



REPUTE®

Reg. No. L 6824 (Act No. 36 of 1947)

A soluble concentrate systemic fungicide for the control of diseases on crops as listed.

FUNGICIDE GROUP CODE

3

ACTIVE INGREDIENT

Triadimefon (triazole)

.....250 g/l.....

Net Volume

5 l

REGISTERED BY: /

GEREGISTREER DEUR:

BITRAD CONSULTING (PTY) LTD

Co. Reg. No. 2002/025636/07

PO Box 51454

Wierda Park, 0149

UN NO/NR. 3082

BATCH NUMBER

DATE MANUFACTURED

LOTNOMMER

DATUM VERVAARDIG

Netto Volume

DISTRIBUTED BY: /

VERSPREI DEUR:

Reg. Nr. L 6824 (Wet Nr. 36 van 1947)

'n Suspensie konsentraat sistemiese swamdoder vir die beheer van siektes op gewasse soos aangedui.

SWAMDODER GROEPKODE

AKTIEWE BESTANDEEL

Triadimefon (triasool)



**SKADELIK
HARMFUL**



REPUTE is a registered trademark / is 'n geregistreerde handelsmerk.

010240

WARNINGS:

- Withholding periods:
Allow the following number of days between last application and harvest or grazing of:
Barley, Oats and Wheat 56 days.
- Harmful by contact or when swallowed or inhaled.
- May cause skin, eye and mucous membrane irritation.
- Store away from food and feedstuffs in a cool, dry place.
- Toxic to fish.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning CALL A DOCTOR IMMEDIATELY and show this label to him/her.
- Re-entry: Do not enter treated area within 1 day after application, unless wearing protective clothing.
- AERIAL APPLICATION - Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over - or allow drift to contaminate areas not under treatment.

RESISTANCE WARNING: REPUTE is a group code 3 fungicide.

Any fungus population may contain variants that are naturally resistant to **REPUTE** and other **group code 3 fungicides**. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. Such resistant fungi may not be controlled by **group code 3 fungicides**.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same group code. Alternate applications with registered products from different group codes or tank mix this product with such different code fungicides.
- Integrate other control methods into disease programmes.

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 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:

- Avoid contact with skin and eyes.
- Do not inhale spray mist.
- Wear protective clothing i.e. rubber gloves and face shield, when handling concentrate.
- Wash contaminated clothing daily.
- Wash with soap and water after use and accidental skin contact.
- Do not eat, drink or smoke whilst mixing and applying or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator and measuring equipment before using with other products and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before recycling the container in the prescribed manner.

- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

SYMPTOMS OF POISONING: No specific symptoms evident on ingestion. May cause eye, skin and mucous membrane irritation.

FIRST AID TREATMENT:

- If Ingested: Drink 1-2 glasses of water and induce vomiting.
Do not induce vomiting to an unconscious person.
- On Skin: Remove contaminated clothes and wash skin with soap and water.
- In Eyes: Flush immediately with plenty of water.
- If Inhaled: Remove person to fresh air. If not breathing, give artificial respiration.

NOTE TO PHYSICIAN:

No specific antidote is available. Treat person symptomatically.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

COMPATIBILITY: It is recommended that the compatibility of **REPUTE** with other agrochemicals are tested before commercial applications commence.

MIXING INSTRUCTIONS:

- Shake the container before decanting/measuring.
- Pour the required volume of **REPUTE** in a bucket with water and stir the concentrate thoroughly.
- Fill spray tank to approx. 50% of capacity with water.
- Add the mixture to the spray tank and fill to capacity with water whilst agitating.
- Do not use alkaline - or muddy water.
- Do not leave spray mixture overnight for later use.
- Continuous agitation of the spray mixture during application is essential.

GROUND APPLICATION:

Apply 150 to 250 litre spray mixture per hectare at an operating pressure of 150 to 300 kPa. Ensure an even coverage of the target area, using boom fitted with solid - or hollow cone nozzles to deliver a droplet size of approx. 250 micron. Limit the number of atomised droplets (very small droplets), by using lower spray pressure, correct nozzle orifices and evaporation reducing adjuvants.

AERIAL APPLICATION:

Aerial application of **REPUTE** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 10118:2009 (The Aerial Application of 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 30ℓ 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 microns is recommended. Limit the production of fine droplets less than 150 microns (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 wingtip 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 15 km/h.
 - Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
 - Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
 - Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

CONSULT YOUR REPRESENTATIVE IF ANY UNCERTAINTIES PREVAIL REGARDING THE RECOMMENDATIONS.

Note: As a result of the systemic nature of REPUTE, disease control may be impaired in cereal fields subject to growth stress conditions.

APPLICATION TABLE :

CROP/DISEASE	DOSAGE Ground & Aerial Application	REMARKS
WHEAT Leaf rust <i>Puccinia recondita</i>	500 - 750 ml/ha	Apply when disease appears but not later than the flag leaf stage (prior to ear emergence). Use the higher rate under severe disease pressure.
BARLEY Leaf rust <i>Puccinia hordei</i>	750 ml/ha	Apply from the 3 to 5 leaf stage until flag leaf stage at first signs of infection.
OATS Crown rust <i>Puccinia coronata</i>	500 - 750 ml/ha	Apply at the 3 to 5 leaf stage until flag leaf stage at first signs of the disease. Use the higher rate under severe disease pressure conditions.

IMPORTANT: Add a suitable surfactant/penetrant to the spray mixture, according to recommendations of the relevant label.

WAARSKUWINGS:

- Onthoudingsperiodes:
Laat die volgende aantal dae toe tussen die laaste toediening en oes/beweiding op: Gars, Hawer en Koring 56 dae.
- Hanteer versigtig.
- Kan vel, oë en slymvliese irriteer.
- Skadelik deur velkontak en wanneer ingesluk of ingeasem word.
- Berg weg van voedsel en voer in 'n koel, droë plek.
- Giftig vir visse.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In geval van vergiftiging ONTBIED ONMIDDELIK 'N GENEESHEER en toon hierdie etiket aan hom/haar.
- Herbetreding: Moet nie behandelde area binne 1 dag na behandeling betree tensy beskermende klere gedra word nie
- LUGTOEDIENING - Stel alle inwoners, in die onmiddellike gebied wat behandel gaan word, in kennis en reik die nodige waarskuwings uit. Moet nie oor gebiede spuit wat nie onder behandeling is nie en moet nie toelaat dat spuitnewel daarheen dryf nie.

WEERSTANDWAARSKUWING: REPUTE is 'n **groepkode 3 swamdoder**. Enige swambevolking mag variante insluit wat 'n natuurlike weerstand teen **REPUTE** en ander **groepkode 3 swamdoders** het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Sulke weerstandbiedende swamme sal nie beheer word deur groepkode 3 swamdoders nie.

Om weerstand teen swamdoders te vertraag:

- Vermyn uitsluitlike herhaaldelike gebruik van swamdoders met dieselfde groepskode. Wissel toedienings af met geregistreerde produkte uit ander groepskodes, of gebruik tenkmengsels met produkte met sulke verskillende groepskodes.
- Integreer ander beheermaatreëls in swamdoderbeheerprogramme.

Nota: Ondoeltreffende toediening sal aanleiding gee tot onbevredigende beheer en die ontwikkeling van weerstand aanhêl.

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 klimaat- en bergingstoestande; kwaliteit van verdunningswater; verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van siekte teen 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.

VOORSORGMATREELS:

- Voorkom aanraking met vel en oë.
- Moet nie die stof of spuitnewel inasem nie.
- Dra beskermende klere nl. rubberhandskoene en gesigskerm, wanneer konsentraat hanteer word.
- Was besoedelde klere daaglik.
- Was met seep en water na gebruik en toevallige velkontak.
- Dra rubberhandskoene en gesigskerm wanneer spuitmengsel voorberei word.
- Moet nie eet, drink of rook tydens meng en toediening of voordat hande en gesig gewas is nie.
- Voorkom wedygrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.
- Maak toediener en maathouers skoon voordat dit vir ander produkte gebruik word en raak ontslae van waswater waar dit nie ander gewasse, weiding, riviere en damme sal besoedel nie.
- Spoel leë houer drie keer uit as volg: Keer leë houer om oor die meng- of spuittenk en dreineer vir minstens 30 sekondes nadat vloei tot 'n drup verminder het. Spoel die houer daarna driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse skleer word.

- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

SIMPTOME VAN VERGIFTIGING: Geen spesifieke simptome is duidelik met inname nie. Mag die oë, vel en slymvliese irriteer.

NOODHULPBEHANDELING:

Indien Ingesluk: Drink 1-2 glase water en induseer braking. Moet nie braking induseer by 'n bewustelose persoon nie.
Velkontak: Verwyder besoedelde klere en was vel met seep en water.
Kontak met oë: Spoel onmiddelik met baie water.
Indien ingeasem: Verwyder persoon na vars lug. Indien geen asemhaling, pas kunsmatige asemhaling toe.

NOTA AAN GENEESHEER:

Geen spesifieke teenmiddel is beskikbaar nie. Behandel persoon simptomaties.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

MENGBAARHEID: Dit word aanbeveel dat die mengbaarheid van **REPUTE** met ander Landboumiddels getoets word voordat kommersiële toedienings plaasvind.

MENGINSTRUKSIES:

- Skud die houer deeglik voordat produk uitgegooi/uitgemeet word.
- Meet die verlangde volume **REPUTE** af in 'n emmer met water en roer die konsentraat deeglik.
- Vul die spuittenk met water tot ongeveer 50% kapasiteit.
- Voeg die mengsel by die water in spuittenk en vul tot verlangde volume met water terwyl geroer word.
- Moet nie alkaliese- of modderige water gebruik nie.
- Moet nie spuitmengsel oornag laat vir latere gebruik nie.
- Voortdurende roering van die spuitmengsel gedurende toediening is noodsaaklik.

GRONDTOEDIENING:

Dien 150 tot 250 liter spuitmengsel per hektaar toe teen 'n spuitdruk van 150 tot 300 kPa. Verseker 'n eweredige bedekking van die teikengebied. Gebruik 'n spuitbalk wat toegerus is met soliede - of holkeëlsputpunte om 'n druppelgrootte van ongeveer 250 mikron te lewer. Beperk die getal ge-atomiseerde druppels (baie klein druppels) deur laer spuitdruk, regte spuitpunte en teenverdampingsmiddels te gebruik.

LUGTOEDIENING:

REPUTE kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118:2009 (The Aerial Application of Pesticides) uit die lug bespuit word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word, en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:

- **Volume:** 'n Spuitmengsel volume van 30 liter 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 cm^2 moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 280 tot 300 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die spuitbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik, uitklom of draai nie.
- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste Relatiewe Span produseer.
- Plaas al die atomiseerders in die binste 60 tot 70 % van die vlerkspan om te verhoed dat druppels binne-in die vlerkpuntvorteks beweeg.

- Die verskil in temperatuur tussen die nat- en droëboltermometer van 'n swaaighrometer, moet nie 8° C oorskry nie.
- Stop bespuiting indien die windspoed 15 km/uur oorskry.
- Stop bespuiting tydens turbulente, onstabiele en droë toestande gedurende die hitte van die dag.
- 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 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 of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n versekering van die Lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

RAADPLEEG U VERTEENWOORDIGER INDIEN ENIGE ONSEKERHEID OOR DIE AANBEVELINGS BESTAAN.

Nota: As gevolg van die sistemiese eienskappe van REPUTE, mag siektebeheer benadeel word in kleingraanlande wat onder groeistremming verkeer.

TOEDIENINGSTABEL :

GEWAS/SIEKTE	DOSIS Grond- en lugtoediening	OPMERKINGS
KORING Blaarroes <i>Puccinia recondita</i>	500 - 750 ml/ha	Dien toe sodra die siekte voorkom maar nie later as die vlagblaarstadium nie (voor aarverskyning). Gebruik die hoër dosis onder swaarder siektedruk.
GARS Blaarroes <i>Puccinia hordei</i>	750 ml/ha	Dien toe vanaf die 3 tot 5 blaarstadium tot vlagblaarstadium met eerste voorkoms van besmetting.
HAWER Kroonroes <i>Puccinia coronata</i>	500 - 750 ml/ha	Dien toe vanaf die 3 tot 5 blaarstadium tot vlagblaarstadium met eerste voorkoms van besmetting. Gebruik hoër dosis onder swaarder siektedruk en droogtestremmings-toestande.

BELANGRIK: Voeg 'n geskikte bevorderingsmiddel/penetreerder by die spuitmengsel, volgens voorskrifte op die betrokke etiket.

