

WARNINGS

Hazard Statements:

Combustible liquid. Harmful if swallowed. May be harmful in contact with skin. Causes mild skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

PRE-HARVEST INTERVAL (PHI):

Allow the following minimum time to elapse between the final application and harvest or grazing of the treated crop.

Barley and wheat	77 Days
Canola	21 Days

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

- Do not apply more than 2 applications per season.
- Keep out of reach of children, uninformed persons and animals.
- Store in a cool place, away from food, feed, seed or other agricultural remedies.
- Do not spray over or allow the drift to contaminate water or adjacent areas.
- Possible risk of harm to unborn child. Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings.
- Store in a cool place away from food and feedstuffs.
- **RE-ENTRY INTERVAL:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings
- **DISEASE CONTROL IN CANOLA:** The risk of blackleg disease (*Leptosphaeria maculans*) increases during higher rainfall periods and where crops are grown within 500m of a previous year's canola crop stubble. The pressure of blackleg infection will be increased by the intensity of canola cropping in the area, rainfall before sowing and the frequency of repeatedly growing the same cultivar.

DISCLAIMER:

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective 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 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:

Precautionary Statements

General: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Obtain special instructions before use.

Prevention: Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapours/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective clothing, eye protection, face protection, protective gloves.

Response: - IF SWALLOWED: Call a doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Call a doctor. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish. Collect spillage.

Storage: Store in a well-ventilated place. Store locked up

Disposal: Dispose of contents and container to an approved waste disposal plant.

PROTEB 250 EC

Reg. No. / Nr L10607 Act No. 36 of 1947/ Wet Nr 36 van 1947

FUNGICIDE



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

FRAC FUNGICIDE GROUP CODE

3

FRAC SWAMDODER GROEPCODE:

A systemic fungicide formulated as an emulsifiable concentrate for the control of the relevant diseases on the crops as listed under use instructions.

'n Sistemiese emulgeerbare konsentraat swamdoder vir die beheer van die bepaalde siektes op gewasse soos aangedui onder gebruiksaanwysings.

ACTIVE INGREDIENT/AKTIEWE BESTANDEEL:

Prothioconazole (triazole)..... 125 g/l.....Protiokonasool (Triasool)

Tebuconazole (Triazole).....125 g/l.....Tebuconazole (Triasool)



DANGER

Hazard Statements:

Combustible liquid.
Harmful if swallowed.
May be harmful in contact with skin.
Causes mild skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe vapours/spray.
IF SWALLOWED: Call a doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish.

Batch No:

D.O.M:

D.O.E:

Net Contents:

See reverse of packaging for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER
Farm Ag International (Pty) Ltd
Reg. Nr: Reg. No. 2005/011761/07
61 Marshall Drive, Old Mill Industrial Park,
Mount Edgecombe, South Africa, 4300
Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100718

- Do not eat, drink or smoke whilst handling this product.
- Prevent contamination of food, feed, drinking water and eating utensils.
- **TRIPLE RINSE the empty container as follows:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume 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.
- Destroy empty container and do not use for any other purpose.
- Clean applicator, including boom and nozzles after use ensuring the wash water does not contaminate crops, grazing, or water sources such as streams or dams.
- Change and wash your work clothes. Wash yourself.

For safety when mixing:

- Wear protective clothing, e.g. rubber gloves, rubber boots and a face mask when handling the product and preparing the spray mixture.
- If you get **PROTEB 250 EC** in your eyes, flush it out immediately with cold running water for at least 15 minutes.
- Wash with soap and water after use and accidental skin contact.
- Wear rubber gloves. If you get product on your skin, wash it off at once.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and changing clothes.
- Rinse the pre-mix container well. Destroy the original **PROTEB 250 EC** container by puncturing and burning it. Do not use the container for any other purpose.

For safety when spraying:

- Avoid spray drift onto susceptible crops, grazing, rivers, dams and areas not under treatment.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

For safety after spraying:

- Thoroughly rinse the applicator after use.
- Do not allow any spray or rinsing to go anywhere near unintended targets, trees or plants or where their roots may extend.
- Also, do not allow any rinse water to contaminate any crops, pastures, waterways or any area not under treatment.
- Wash both your work clothes and yourself.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing daily.
- Wash with soap and water after skin contact.

RELEVANT SUBSTANCES

NAME	PRODUCT IDENTIFIER
Prothioconazole 98.7% TC	CAS-No.: 178928-70-6
Tebuconazole 98% TC	CAS-No.: 107534-96-3
Tristyrylphenol Ethoxylates	CAS-No.: 99734-09-5
calcium dodecylbenzenesulphonate	CAS-No.: 26264-06-2

RESISTANCE WARNING:

PROTEB 250 EC is a group 3 (triazole) fungicide. Any fungus population may contain individuals naturally resistant to **PROTEB 250 EC** and other group code 3 fungicide. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly and exclusively in treatment programs. These resistant fungi may not be controlled by **PROTEB 250 EC** or any other group 3 fungicide.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group 3.

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

MODE OF ACTION:

Tebuconazole: Sterol demethylation (ergosterol biosynthesis) inhibitor, Systemic fungicide with protective, curative and eradicated action, Rapidly absorbed into the vegetative parts of the plant, with translocation principally acropetally.

Prothioconazole: Sterol demethylation (ergosterol biosynthesis) inhibitor, Systemic fungicide with protective, curative and eradicated action and long lasting activity.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Note: COMPATIBILITY: Farm-Ag International (Pty) Ltd. does not take responsibility for any tank mixtures as no compatibility trials have been done with any other products.

AERIAL APPLICATION:

- Aerial application of **PROTEB 250 EC** may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:
- **Volume:** A spray mixture volume of 30-40 l per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 25 to 35 droplets per cm² must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 280 to 300 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the wing tip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15km/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 on 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 from the aerial spray operator that the above requirements will be met and that relevant data will be recorded in a logbook and kept for future reference.

METHOD OF APPLICATION:

Aerial application:

- Refer to aerial application above.
- Apply the recommended dosage rate of **PROTEB 250 EC** in 30-40 litres water per hectare.

Ground application:

- **PROTEB 250 EC** may be applied with conventional high volume spray equipment. Calibrate the equipment to ensure that the correct volume per hectare is applied.
- The spray mixture must be applied uniformly over the entire target area.
- Ensure good coverage of the target plants by using sufficient water and suitable, correctly calibrated equipment, in good working order.
- Apply the recommended dosage rate of **PROTEB 250 EC** in 300 litres water per hectare.

MIXING INSTRUCTIONS:

Add half the required amount of water to the spray tank and begin agitation. Pour the required quantity of **PROTEB 250 EC** into the water whilst maintaining agitation, then add the balance of water required.

Apply the spray mixture as soon as possible after mixing, whilst maintaining agitation throughout.

Do not delay any length of time before applying.

APPLICATION INSTRUCTIONS:

BARLEY:

Crop/Disease	Dosage rate	Usage Directions
Leaf spot (scald) (<i>Rhynchosporium secalis</i>)	350 mL in 300 L of water per hectare.	Apply when first symptoms are noticed or during the growth stages between the seventh-leaf and flag leaf. A single application should be sufficient for control.
Brown Rust (Leaf rust) (<i>Puccinia hordei</i>)	300 mL in 300 L of water per hectare.	Spray as soon as first symptoms appear. Repeat application approximately four weeks later should symptoms re-appear.
Powdery mildew (<i>Erysiphe graminis</i>) (<i>Blumeria graminis hordei</i>)	300 mL in 300 L of water per hectare.	Spray as soon as first symptoms appear. Repeat application approximately four weeks later should symptoms re-appear.
Net blotch (Leaf blotch) (<i>Pyrenophora teres</i>) (<i>Helminthosporium spp.</i>)	400 mL in 300 L of water per hectare. Repeat application: 350 mL in 300 L of water per hectare.	Apply when first symptoms are noticed. Under conditions of high infection pressure a second application 3 - 4 weeks later should be applied.

NOTE: DO NOT APPLY PROTEB 250 EC MORE THAN TWICE IN ONE SEASON

CANOLA:

Crop/Disease	Dosage rate	Usage Directions
Blackleg (<i>Leptosphaeria spp./</i> <i>Phoma lingam</i>)	630 to 760 mL in 300 L of water per hectare	Apply at 4-6 leaf stage to blackleg susceptible cultivars or in situations of high blackleg risk. This will reduce lodging and stem canker from blackleg. A follow-up application may be required at green bud stage in high disease risk situations or where an effective blackleg seed treatment has not been used. Apply the higher rate (760 mL/ha) under high disease pressure.
Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	630 to 760 mL in 300 L of water per hectare	As a general rule, apply between 20% and 50% flowering. For best results apply preventatively at 20-30% flowering prior to significant disease development. Good coverage throughout the entire canopy is essential. Apply the higher rate (760 mL/ha) under high disease pressure.

WHEAT:

- Leaf diseases: PROTEB 250 EC should be applied at the first signs of infection which must be before 5% infection level is reached.
For Eye Spot refer to the application table below

Powdery mildew (<i>Erysiphe graminis</i>) (<i>Blumeria graminis tritici</i>)	400 mL in 300 L water per hectare	Spray as soon as symptoms are noticed, but not later than the flag leaf stage.
Leaf rust (<i>Puccinia triticina</i>)	300 mL in 300 L water per hectare	Spray as soon as symptoms are noticed, but not later than the flag leaf stage.
Glume blotch (<i>Stagonospora nodorum</i>) (<i>Phaeosphaera nodorum</i>)	400 mL in 300 L water per hectare	Apply from second node stage but not later than ear emergence.

Eyespot (<i>Helgardia herpotrichoides</i>)	600 mℓ in 300 ℓ water per hectare	Apply once during the period between the 1st to 2nd node stages.
Stemrust (<i>Puccinia graminis</i>)	300 mℓ in 300 ℓ water per hectare	Spray as soon as symptoms appear.

NOTE: DO NOT APPLY MORE THAN TWICE IN ONE SEASON.



WAARSKUWINGS:

Gevaarstellings:

Brandbare vloeistof. Skadelik indien ingesluk. Kan skadelik wees in kontak met die vel. Veroorsaak ligte velirritasie. Veroorsaak ernstige oogirritasie. Word daarvan verdink dat dit vrugbaarheid of die ongebore kind beskadig. Mag skade aan organe veroorsaak deur langdurige of herhaalde blootstelling. Giftig vir waterlewe met langdurige effekte.

Onthoudings Periode:

Laat Die Volgende Aantal Dae Toe Tussen Die Laaste Bepuiting En Die Oes (Phi). Beweiding Word Nie Toegelaat Op Behandelde Gewasse Nie.

Gars En Koring:77 Dae

Canola:21 Dae

LET WEL: Die aanbevole onthoudings periode tussen die laaste toediening en oes voldoen aan die vereistes vir plaaslike residu vlakke maar mag dalk nie voldoen aan die vereistes vir uitvoer nie. Indien die behandelde gewas bestem is vir die uitvoermark, skakel met die betrokke uitvoer liggaam voor toediening van die produk, rakende onthoudings periodes.

- Moet nie meer as 2 toedienings per seisoen toedien nie.
- Hou buitebereik van kinders, oningeligte persone en diere.
- Bewaar in 'n koelplek weg van voedsel, voer, saad en ander lanbou produkte.
- Moenie aangrensende gebiede of waterbronne bespuit of toelaat dat die sproeinewel daarheen oorwaai nie.
- Moontlike gevaar vir skade aan die ongebore kind. Stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit.
- Bewaar in 'n koelplek weg van voedsel en voer.
- **HERBETREDING:** Moet nie behandelde gebied betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word.
- **Lugtoediening:** stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit.
- **SIKTEBEHEER IN CANOLA:** 'n Groter risiko vir swartstam infeksie (*Leptosphaeria maculans*) kan verwag word gedurende hoër reënval periodes en waar canola verbou word binne 500m van die vorige jaar se stoppels. Ander faktore wat ook die risiko van swartstam infeksies verhoog sluit in die intensiteit van canola verbouing in die area, reënval voor saai en die herhaalde verbouing van dieselfde kultivar.

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 siektes 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 die geval van enige onsekerheid.

VOORSORGMATREËLS:

Voorsorgstellings

Algemeen: Indien mediese advies benodig word, hou produkhouer of etiket byderhand. Hou buite bereik van kinders. Lees etiket voor gebruik. Kry spesiale instruksies voor gebruik.

Voorkoming: Moet nie hanteer voordat alle veiligheidsmaatreëls gelees en verstaan is nie. Hou weg van hitte, warm oppervlaktes, vonke, oop vlamme en ander ontstekingsbronne. Geen rook nie. Moet nie dampe/spuitnewel inasem nie. Was hande, voorarms en gesig deeglik na hantering. Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie. Vermoë vrystelting na die omgewing. Dra beskermende kler, oogbeskerming, gesigbeskerming, beskermende handskoene.

Reaksie: **INDIEN INGESLUK:** Ontbied 'n dokter as jy onwel voel. **INDIEN IN OË:** Spoel versigtig uit met water vir 'n paar minute. Verwyder kontaklenze, indien teenwoordig en maklik om te doen. Gaan voort met spoel. **INDIEN blootgestel of bekommerd:** Ontbied 'n dokter. Kry mediese advies/aandag as jy onwel voel. Indien velirritasie voorkom: Kry mediese advies/aandag. Indien oogirritasie voortduur: Kry mediese advies/aandag. In geval van brand: Gebruik koolstofdiooksied (CO2), droë bluspoeler, skuim om te blus. Versamel gemors.

Berging: Berg in 'n goed geventileerde plek. Stoor toegesluit.

Wegdoening: Gooi inhoude en houers weg na 'n goedgekeurde afvalverwyderingsaanleg.

- Moet nie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.
- Voorkom besoedeling van voedsel, eetgerei, voer en drinkwater.
- **SPOEL die leë houer DRIEKEER UIT soos volg:** Keer die leë houer om oor die spuit- of mengtenk en dreineer vir ten minste 30 sekondes nadat die vloeit tot drup verlangsaam het. Spoel die leë houer daarna drie keer agtereenvolgens uit met een kwart van die houervolume vars water en gooi die spoelwater in die spuit- of mengtenk. Prik die drievoudig uitgespoelde houer deur en gooi weg via 'n goedgekeurde versamelaar of herwinner (www.croplife.co.za). Moet nie die houer begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir kos of drank kan gebruik nie.
- Vernietig leë houer en moet vir geen ander doel gebruik nie.
- Maak spuitapparaat skoon, insluitend die spuitbank en spuitpunte na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, riviere en damme kan besoedel nie.
- Trek klere uit, was jouself en trek skoon klere aan. Was besoedelde klere.

Veiligheids matreëls as gemeng word:

- Dra beskermende beskermende klere, b.v. rubber handskoene, rubber stewels oog beskerming en gesig beskerming wanner die produk en gehanteer word en terwyl die mengsel aangemaak word.
- Indien in anraking kom met oë, spoel dadelik uit met genoegsame koue water vir 15 minute.
- Was met seep en water na gebruik en toevallige velkontak.
- Dra rubber handskoene. As produk op vel kontak maak, was dit dadelik af.
- Moet nie eet, drink of rook tydens vermenging, en toediening of voordat hande en gesig gewas is nie en skoon klere aangetrek is nie.
- Spoel die meng houer deeglik uit. Vernietig die oorspronklike **PROTEB 250 EC** houer deue gate in te slaan en dit te verbrand. Moenie die houer vir ernige ander doel gebruik nie.

Vir Veiligheid tydens toediening:

- Vermy wegdryf van spuitnewel na gevoelige gewasse, weiding, riviere, damme en area nie onder behandeling nie.
- Voorkom besoedeling van voedsel, eetgerei, voer en drinkwater.

Vir veiligheid na toediening:

- Spoel die spuittoerusting deeglik uit na toediening.
- Moenie toelaat dat enige sproeinewel, of spoel water, naby nie-teiken gebiede, bome of plante of in die gebied waar hulle wortels mag wees.
- Moet ook nie spoel water toelaat om gewasse, weiding, waterweë of gebiede wat nie behandel word nie.
- Was u self and werks klere na toediening.
- Dra beskermende handskoene, beskermende klere, oog beskerming en gesig beskerming.
- Was besoedelde klere daaglik.
- Was met seep en water na kontak met vel.

RELEVANTE STOWWE

NAAM	PRODUK IDENTIFISEERDER
Protiokonasool 98.7% TS	CAS-Nr.: 178928-70-6
Tebukonasool 98% TS	CAS-Nr.: 107534-96-3
Tristiryifenol-etoksilate	CAS-Nr.: 99734-09-5
Kalsiumdodesielbenseensulfonaat	CAS-Nr.: 26264-06-2

WEERSTANDSBESTUUR:

PROTEB 250 EC is 'n groepkode 3 (triazool) swamdoder. Enigepopulasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **PROTEB 250 EC** of enige ander groepkode 3 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **PROTEB 250 EC** of enige ander groepkode 3 swamdoder beheer word nie.

Om weerstand teen swamdoderstevertraag:

- Vermy die eksklusiewe herhaaldelike gebruik van swamdoders in dieselfde swamdoder groepkode 3.
- Vir spesifieke inligting van weerstand bestuur raadpleeg die registrasie houer van die produk.

WYSE VAN AKSIE:

Tebukonasool: Sterol-demetilering (ergosterolbiosintese) inhibeerder, Sistemiese swamdoder met beskermende, genesende en uitwissende werking, Vinnig opgeneem in die vegetatiewe dele van die plant, met translokasie hoofsaaklik akropetaal.

Protiokonasool: Sterol-demetilering (ergosterolbiosintese) inhibeerder, Sistemiese swamdoder met beskermende, genesende en uitwissende werking en langdurige aktiwiteit.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

Let Wel: VEREENIGBAARHEID: Farm-Ag International (Pty) Ltd aanvaar geen verantwoordelikheid vir enige tenkmengsels nie, aangesien geen verenigbaarheidstoetse gedoen is met enige ander produkte nie.

LUGBESPUITING:

- Lugbespuiting van **PROTEB 250 EC** mag slegs deur 'n geregistreerde lugbespuitings operateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118 (Aerial Application of Agricultural Pesticides) gedoen word. Verseker dat die spuitmengsel eweredig oor die teiken area versprei word, en die verlies aan die spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereisteste voldoen:
- **Volume:** Spuitmengsel volume van 30 tot 40 l per 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 35 druppels per cm² moet op die teiken area herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 280 tot 300 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoëdrywing en verdampings potensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die spuitbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik, uitklim of draai nie.
- **Gebruik geskikte atomiserings apparaat** wat die vereiste druppelgrootte en bedekking sal produseer, maar wat die minste verlies van produk sal verseker. Die spuitstelsel moet 'n drupel spektrum produseer met die kleinste moontlike Relatiewe Span.
- **Plaas al die atomiseerders in die bineste 60 tot 75 % van die vlerkspan** om te verhoed dat druppels binne in die vlerkpunt vorteks beweeg.
- Die verskil in temperatuur tussen die nat- en droëbol termometer van 'n swaaihiogrometer, moet nie 8°C oorskry nie.
- Stop bespuiting indien die windspoed 15 km/h oorskry.
- Stop bespuiting tydens turbulente, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur inversie toestande (deurbo of binne die inversielaag tes puit) en/of hoë lugvogtoestande (relatiewe humiditeit 80 % en meer) mag tot die volgende probleme aanleiding gee:
 - verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken),
 - skade aan nie-teiken gewasse en/of sensitiewe areas as gevolg van wegdrywing van die spuit wolk na nie-teiken areas.
- Verseker dat die lugbespuitings operateur presies weet watter lande bespuit moet word.
- Verkry versekering van die lugbespuitings operateur dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

TOEDIENINGSMETHODE:

Lugbespuiting:

- Verwys n alugbespuiting hierbo.
- Dien die aanbevole toedienings hoeveelheid van **PROTEB 250 EC** toe in 30 - 40 liter water per hektaar.

Grondtoediening:

- **PROTEB 250 EC** mag met konvensionele hoë volume spuitapparaat toegedien word. Kalibreer die spuitapparaat voor toediening om te verseker dat die regte dosis gelewer word.
- Die verspreiding van die spuit volume moet egalig oor die teiken gebied wees.
- Verseker goeie bedekking van die hele plant deur genoegsame water en geskikte spuittoerusting te gebruik.
- Dien die aanbevole toedienings hoeveelheid van **PROTEB 250 EC** toe in 300 liter water per hektaar.

MENGINSTRUKSIES:

Voeg die helfde van diebe nodige hoeveelheid water by die spuittenk terwyl geroer word. Voeg die verlangde hoeveelheid **PROTEB 250 EC** by die spuittenk en hou aan met roering en voeg dan die res van die verlangde water by. Dien die spuitmengsel toe so gou na meng as moontlik, terwyl altyd geroer word. Moenie enige tyds duur laat verby gaan voor toediening nie.

TOEDIENINGS AANBEVELINGS:

GARS:

Gewas / Siekte	Dosis	Gebruiks Aanwysings
Blaarvlek (<i>Rhynchosporium secalis</i>)	350 ml in 300 l water per hektaar.	Dien toe sodra eerste simptome waargeneem word, of in die periode tussen sewe blaar en vlagblaar stadium. 'n Enkele behandeling behoort voldoende te wees vir beheer.
Blaar / Bruin Roes. (<i>Puccinia hordei</i>)	300 ml in 300 l water per hektaar.	Dien toe sodra eerste simptome verskyn. Herhaal toediening ongeveer vier weke later indien simptome weer verskyn.
Poeieragtigeskimmel (<i>Erysiphe graminis</i>) (<i>Blumeria graminis hordei</i>)	300 ml in 300 l water per hektaar.	Dien toe sodra eerste simptome waargeneem word. Herhaal toediening na 4 weke indien simptome weer verskyn.
Netvlek (<i>Pyrenophora teres</i>) (<i>Helminthosporium spp.</i>)	400 ml in 300 l water per hektaar. Herhaal toediening: 350 ml in 300 l water per hektaar.	Dien toe sodra eerste simptome waargeneem word. Onder toestande van hoë infeksie druk behoort 'n tweede toediening 3 tot 4 weke later toegedien te word.

LET WEL: MOET NIE PROTEB 250 EC MEER AS TWEE KEER PER SEISOEN TOEDIEN NIE.

CANOLA:

Gewas/Siekte	Toedienings- hoeveelheid	Opmerkings
Blackleg (<i>Leptosphaeria spp./</i> <i>Phoma lingam</i>)	630 to 760 ml in 300 l water per hektaar.	Dien PROTEB 250 EC toe op die 4 – 6 blaarstadium van swartstam gevoelige kultivars of in toestande van hoë swartstam risiko. PROTEB 250 EC sal die omval van canola plant een die risiko van stamkanker as gevolg daarvan wat stam infeksies, verminder. 'n Opvolg bespuiting mag benodig word in hoë risiko toestande by roset vorming, of waar 'n effektiewe swartstam saadbehandelings toediening nie gedoen is nie. Gebruik die hoër dosis (760ml/ha) onder hoë siekte druk.
Sclerotinia stam vrot (<i>Sclerotinia sclerotiorum</i>)	630 to 760 ml in 300 l water per hektaar.	Dien toe tussen die 20 – 50 % (volblom) blom stadium toe. Vir die beste resultate, dien as 'n voorkomende behandeling gedurende die 20 – 30 % blom stadium toe, voor swam infeksie sigbaar is. Goeie bedekking van die totale plant oppervlakte is noodsaaklik. Gebruik die hoer dosis (760 ml/ha) onder hoë siekte druk.
KORING: • Blaarsiektes: PROTEB 250 EC behoort toegedien te word met eerste tekens van besmetting voordat 'n 5 % besmettingsvlak bereik is. Vir Oogvlek verwys na die toedienings tabel.		
Poeieragtigeskimmel (<i>Erysiphe graminis</i>) (<i>Blumeria-graminis tritici</i>)	400 ml in 300 l water per hektaar.	Dien toe sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie.
Blaarroes (<i>Puccinia tritica</i>)	300 ml in 300 l water per hektaar.	Dien toe sodra simptome waargeneem word, maar nie later as die vlagblaar stadium nie.

Bruinaarsiekte (<i>Stagonospora nodorum</i>) (<i>Phaeosphaera nodorum</i>)	400 ml in 300 l water per hektar.	Dien toe vanaf tweede node stadium maar nie later as aarverskyning nie.
Oogvlek (<i>Helgardia herpotrichoides</i>)	600 ml in 300 l water per hectare water per hektar.	Dien een bespuiting toe in die periode tussen die eerste en tweede node stadium.
Stamroes (<i>Puccinia graminis</i>)	300 ml in 300 l water per hektar.	Dien toe sodra simptome waargeneem word.

LET WEL: MOET NIE PROTEB 250 EC MEER AS TWEE KEER PER SEISOEN TOEDIEN NIE.



PROTEB 250 EC

Reg. No. / Nr L10607 Act No. 36 of 1947/ Wet Nr 36 van 1947

FUNGICIDE



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

FRAC FUNGICIDE GROUP CODE

3

FRAC SWAMDODER GROEPKODE:

A systemic fungicide formulated as an emulsifiable concentrate for the control of the relevant diseases on the crops as listed under use instructions.

'n Sistemiese emulgeerbare konsentraat swamdoder vir die beheer van die bepaalde siektes op gewasse soos aangedui onder gebruiksaanwysings.

ACTIVE INGREDIENT/AKTIEWE BESTANDEEL:

Prothioconazole (triazole)..... 125 g/l.....Protiokonasool (Triasool)

Tebuconazole (Triazole).....125 g/l.....Tebuconazole (Triasool)



DANGER

Hazard Statements:

Combustible liquid.
Harmful if swallowed.
May be harmful in contact with skin.
Causes mild skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe vapours/spray.
IF SWALLOWED: Call a doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish.

Batch No:

D.O.M:

D.O.E:

Net Contents:

See reverse of packaging for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER
Farm Ag International (Pty) Ltd
Reg. Nr: Reg. No. 2005/011761/07
61 Marshall Drive, Old Mill Industrial Park,
Mount Edgecombe, South Africa, 4300
Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100718

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100718