

TebuCure

250 EW

Wet/Act 36 van/of 1947

SA Reg No: L7992/NAM Reg No: N-AR 0927/BWA Reg No: W130378

'n Sisteemiese swamdoder emulsie, olie in water vir die beheer van siektes op gewasse soos aangedui.

A systemic fungicide emulsion, oil in water for the control of the diseases mentioned on the crops listed.

FRAC SWAMDODER GROEPKODE

3

FRAC FUNGICIDE GROUP CODE

AKTIEWE BESTANDDEEL

Tebukonasool (triasool).....

250 g/l

ACTIVE INGREDIENT

.....Tebuconazole (triazole)



Batch Number:

SEE

Date of

Manufacture:

CONTAINER

Registrasiehouer / Registration Holder:

ICA International Chemicals (Pty) Ltd

Reg. No. 2001/013319/07

28 Planken Street • Plankenbrug Industrial

Stellenbosch • 7600 • South Africa

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Net volume:

SEE

CONTAINER



UN No. 3082

Group III



CAUTION
VERSIGTIG



TEBUCURE 250 EW

Act No. 36 of 1947

S.A. Reg. No: L7992 / Nam Reg. No: N-AR 0927

Botswana Agrochemical Registration Certificate No: W130378

A systemic fungicide emulsion, oil in water for the control of the diseases mentioned on the crops listed.

ACTIVE INGREDIENT:

Tebuconazole (triazole) 250 g/ℓ

Manufactured and registered by: ICA International Chemicals (Pty) Ltd, Reg. no. 2001/013319/07, 28 Planken Street, Plankenbrug Industrial, Stellenbosch, 7600

CAUTION

WARNINGS:

Withholding periods: (Minimum number of days between last application and harvest or grazing and / or feeding):

Barley and wheat: harvest, grazing, feeding	77 days
Beans, potatoes and soy beans: harvest	14 days
Citrus: harvest	175 days
Groundnut and bean hay: feeding	42 days
Table Grapes:	42 days
Wine Grapes:	42 days
Oats: harvest, grazing, feeding	56 days
Peas & tomatoes: harvest	7 days
Pomegranates:	84 days

Compliance with these withholding periods will ensure that residues do not exceed local maximum residue limits (MRL), but the import tolerances of other countries might possibly be exceeded. 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 withholding periods.

- Harmful if swallowed, inhaled or absorbed through the skin.
- May cause serious damage to eyes.
- Toxic to fish.
- Store in a cool, dry place away from food, feed and drinking water.
- Keep out of reach of children, animals and uninformed persons.
- **Cereals:** When tank mixtures with grass herbicides are applied, slight leaf mottling/scorch may occur but new growth will not be affected.
- **Re-entry interval:** Do not enter treated field until spray deposit has dried unless wearing protective clothing.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow spray drift to water or areas not under treatment and contaminate these areas.

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, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Do not eat, drink or smoke whilst handling this product.
- Wear rubber gloves and face shield when handling the concentrate.
- If in contact with eyes, flush immediately with water and get medical attention.
- Wash with soap and water after use or skin contact.
- Remove contaminated clothing and wash.
- Avoid 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 30% of container. Add the rinsings to the contents of the spray tank before destroying the container by perforation and burying. Do not use container for other purposes.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE WARNING:

For resistance management, **TEBUCURE 250 EW** is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **TEBUCURE 250 EW** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **TEBUCURE 250 EW** or any other group code 3 fungicide.

To delay fungicide resistance:

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

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

DIRECTIONS FOR USE: Use only as indicated.

Compatibility:

TEBUCURE 250 EW's compatibility with other agricultural chemicals can be influenced by factors such as dilution water quality and product formulations. It is therefore recommended to always first perform a physical compatibility test (jar test) prior to application. **TEBUCURE 250 EW** is generally compatible with other non-alkaline agricultural chemicals.

Mixing instructions:

Pour the correct quantity of **TEBUCURE 250 EW** to half the required water in the spray tank while agitating. Fill the spray tank with water while agitating. The spray-mixture must be agitated continuously during the application process.

Aerial application:

Ensure that the spray mixture is evenly applied over the treated area and that the loss of spray mixture is restricted. The following requirements are essential to meet these criteria:

- Application must be conducted by a registered Aerial Application Operator. The aircraft must be correctly calibrated according to the instructions of SANS 10118 (Aerial Application of Agricultural Pesticides).
- Spray volume should be 30 - 40 ℓ per ha.
- 40-50 droplets / cm² should be recovered at the target area.
- The VMD of the droplet spectrum need to be 280 - 300 micron. Fine droplets less than 150 micron (high drift and evaporation potential) should be limited to a minimum.
- Flying height of the spray boom above the target should be 3 m at wind velocity of 8 km/h and 2 m with wind velocity 8-15 km/h.
- Atomizing equipment must produce the desired droplet size and coverage and droplet spectrum with the lowest possible Relative Span. Atomizers also need to be positioned to prevent droplets from entering the wingtip vortices. These aspects will ensure the minimum loss of product.
- Temperature difference should not exceed 8 °C between the wet and dry bulb thermometers, of a whirling hygrometer. If so stop spraying.
- When wind speed exceeds 15 km/h, stop spraying.
- During the heat (dry) of the day conditions can become turbulent and unstable. If so stop spraying.
- 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 inadequate coverage caused by suspension and evaporation of small droplets in the air.
 - drifting of the spray mixture to non-target areas which may cause damage to other sensitive crops and contamination of such areas.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Assurance need to be obtained from the Aerial Spray Operator that the requirements above will be met and that relevant data will be compiled and kept in a logbook for future reference.

APPLICATION TABLE		
CROP / DISEASE	DOSAGE	REMARKS
BARLEY Leafspot (<i>Rhynchosporium secalis</i>)	Ground application: 500 mℓ/ha	Apply in 300 ℓ water / ha when first symptoms are noticed or in the period between the seven-leaf and flag leaf stages. A single application should be sufficient for control.
	Aerial application: 500 mℓ/ha	Apply as above in at least 30 ℓ water/ha.
Leaf rust (<i>Puccinia hordei</i>)	Ground application: 750 mℓ/ha	Apply in 300 ℓ water / ha as soon as first symptoms appear. Repeat application approximately four weeks later should symptoms re-appear.
	Aerial application: 750 mℓ/ha	Apply as above in at least 30 ℓ water/ha.
Powdery mildew (<i>Erysiphe graminis</i>)	OR	Apply at very first signs of disease presence and repeat 3 - 4 weeks later, if necessary.
	500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Ground application: Apply in 300 ℓ water/ha. Aerial application: Apply in 30 ℓ water/ha.
Halo spot (<i>Selenophoma donacis</i>)	Ground application: 750 mℓ/ha	Apply in 300 ℓ water / ha as soon as first symptoms appear. Repeat application approximately four weeks later should symptoms re-appear.
	Aerial application: 750 mℓ/ha	Apply as above in at least 30 ℓ water/ha.
Eye spot (<i>Pseudocercospora herpotrichoides</i>)	Ground application: 750 mℓ/ha	HALO SPOT Apply in 300 ℓ water/ha when first symptoms are noticed, especially from the flag leaf stage to ear emergence stage. Under conditions of high infection pressure a second application 3-4 weeks later is recommended.
	Aerial application: 900 mℓ/ha	EYE SPOT Apply in 300 ℓ water / ha in the period between the seven leaf and flag leaf stages. A single application should be sufficient for control. Apply as above in at least 30 ℓ water/ha.
Net blotch (<i>Pyrenophora teres</i>) (<i>Helminthosporium</i> spp.)	Ground application: 750 mℓ/ha	Apply in 300 ℓ water / ha when first symptoms are noticed, especially from the flag leaf stage to ear emergence stage. Under conditions of high infection pressure a second application 3-4 weeks later is recommended.
	Aerial application: 900 mℓ/ha	Apply as above in at least 30 ℓ water/ha.
BEANS (Dry & Green Beans)	OR	Apply preventively, or as soon as infection is noticed especially from the flag leaf stage to ear emergence stage. Under conditions of high infection pressure a second application 3-4 weeks later is recommended.
	500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Ground application: Apply in 300 ℓ water/ha. Aerial application: Apply in 30 ℓ water/ha. Will also suppress Ramularia (<i>Ramularia collo-cygni</i>).
Rust (<i>Uromyces appendiculatus</i>)	Ground application: 500 mℓ/ha	Apply as a full cover spray in not less than 500 ℓ water/ha as a preventive treatment or as soon as the first symptoms of infection are noticed. Repeat application every 10-12 days especially if weather conditions favour disease development.
	Aerial application: 600 mℓ/ha	Apply in at least 30 ℓ water/ha.

CITRUS Navels, Clementines and Minneola tangelos Navel-end rot (Black core rot) <i>(Alternaria alternata f.sp.citri)</i>	80 mL / 100 ℓ water	Apply two applications starting at 50 % petal fall and follow up at 100 % petal fall. Apply as a medium cover spray (± 20 ℓ spray mixture per tree depending on tree size). Note that due to uneven flowering over an extended period of time and unpredictable weather conditions the disease control standard for export quality may not be met.
Navels Navel-end rot (Black core rot) <i>(Alternaria alternata f.sp. citri)</i> and reducing the size of the navel-end opening	80 mL / 100 ℓ water + 1.3 mL AVI-AMINE 720 (L1087)	Apply mixture at full bloom in a single application. Apply as a medium cover spray (± 20 ℓ spray mixture per tree depending on tree size). Note that due to uneven flowering over an extended period of time and unpredictable weather conditions the disease control standard for export quality may not be met.
GRAPES: TABLE GRAPES and WINE GRAPES Powdery mildew <i>(Oidium tuckerii)</i>	30 mL / 100 ℓ water	Include in a preventative spray programme, applied every 10-14 days, commencing when shoots are 5-10 cm long. Apply as a full cover spray, ensure thorough coverage. Alternate sprays in a programme with registered non-DMI fungicide. Table Grapes: Do not apply more than 6 sprays per season, 500 – 1500 ℓ/ha, depending on leaf area present. Wine Grapes: Do not apply more than 4 sprays per season, 300 – 1500 ℓ/ha, depending on leaf area present.
GROUNDNUTS Leafspots <i>(Cercospora arachidicola & Cercospora personata)</i> Leaf (Web) blotch <i>(Phoma arachidicola)</i> Rust <i>(Puccinia arachidis)</i>	Ground application: <u>Dry land:</u> 400 mL per 10 000 m row length <u>Irrigation:</u> 600 mL per 10 000 m row length Aerial application: <u>Dry land:</u> 500 mL/ha <u>Irrigation:</u> 750 mL/ha	Apply in 500 ℓ water per 10 000 m row length or ha as a preventive treatment or when first signs of infection are noticed. Repeat application every 10-14 days. Apply 4-5 sprays per season. A suitable wetter/sticker must be added to the spray mixture to ensure thorough wetting of the groundnut foliage. Apply as above in 40 ℓ water/ha.
MANGOES Powdery mildew <i>(Oidium mangiferae)</i>	20 mL / 100 ℓ water	Start application at the first signs of infection which is usually when 50 % of the flowers are open and repeat 2 to 3 times at intervals of 10 - 14 days up to 100 % petal drop, depending on weather conditions and uniformity of the flowering period. Apply as a cover spray and ensure thorough coverage of the flower panicles.
OATS Crown rust <i>(Puccinia coronata)</i>	Ground application: 500 mL/ha Aerial application: 500 mL/ha	Apply in at least 300 ℓ water/ha at the first signs of infection. Apply as above in at least 30 ℓ water/ha.
ONIONS Purple blotch <i>(Alternaria porri)</i>	150 mL/100 ℓ water	Apply at 500 ℓ spray mixture/ha as soon as the first signs of the disease are noticed. Repeat every 7-14 day depending on the severity of infection. To ensure thorough coverage of the leaves and to avoid excessive run-off a suitable wetter/sticker should be added. Do not apply more than 6 times per season. Do not use on spring onions.
PEAS Powdery mildew <i>(Erysiphe pisi)</i>	Ground application: 50 mL / 100 ℓ water Aerial application: 300 mL/ha	Apply in 500 ℓ spray mixture/ha at the first signs of the disease and repeat at 10-14 day intervals depending on infection. To ensure thorough coverage of foliage and to avoid excessive run-off add suitable sticker/wetter. Do not apply more than 3 times per season. Apply as above in 40 ℓ water/ha.
POMEGRANATES Alternaria fruit rot <i>(Alternaria spp.)</i>	80 mL / 100 ℓ water	Apply as a preventative treatment during flowering stage. Three applications in 14-day intervals can be made on a season's fruit. Final application when first fruits reach 20 mm diameter.
POTATOES Early blight <i>(Alternaria solani)</i>	Ground application: 75 mL / 100 ℓ water Aerial application: 500-750 mL/ha	Apply as a preventative treatment when weather conditions are favourable for disease development (warm, humid conditions). Apply at least 500 ℓ spray mixture per ha. Do not apply less than 375 mL TebuCure 250 EW /ha. TebuCure 250 EW should be applied in a tank mixture with a registered late blight fungicide when conditions are favourable for the development of late blight. TebuCure 250 EW should not be applied more than 5 times per season. Apply every 7-10 days or alternate every 7-10 days in a programme with a treatment (non-DMI fungicide) registered against early and/or late blight depending on conditions. Apply as above in 40 ℓ water/ha. Use the higher dosage after the flowering stage onwards when the foliage is dense or when favourable conditions occur for the rapid development of early blight (hot, humid weather conditions).

SOY BEANS Rust <i>(Phakopsora pachyrhizi)</i>	Ground application: 750 mℓ/ha Aerial application: 1000 mℓ/ha	Apply in 300 - 500 ℓ water/ha, depending on plant size and foliage density, at first signs of disease and repeat 14 – 21 days later. At favourable disease conditions (15-28°C and high humidity) use the shorter interval. If the disease appears during flowering or early pod-fill more than one spray may be necessary. Should disease appear late in the growing season, a single application will be sufficient. Ensure thorough coverage of the whole plant. Apply as above in 40 ℓ water/ha.
TOMATOES Early blight <i>(Alternaria solani)</i>	75 mℓ / 100 ℓ water	Apply 5-12 ℓ spray mixture/100 m row length depending on plant height and foliage density. Ensure thorough coverage of the foliage. Commence application at the very first signs of infection. TebuCure 250 EW should be applied in a tank mixture with a registered late blight fungicide when conditions are favourable for the development of late blight. TebuCure 250 EW should not be applied more than 5 times per season. Apply every 7-10 days or alternate every 7-10 days in a programme with a non-DMI fungicide registered against early and/or late blight, depending on conditions.
WHEAT 1) Apply TebuCure 250 EW at the first signs of infection before the infection level has reached 5 %. 2) For wheat, after the initial application, a second application 21 days later is recommended in plantings with a high yield potential. This is essential when the initial application was made early (first node stage) or when other diseases develop later in the season.		
Eye spot <i>(Pseudocercospora herpotrichoides)</i>	Ground application: 750 mℓ/ha Aerial application: 750 mℓ/ha	Apply in 300 ℓ water/ha at first to second node stage. Apply as above in at least 30 ℓ water/ha.
Powdery mildew <i>(Erysiphe graminis)</i>	Ground application: 750 mℓ/ha Aerial application: 750 mℓ/ha	Apply in 300 ℓ water/ha as soon as symptoms are noticed, but not later than the flag leaf stage. Repeat application should symptoms re-appear. Apply as above in at least 30 ℓ water/ha.
	OR 500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Apply at first signs of symptoms, but not later than flag leaf stage. Repeat application 3-4 weeks later should symptoms re-appear. Ground application: Apply in 300 ℓ water/ha. Aerial application: Apply in 30 ℓ water/ha.
Speckled leaf blotch <i>(Septoria tritici)</i> Yellow (stripe) rust <i>(Puccinia striiformis)</i>	Ground application: 625 mℓ/ha Aerial application: 750 mℓ/ha	SPECKLED LEAF BLOTCH Apply in 300 ℓ water/ha not later than the appearance of flag leaf. YELLOW (STRIPE) RUST Apply in 300 ℓ water/ha when first symptoms are noticed. Repeat application if symptoms re-appear. Apply as above in at least 30 ℓ water/ha.
Leaf rust <i>(Puccinia recondita)</i>	Ground application: 750 mℓ/ha Aerial application: 900 mℓ/ha	Apply in 300 ℓ water / ha as soon as symptoms are noticed, but not later than the flag leaf stage. Repeat application should symptoms re-appear. Apply as above in at least 30 ℓ water/ha.
	OR 500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Apply at first signs of Leaf Rust symptoms, but not later than flag leaf stage. Repeat application 3-4 weeks later should symptoms re-appear. Ground application: Apply in 300 ℓ water/ha. Aerial application: Apply in 30 ℓ water/ha.
Glume blotch <i>(Septoria nodorum)</i>	Ground application: 750 mℓ/ha Aerial application: 900 mℓ/ha	Apply in 300 ℓ water/ha from second node stage but not later than ear emergence. Apply as above in at least 30 ℓ water/ha.
Stem rust <i>(Puccinia graminis f.sp. tritici)</i>	Ground application: 825 mℓ/ha Aerial application: 950 mℓ/ha	Apply in 300 ℓ water/ha at first signs of stem rust infection, but not later than flag leaf stage. Repeat should symptoms re-appear. Apply as above in at least 30 ℓ water/ha. Note that effective control is dependent on good coverage of the foliage especially stems. If aerial application results in inadequate coverage of the stems, particularly dense plantings when applied after flag leaf stage, limited control will be achieved.

SA/Nam/Bot Teb007

TEBUCURE 250 EW

Wet nr. 36 van 1947
S.A. Reg. Nr: L7992 / Nam Reg. Nr: N-AR 0927
Botswana Agrochemical Registration Certificate No: W130378

'n Sistemiese swamdoder emulsie, olie in water vir die beheer van siektes op gewasse soos aangedui.

AKTIEWE BESTANDEEL:

Tebukonasool (triasool) 250 g/ℓ

Vervaardig en geregistreer deur: ICA International Chemicals (Pty) Ltd, Reg. nr. 2001/013319/07, Plankenstraat 28, Plankenbrug Industrieël, Stellenbosch, 7600

VERSIGTIG

WAARSKUWINGS:

Onthoudingsperiodes: (Minimum aantal dae tussen laaste toediening en oes of beweiding en / of voer):

Gars en koring: oes, beweiding, voer.....	77 dae
Aartappels, bone en sojabone: oes, beweiding, voer.....	14 dae
Grondboon- en boontjiehooi: voer.....	42 dae
Granate:	84 dae
Tamaties en ertjies: oes.....	7 dae
Hawer: oes, beweiding en voer.....	56 dae
Sitrus: oes.....	175 dae
Tafeldruiwe:	42 dae
Wyndruiwe:	42 dae

Nakoming van hierdie onthoudingsperiodes 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, skakel met die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, MRL en aanbevole onthoudingsperiodes.

- Skadelik indien ingesluk, ingeasem of deur die vel geabsorbeer word.
- Kan ernstige skade van oë veroorsaak.
- Giftig vir visse.
- Berg in 'n koel, droë plek weg van voedsel, voer en drinkwater.
- Hou buite bereik van kinders, ongeligte persone en diere.
- **Kleingrane:** Wanneer tenkmengsels met grasonkruiddoders toegedien word mag 'n effense vergeling en/of skroei op bespuite blare voorkom maar nuwe groei sal nie geaffekteer wees nie.
- **Herbetredingsinterval:** Moet nie behandelde gebied binnegaan voordat die spuitneerslag droog is nie tensy beskermende klere gedra word.
- **Lugtoediening:** Stel alle inwoners in kennis in die onmiddellike omgewing van die gebied wat bespuit gaan word en reik die nodige waarskuwings uit. Moet nie oor water of aangrensende gebiede wat nie onder behandeling is spuit nie en voorkom dat die spuitnewel na hierdie gebiede oorwaai.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die 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 effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.

VOORSORGMATREËLS:

- Moet nie eet, drink of rook terwyl die produk hanteer word nie.
- Dra rubberhandskoene en gesigskerm wanneer die konsentraat hanteer word.
- Indien in kontak met oë, spoel onmiddellik uit en kry mediese advies.
- Was met seep en water na gebruik of indien op vel kom.
- Verwyder kontameneerde klere en was dit.
- Vermoedlik van spuitnewel na ander gewasse, weiding, riviere of damme.
- Na gebruik maak toediener deeglik skoon en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Spoel leë houer driekeer uit met 'n volume water gelykstaande aan minstens 30% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word, deur gate daarin te maak en dit te begrawe. Moenie die houer vir enige ander doel gebruik nie.
- Vermoedlik van voedsel, voer, drinkwater en eetgerei.

WEERSTANDSWAARSKUWING:

TEBUCURE 250 EW is 'n groeppode 3 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **TEBUCURE 250 EW** of enige ander groeppode 3 swamdoder het. Indien hierdie swamdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **TEBUCURE 250 EW** of enige ander groeppode 3 swamdoder beheer word nie. Om weerstand teen swamdoders te vertraag:

- Vermoedlik die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groeppode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende swamdodergroeppodes,
- Raadpleeg toepaslike individuele produktetikette wanneer daar afgewissel word, of tenkmengsels gemaak word, met produkte in swamdodergroeppodes M.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.

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

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.

Verenigbaarheid:

TEBUCURE 250 EW se verenigbaarheid met ander landbou chemiese produkte kan beïnvloed word deur faktore soos verdunningswater kwaliteit en produk formulasies. Dit word daarom aanbeveel dat 'n fisiese verenigbaarheidstoets altyd eers uitgevoer word voor vermenging. **TEBUCURE 250 EW** is in die algemeen verenigbaar met nie-alkaliese landbou chemiese middels.

Menginstruksies:

Voeg die korrekte hoeveelheid **TEBUCURE 250 EW** by spuittenk halfvol met water terwyl geroer word. Vul daarna die tenk met water terwyl geroer word. Spuitmengsel moet gedurende toediening aanhoudend geroer word.

Lugtoediening:

Maak seker dat die spuitmengsel eweredig versprei word oor die teikenarea en dat verlies aan spuitmengsel tot 'n minimum beperk word tydens toediening. Die volgende vereistes moet gevolg word om bostaande te bewerkstellig:

- Toediening moet gedoen word deur 'n geregistreerde Lugbespuitingsoperateur. Die vliegtuig moet geregistreerde en korrek gekalibreerde wees volgens die instruksies van SANS 10118 (Aerial Application of Agricultural Pesticides).
- Spuitmengsel volume van 30 - 40 ℓ per ha moet gebruik word.
- 40-50 druppels / cm² moet van die teikenarea herwin word.
- Die VMD van die druppelspektrum moet 280 - 300 mikron wees. Druppels kleiner as 150 mikron (hoë drywing en verdampingspotensiaal) moet tot 'n minimum beperk word.
- Handhaaf 'n vlieghoogte van 3 m van spuitbalk bo die teiken as windsnelheid onder 8 km/uur is en 2 m met windsnelheid van 8-15 km/uur.
- Atomiseringsapparaat moet die vereiste druppelgrootte en bedekking produseer en 'n druppelspektrum wat die kleinste moontlike Relatiewe Span bewerkstellig. Atomiseerders moet ook so geplaas word om te verhoed dat druppels binne-in die vlerkpuntvorteks beweeg. Hierdie aspekte sal die minste verlies van produk verseker.
- Indien temperatuur tussen die nat- en droëboltermometer van 'n swaaihygrometer, 8 °C oorskry, moet toediening gestaak word.
- As windspoed 15 km per uur oorskry, moet toediening gestaak word.
- Droë toestande gedurende die hitte van die dag lei tot turbulente en onstabiele omstandighede en toediening moet gestaak word.
- Bespuiting onder temperatuur inversie toestande (deur bo of binne die inversie laag te spuit) en/of hoë lugvog toestande (relatiewe humiditeit 80 % en meer) mag tot die volgende probleme aanleiding gee:
 - swakker siekte beheer vanweë oneffektiewe bedekking veroorsaak deur verdamping en druppels wat in lug bly hang.
 - wegdrywing van spuitwolk na nie-teiken areas wat kan lei tot skade van gewasse of besoedeling van sensitiewe areas.
- Maak seker dat die Lugbespuitingsoperateur weet presies watter lande gespuit moet word.
- Versekering van die Lugbespuitingsoperateur moet verkry word dat aan bogenoemde vereistes voldoen sal word en dat data vir toekomstige verwysing in 'n logboek saamgevat is.

TOEDIENINGS TABEL		
GEWAS / SIEKTE	DOSIS	OPMERKINGS
AARTAPPELS Vroeëroes (<i>Alternaria solani</i>)	Grondtoediening: 75 mℓ / 100 ℓ water Lugtoediening: 500-750 mℓ/ha	Dien toe as 'n voorkomende bespuiting wanneer toestande gunstig is vir Vroeëroes ontwikkeling (warm, vogtige weertoestande). Dien toe in nie minder as 500 ℓ spuitmengsel per ha. Moet nie minder as 375 mℓ TebuCure 250 EW / ha toedien nie. TebuCure 250 EW moet toegedien word in 'n tenkmengsel met 'n geregistreerde laatroes swamdoder wanneer toestande gunstig is vir laatroes ontwikkeling. TebuCure 250 EW moet nie meer as 5 keer per seisoen toegedien word nie. Dien toe elke 7-10 dae of die toediening kan elke 7-10 dae afgewissel word in 'n behandelings-program (nie-DMI swamdoder) wat geregistreer is teen vroeë- en/of laatroes afhange van toestande. Dien toe soos bo in 40 ℓ water/ha. Gebruik die hoër dosis na blomstadium of wanneer toestande gunstig is vir vinnige Vroeëroes ontwikkeling (warm, vogtige weertoestande).
BONE (Droë & Groenbone) Bruinroes (<i>Uromyces appendiculatus</i>)	Grondtoediening: 500 mℓ/ha Lugtoediening: 600 mℓ/ha	Dien toe as volle dekbespuiting in nie minder as 500 ℓ water/ha as 'n voorkomende behandeling sodra eerste besmetting opgemerk word. Herhaal toediening elke 10-12 dae indien nodig, veral as weertoestande gunstig vir siekte ontwikkeling is. Dien toe soos bo in ten minste 30 ℓ water / ha.
DRUIWE: TAFELDRUIWE EN WYNDRUIWE Poeieragtige skimmel (<i>Oidium tuckerii</i>)	30 mℓ/100 ℓ water	Sluit in 'n voorkomende spuitprogram in wat elke 10 - 14 dae toegedien word. Begin toedienings wanneer lote 5 – 10 cm lank is. Dien toe met 'n voldekbepuiting, verseker voldoende bedekking van plante. Wissel die bespuitings in 'n behandelingsprogram met nie-DMI swamdoders wat geregistreer is. Tafeldruiwe: Moenie meer as in 6 bespuitings per seisoen toedien nie, in 500 – 1500 ℓ/ha, afhange van blaar-area teenwoordig. Wyndruiwe: Moenie meer as in 4 bespuitings per seisoen toedien nie, in 300 – 1500 ℓ/ha, afhange van blaar-area teenwoordig.
ERTJIES Poeieragtige skimmel (<i>Erysiphe pisi</i>)	Grondtoediening: 50 mℓ/100 ℓ water Lugtoediening: 300 mℓ/ha	Dien toe in 500 ℓ spuitmengsel/ha sodra eerste tekens van siekte voorkom en herhaal elke 10-14 dae afhange van infeksie. 'n Geskikte benatter/kleefmiddel moet bygevoeg word vir goeie bedekking van blare of oormatige afloop te verhoed. Moenie meer as 3 bespuitings / seisoen toedien nie. Dien toe soos bo in ten minste 40 ℓ water/ha.
GARS Blaarvlek (<i>Rhynchosporium secalis</i>)	Grondtoediening: 500 mℓ/ha Lugtoediening: 500 mℓ/ha	Dien toe in 300 ℓ water/ha sodra eerste simptome waargeneem word of in periode tussen seweblaar en vlagblaar stadium. 'n Enkele behandeling behoort voldoende te wees vir beheer. Dien toe soos bo in ten minste 30 ℓ water/ha.
Blaarroes (<i>Puccinia hordei</i>)	Grondtoediening: 750 mℓ/ha Lugtoediening: 750 mℓ/ha	Dien toe in 300 ℓ water/ha sodra eerste simptome waargeneem word. Herhaal behandeling na ongeveer 4 weke indien simptome weer voorkom. Dien toe soos bo in ten minste 30 ℓ water/ha.
	OF 500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Dien toe sodra eerste simptome waargeneem word en herhaal 3 – 4 weke later, indien nodig. Grondtoediening: Dien toe in 300 ℓ water/ha. Lugtoediening: Dien toe in 30 ℓ water/ha.

Ringvlek <i>(Selenophoma donacis)</i> Oogvlek <i>(Pseudocercospora herpotrichoides)</i>	Grondtoediening: 750 mℓ/ha Lugtoediening: 900 mℓ/ha	RINGVLEK Dien toe in 300 ℓ water/ha sodra eerste simptome waargeneem word veral vanaf vlagblaar tot aarverskyning stadium. Onder hoë siektedruk toestande word 'n tweede toediening 3-4 weke later aanbeveel. OOGVLEK Dien toe in 300 ℓ water/ha in die periode tussen sewe-blaar en vlagblaar stadium. 'n Enkele behandeling behoort voldoende te wees vir beheer. Dien toe soos bo in ten minste 30 ℓ water/ha.
Netvlek <i>(Pyrenophora teres) (Helminthosporium spp.)</i>	Grondtoediening: 750 mℓ/ha Lugtoediening: 900 mℓ/ha	Dien toe in 300 ℓ water/ha sodra eerste simptome waargeneem word, veral vanaf vlagblaar tot aarverskyning stadium. Onder hoë siektedruk toestande word 'n tweede toediening 3-4 weke later aanbeveel. Dien toe soos bo in ten minste 30 ℓ water/ha.
	OF 500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Dien voorkomend toe, of sodra eerste simptome waargeneem word, veral vanaf vlagblaar tot aarverskyning stadium. Onder hoë siektedruk toestande word 'n tweede toediening 3-4 weke later aanbeveel. Grondtoediening: Dien toe in 300 ℓ water/ha. Lugtoediening: Dien toe in 30 ℓ water/ha. Sal ook <i>Ramularia (Ramularia collo-cyni)</i> onderdruk.
Poeieragtige skimmel (<i>Erysiphe graminis</i>)	Grondtoediening: 750 mℓ/ha Lugtoediening: 750 mℓ/ha	Dien toe in 300 ℓ water/ha sodra eerste simptome waargeneem word. Herhaal behandeling na ongeveer 4 weke indien simptome weer voorkom. Dien toe soos bo in ten minste 30 ℓ water/ha.
GRANATE Alternaria vrug vrot <i>(Alternaria spp.)</i>	80 mℓ / 100 ℓ water	Dien toe as 'n voorkomende behandeling gedurende blomstadium. Drie toediensings, in 14 dae intervalle, kan op 'n seisoen se vrugte gemaak word. Finale toediening wanneer eerste vrugte 20 mm deursnee bereik.
GRONDBONE Blaarvleksiectes <i>Cercospora arachidicola & Cercosporidium personata</i> Spatselvlek <i>(Phoma arachidicola)</i> Bruinroes <i>(Puccinia arachidis)</i>	Grondtoediening: <u>Droëland:</u> 400 mℓ per 10 000 m ry lengte <u>Besproeing:</u> 600 mℓ per 10 000 m ry lengte Lugtoediening: <u>Droëland:</u> 500 mℓ/ha <u>Besproeing:</u> 750 mℓ/ha	Dien toe in 500 ℓ water per 10 000 m ry lengte of per ha as 'n voorkomende behandeling wanneer eerste tekens van infeksie opgemerk word. Herhaal toediening elke 10-14 dae. Dien 4-5 bespuitings toe per seisoen. 'n Geskikte benatter/kleefmiddel moet by die spuitmengsel gevoeg word om deeglike benatting van bogrondse groei te verseker. Dien toe soos bo in ten minste 40 ℓ water/ha.
HAWER Kroonroes <i>(Puccinia coronata)</i>	Grondtoediening: 500 mℓ/ha Lugtoediening: 500 mℓ/ha	Dien toe in ten minste 300 ℓ water/ha sodra eerste siekte simptome waargeneem word. Dien toe soos bo in ten minste 30 ℓ water/ha.
KORING 1) Dien TebuCure 250 EW toe met eerste tekens van besmetting voordat 'n besmettingsvlak van 5 % bereik is. 2) Vir koring word 'n tweede toediening, 21 dae later aanbeveel vir aanplantings met 'n hoë oes-potensiaal. Dit is veral belangrik in gevalle waar ander siektes later in seisoen ontwikkel of waar die eerste toediening vroeg (eerste node stadium) aangewend is.		
Vaalblaar <i>(Septoria tritici)</i> Streeproes (Geelroes) <i>(Puccinia striiformis)</i>	Grondtoediening: 625 mℓ/ha Lugtoediening: 750 mℓ/ha	VAALBLAAR Dien toe in 300 ℓ water/ha. Toediening moet nie later as verskyning van vlagblaar geskied nie. STREEPROES (GEELROES) Dien toe in 300 ℓ water/ha sodra simptome waargeneem word. Herhaal toediening indien simptome weer voorkom. Dien toe soos bo in ten minste 30 ℓ water/ha.
Blaarroes <i>(Puccinia recondita)</i>	Grondtoediening: 750 mℓ/ha Lugtoediening: 900 mℓ/ha	Dien toe in 300 ℓ water/ha sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie. Herhaal toediening indien simptome weer voorkom. Dien toe soos bo in ten minste 30 ℓ water/ha.
	OF 500 mℓ TebuCure 250 EW /ha Plus 250 mℓ CONSTRUCTOR 250 EC /ha	Dien toe sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie. Herhaal toediening 3 – 4 weke later indien simptome weer voorkom. Grondtoediening: Dien toe in 300 ℓ water/ha. Lugtoediening: Dien toe in 30 ℓ water/ha.

Bruinaarsiekte <i>(Septoria nodorum)</i>	Grondtoediening: 750 mL/ha Lugtoediening: 900 mL/ha	Dien toe in 300 ℓ water/ha vanaf tweede node-stadium maar nie later as aarveskyning nie. Dien toe soos bo in ten minste 30 ℓ water/ha.
Oog vlek <i>(Pseudocercospora herpotrichoides)</i>	Grondtoediening: 750 mL/ha Lugtoediening 750 mL/ha	Dien toe in 300 ℓ water / ha by eerste- of tweed- node stadium. Dien toe soos bo in ten minste 30 ℓ water/ha.
Poeieragtige skimmel <i>(Erysiphe graminis)</i>	Grondtoediening: 750 mL/ha Lugtoediening: 750 mL/ha	Dien toe in 300 ℓ water/ha sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie. Herhaal toediening 3-4 weke indien simptome weer voorkom. Dien toe soos bo in ten minste 30 ℓ water/ha.
	OF 500 mL TebuCure 250 EW /ha Plus 250 mL CONSTRUCTOR 250 EC /ha	Dien toe in 300 ℓ water / ha sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie. Herhaal toediening indien simptome weer voorkom. Grondtoediening: Dien toe in 300 ℓ water/ha. Lugtoediening: Dien toe in 30 ℓ water/ha.
Stamroes <i>(Puccinia graminis f.sp. tritici)</i>	Grondtoediening: 825 mL/ha Lugtoediening: 950 mL/ha	Dien toe in 300 ℓ water/ha sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie. Herhaal toediening indien simptome weer voorkom. Dien toe soos bo in ten minste 30 ℓ water/ha. Let daarop dat vir effektiewe beheer van stamroes is goeie bedekking van die plant veral die stam krities. Indien lugtoediening onvoldoende bedekking van stamme bewerkstellig, veral by digbeplante koring as na die vlagblaar stadium toegedien word, sal stamroes beheer beperk wees.
MANGO'S Poeieragtige skimmel <i>(Oidium mangiferae)</i>	20 mL/100 ℓ water	Begin toedienings sodra eerste simptome opgemerk word en herhaal 10 - 14 dae tot 100 % blomblaarval. Normaalweg word eerste toediening aangewend wanneer 50 % blomme oop is en besmetting begin. Verdere 2-3 bespuitings word toegedien afhangede van weerstoestande en egaligheid van die blomperiode. Dien toe as 'n volle dekediening en verseker dat die blomtrosse deeglik benat word.
SITRUS (Nawels, Clementines en Minneola tangelos) Nawel-end verrotting (Swart kernverrotting) <i>(Alternaria alternata f.sp. citri)</i>	80 mL/100 ℓ water	Dien twee bespuitings toe beginnende by 50 % blomblaarval en daarna by 100 % blomblaarval. Dien toe as 'n medium dekbespuiting (± 20 ℓ spuitmengsel per boom afhangede van boomgrootte). Let wel dat weens onegalige blom oor 'n verlengde tydperk en onvoorspelbare weersomstandighede tydens dié periode, mag varierende siekte beheer verkry word wat nie aan uitvoer standarde voldoen nie.
Nawels Nawel-end verrotting (Swart kernverrotting) <i>(Alternaria alternata f.sp. citri)</i> en vermindering van die grootte van nawel-end openinge	80 mL/100 ℓ water + 1.3 mL AVI-AMINE 720 (L1087)	Dien mengsel toe tydens vol-blom as 'n enkele toediening. Dien toe as 'n medium dekbespuiting (± 20 ℓ spuitmengsel per boom afhangede van boomgrootte). Let wel dat weens onegalige blom oor 'n verlengde tydperk en onvoorspelbare weersomstandighede tydens dié periode, mag variërende siekte beheer verkry word wat nie aan uitvoer standarde voldoen nie.
SOJABONE Roes <i>(Phakopsora pachyrhizi)</i>	Grondtoediening: 750 mL/ha Lugtoediening: 1000 mL/ha	Dien toe in 300 - 500 ℓ water/ha, afhangede van plantgrootte en digtheid, by eerste voorkoms van simptome en herhaal 14 – 21 dae later. Onder gunstige weerstoestande (15-28°C en hoë vogtigheid) spuit teen korter interval. By siektevoorkoms tydens blom of vroeë peulvul sal meer as een bespuiting nodig wees. By siektevoorkoms laat in seisoen sal een bespuiting voldoende wees. Verseker deeglike bedekking van hele plant. Dien toe soos bo in ten minste 40 ℓ water/ha.
TAMATIES Vroeëroes <i>(Alternaria solani)</i>	75 mL/100 ℓ water	Dien toe 5-12 ℓ spuitmengsel /100 m ry lengte afhangede van planthoogte en digtheid. Verseker deeglike bedekking van alle plantdele. Begin toedienings sodra heel eerste tekens van Vroeëroes opgemerk word. TebuCure 250 EW moet toegedien word in 'n tenkmengsel met 'n geregistreerde laatroes swamdoder wanneer toestande gunstig is vir laatroes ontwikkeling. TebuCure 250 EW moet nie meer as 5 keer per seisoen toegedien word nie. Dien toe elke 7-10 dae of die toediening kan elke 7-10 dae afgewissel word in 'n behandelingsprogram (nie-DMI swamdoder) wat gereistreer is teen vroeë-en/of laatroes afhangede van toestande.
UIE Alternaria-vlek <i>(Alternaria porri)</i>	150 mL/100 ℓ water	Dien toe teen 500 ℓ spuitmengsel/ha sodra eerste tekens van siekte opgemerk word. Herhaal met 7-14 dae intervalle afhangede van graad van infeksie. 'n Geskikte benatter/kleefmiddel moet verkieslik bygevoeg word om goeie bedekking van blare te verseker of oormatige afloop te verhoed. Moet nie meer as 6 bespuitings per seisoen toedien nie. Nie vir gebruik op spruituië nie.

AVI-AMINE 720 (L1087) is 'n geregistreerde produk van AVIMA (PTY) LTD
CONSTRUCTOR 250 EC (L10457) 250 g Pyraclostrobin / ℓ