 1947

Reg.Nr. L7105 Wet Nr. 36 van 1947

READ ATTACHED LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

LEES DIE INGESLOTE ETIKET VOOR GEBRUIK
HOU BUITE BEREIK VAN KINDERS EN DIERE

FUNGICIDE GROUP M3/M4

SWAMDODERGROEP M3/M4

A wettable powder contact and systemic fungicide mixture for the control of diseases on crops as listed.

'n Benatbare poeier kontak- en sistemiese swamdodermengsel vir die beheer van siektes op gewasse soos aangedui.

Hazard Statements:
May cause allergic skin reaction. Suspected of causing cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Precautionary statements:
Do no breath dust, fumes, mist, vapours or spray Wash hands, face, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear PPE.

DANGER

ACTIVE INGREDIENTS		AKTIEWE BESTANDDELE
Metalaxyl (phenylamide)	.....100 g/kg.....	Metalaksil (fenielamied)
Mancozeb (dithiocarbamate)	.....600 g/kg.....	Mankoseb (ditiokarbamaat)

Net Mass **5 KG** **Netto Massa**

Registered by/Geregistreer deur:
BITRAD CONSULTING (PTY) LTD
41 Rudolph Str, Sunderland Ridge, Centrurion. Tel: 012 666 7331

BATCH NUMBER		LOTNOMMER
DATE MANUFACTURED		DATUM VERVAARDIG

Expiry date

Vervaldatum

< 2 years/jaar

UN No.	**3077**	**VN nr.**
Emergency number	**082 446 8946**	**Noodnommer**

WARNINGS:

- **Hazard Statements**

May cause allergic skin reaction
Suspected of causing cancer
May damage the unborn child
May cause damage to organs through prolonged and repeated exposure
Very toxic to aquatic life
Very toxic to aquatic life with long term effects

- PRE HARVEST INTERVALS: Allow the following number of days between last application and harvest.

Boysenberries/Youngberries	- 14 days
Table grapes	- 56 days
Wine grapes	- 21 days
Potatoes	- 14 days
Tomatoes	- 7 days

- AERIAL APPLICATION - Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the 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, 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 label.

PRECAUTIONS:

- **Prevention**

Obtain, read and follow all safety instructions before use
Do not breathe dust/fumes/mist or spray
Wash hands, face and exposed skin thoroughly after handling
Contaminated clothing should not be allowed out of the workplace
Do not eat, drink or smoke when using product
Avoid release to the environment
Wear protective gloves, - clothing, eye - and face protection

- **Response**

If exposed or concerned, or feeling unwell, get medical help
For specific treatment, see **First Aid** on label
Collect spillage
If in eyes, rinse with water for 15 minutes
If on skin, wash with plenty of water
Remove contaminated clothes and wash it before re-use

- **Storage**

Store locked up
Do not allow product to get damp and then warm up in storage. Flammable vapours will be generated

- **Disposal**

Dispose of content or container to an approved waste disposal facility

RELEVANT SUBSTANCES

Hazardous Component	Weight - %	GHS Classification
Mancozeb	60	Skin Sensitization: Category 1. Reproductive Toxicity: Category 1B. STOT Rep.: Category 2. Carcinogenicity Category 2. Acute & Chronic Aquatic Toxicity: Category 1.
Metalaxyl	10	Acute Toxicity Oral: Category 4. Skin Sensitization: Category 1. Aquatic Toxicity Chronic: Category 3.

FIRST AID:
No specific antidote. Treat symptomatically.
Remove person from affected area and remove contaminated clothes and seek medical advice. If in eyes, rinse gently for 15 minutes. Wash skin with plenty of water. If breathing is difficult administer oxygen. If breathing stopped, do artificial respiration. Do not use mouth to mouth resuscitation. If ingested, treat symptomatically and supportively.

RESISTANCE WARNING:
Downy mildews (*Plasmopara, Peronospora)* and late blight (*Phytophthora*) in some cases are known to contain races which are resistant to fungicides belonging to the phenylamide group. In case of apparent underperformance or unsatisfactory control by a **KICKBACK 700 WP** programme, it is essential that the possibility of fungal resistance be considered. In positive cases, **KICKBACK 700 WP** should immediately be substituted by a chemically unrelated systemic curative fungicide. Consult your supplier. To reduce selection of resistant pathogen races, DO NOT APPLY **KICKBACK 700 WP** MORE THAN 4 TIMES PER SEASON.
NOTE: Sub-standard application will lead to unsatisfactory control and assist in the development of resistance.

MODE OF ACTION
KICKBACK 700 WP is a combination fungicide consisting of a contact, non-systemic, preventive component - *mancozeb,* a dithiocarbamate (FRAC group code M3) and a systemic, curative component - *metalaxyl,* from the *phenylamides* fungicide group (FRAC group code 4).

DIRECTIONS FOR USE: Use only as directed.

MIXING INSTRUCTIONS:
Application apparatus must be in good working order and correctly calibrated.
First mix the required amount **KICKBACK 700 WP** in a separate container with a small volume water to a smooth slurry before adding to the spraying tank whilst agitating. Ensure good coverage of plants when applying.

COMPATIBILITY:
KICKBACK 700 WP is compatible with most products normally used on crops except products with a strong alkaline reaction.

APPLICATION TABLE:

CROP/DISEASE	DOSAGE PER 100 *l* WATER (High volume)	REMARKS
BOYSENBERRIES & YOUNGBERRIES Downy mildew (*Peronospora rubi*)	270 g	Start with applying approximately 14 days after green tip stage and repeat at 10-14 day intervals depending on weather conditions. DO NOT apply more than 4 times per season.
GRAPES Downy Mildew (*Plasmopara viticola*)	270 g (0,68-4,1 kg/ha)	Apply immediately after an infection period or disease warning. Repeat 10-14 days later. DO NOT apply more than 4 times per season. DO NOT apply after berries reached pea-size on table grapes.
PINEAPPLES Root - and Base rot (*Phytophthora* spp.)	5 kg/ha	Apply as an overall soil drench in 2000 - 3000 *l* water per ha immediately after planting. Apply again as a full cover foliar spray 3-6 months later. Thereafter repeat at 3 month intervals as needed.
POTATOES Late blight (*Phytophthora infestans)*	2 kg/ha 2,2 kg/ha	Apply in 500 *l* water per ha. Commence with application when weather conditions are conducive to late blight development and repeat at 10 - 14 day intervals. DO NOT apply more than 4 times per season. Apply aerially in not less than 30 *l* water per ha.
TOMATOES Late blight (*Phytophthora infestans)*	270 - 360 g (1,35 - 7,2 kg/ha)	Apply every 10 - 14 days in 500 - 2 000 *l* water per ha as a full cover spray depending on plant size. Apply when weather conditions are conducive to late blight development during active growth. DO NOT APPLY more than 4 times per season. Integrate the use of **KICKBACK 700 WP** with a standard registered protective control programme.

WAARSKUWINGS:

- **Gevaarklousules**

Mag vel allergie veroorsaak
Vemoed dat produk kanker kan veroorsaak
Mag nadelig wees vir ongebore babas
Mag skadelik wees vir organe met langdurige en herhaaldelike blootstelling
Uiters giftig vir waterlewe
Uiters giftig vir waterlewe met langdurige gevolge

- **WAGPERIODES VOOR OES:** Laat die volgende aantal dae toe tussen die laaste toediening en oes.
  Boysen- en Youngbessies - 14 dae
  Tafeldruiwe - 56 dae
  Wyndruiwe - 21 dae
  Aartappels - 14 dae
  Tamaties - 7 dae
- **LUGTOEDIENING** - Stel alle inwoners in die onmiddellike gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit.
  .

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 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 akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, en omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel 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.

VOORSORGMAATREELS:

- **Voorkoming**

Verkry, lees en volg alle veiligheid instruksies voor gebruik
Moet nie die poeier of spuitdampe inasem nie
Was hande, gesig en blootgestelde vel deeglik na hantering
Besoedelde klere behoort nie die werksplek te verlaat nie
Moet nie eet, drink of rook wanneer produk gebruik word nie
Voorkom vrystelling in die omgewing
Dra beskermende handskoene, -klere, oog - en gesigsbeskerming

- **Reaksie**

Indien blootgestel aan produk en bekommerd, kry mediese hulp
Vir spesifieke behandeling, sien **EERSTEHULP** in etiket
Versamel gemorsde produk
Indien in oë, spoel versigtig vir omtrent 15 minute
Met velkontak, was met baie water
Verwyder besoedelde klere en was dit voor hergebruik

- **Storing**

Stoor agter slot en grendel
Vermy dat produk klam word en dan verwarm in stoor. Vlambare dampe word gegenereer

- **Wegdoening**

Doen weg met inhoud en/of houers deur te lewer aan goedgekeurde afval hanteringsfasiliteite

BETROKKE BESTANDDELE

Gevaarlike	Massa -	GHS Klassifikasie

Bestandeel	%	
Mankoseb	60	Vel Sensitering: Kategorie 1. Reproduktiewe Giftigheid: Kategorie 1B. STOT Rep.: Kategorie 2. Kankerveroorsakend: Kategorie 2 Waterlewe Akkute & Kroniese Giftigheid: Category 1.
Metalaksil	10	Akkute Giftigheid Oraal: Category 4. Vel Sensitering: Category 1. Waterlewe Giftigheid Kronies: Category 3.

EERSTEHULP:
Geen spesifieke teenmiddel nie. Behandel simptomaties. Verwyder persoon uit blootstelling, verwyder klere en verkry mediese hulp. Indien in oë, spoel versigtig vir 15 minute. Was vel deeglik met baie water. Indien asemhaling moeilik is, dien suurstof toe. Indien asemhaling staak, pas kunsmatige asemhaling toe. Moet nie mond tot mond asemhaling toepas nie. Indien ingeneem, behandel simptomaties.

WEERSTANDWAARSKUWING:
KICKBACK 700 WP is 'n kombinasieswamdoder bestaande uit 'n nie-sistemiese voorkomende komponent *mankoseb,* 'n ditiokarbamaat, en 'n sistemiese kuratiewe komponent *metalaksil***,** wat aan die *fenielamied* chemiese groep behoort. (benalaksil en oksadiksil is ook lede van hierdie groep met kruisweerstand teen metalaksil)
Donsige skimmels (*Plasmopara, Peronospora)* en laatroes *(Phytophthora*) is in sekere gebiede bekend om rasse te bevat wat weerstandbiedend is teen swamdoders wat aan die fenielamiedgroep behoort. In die geval van oënskynlike onderprestasie of onbevredigende beheer met 'n **KICKBACK 700 WP** program, is dit nodig dat die aanwesigheid van weerstand oorweeg word. In positiewe gevalle behoort **KICKBACK 700 WP** onmiddellik vervang te word met 'n chemies onverwante, sistemiese, kuratiewe swamdoder. Raadpleeg u verskaffer. Om die seleksie van weerstandbiedende patogeenrasse te verminder, moet **KICKBACK 700 WP** nie meer as 4 keer per seisoen toegedien word nie.
NOTA: Ondoeltreffende toediening sal aanleiding gee tot onbevredigende beheer en die ontwikkeling van weerstand aanhelp.

WERKINGSMETODE:
KICKBACK 700 WP is 'n kombinasie swamdoder wat bestaan uit kontak nie-sistemiese voorkomende produk – *mancozeb*, (ditiokarbamaat FRAC groepkode M3) en 'n sistemiese, genesende produk – metalaksil (f*enieamied* FRAC groekode 4)

GEBRUIKSAANWYSINGS: **Gebruik slegs soos aangedui.**
MENGINSTRUKSIES:
Toedieningsapparaat moet in goeie werkende toestand en korrek gekalibreer wees. Verseker goeie bedekking van plante met bespuiting. Meng eers die verlangde hoeveelheid **KICKBACK 700 WP** in 'n afsonderlike houer met 'n klein bietjie water tot 'n fyn room, voordat dit in die spuittenk gevoeg word terwyl geroer word.
MENGBAARHEID:
KICKBACK 700 WP is mengbaar met meeste produkte wat op gewasse gebruik word behalwe met produkte met 'n sterk alkaliese reaksie.

TOEDIENINGSTABEL:

	DOSIS PER 100	

GEWAS/SIEKTE	*l* WATER (Hoë volume)	OPMERKINGS
BOYSEN- EN YOUNGBESSIES Donsige skimmel (*Peronospora rubi*)	270 g	Begin met toediening ongeveer 14 dae na groenpuntstadium en herhaal met tussenposes van 10 - 14 dae afhangende van weerstoestande. MOET NIE meer as 4 keer per seisoen gebruik nie.
DRUIWE Donsige skimmel (*Plasmopara viticola*)	270 g (0,68 – 4,1 kg/ha)	Dien onmiddellik toe na ‘n besmettingsperiode of ‘n siektewaarskuwing. Herhaal 10-14 dae later. MOET NIE meer as 4 keer per seisoen toedien nie. MOET NIE na ertjiekorrelgrootte op tafeldruiwe toedien nie.
PYNAPPELS Wortel- en Basisverrotting (*Phytophthora* spp.)	5 kg/ha	Dien toe as ‘n algehele grondinwas-behandeling in 2 000-3 000 *l* water per ha, direk na plant. Wend weer aan as ‘n voldekbespuiting op blare, 3 - 6 maande later. Herhaal daarna as ‘n blaarbespuiting met tussenposes van 3 maande soos benodig.
AARTAPPELS Laatroes (*Phytophthora infestans*)	2 kg/ha 2,2 kg/ha	Dien toe in 500 *l* water per ha. Begin met aanwending wanneer weerstoestande gunstig is vir laatroesontwikkeling en herhaal met tussenposes van 10 - 14 dae. MOET NIE meer as 4 keer per siesoen toedien nie. Dien uit die lug toe in nie minder as 30 *l* water per ha nie.
TAMATIES Laatroes (*Phytophthora infestans*)	270 - 360 g (1,35 - 7,2 kg/ha)	Wend elke 10 - 14 dae aan in 500 - 2 000 *l* water per ha afhangend van plantgrootte as ‘n voldekbespuiting. Wend aan wanneer weerstoestande gunstig is vir laatroesontwikkeling gedurende aktiewe groei. MOET NIE meer as 4 keer per seisoen toedien nie. Integreer die gebruik van **KICKBACK 700 WP** met ‘n standaard geregistreerde voorkomende beheerprogram.