



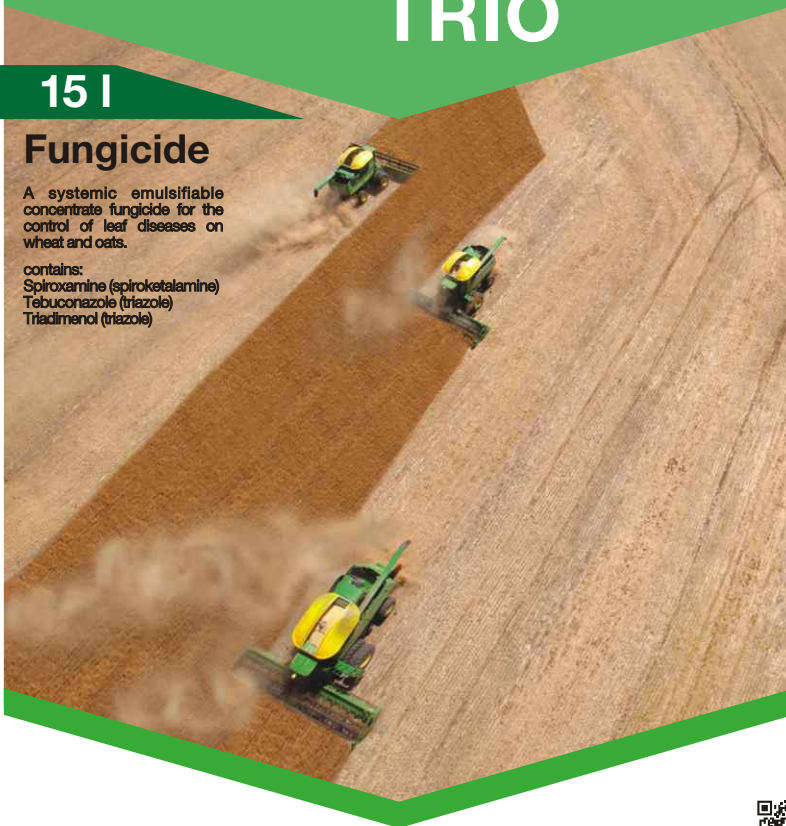
PROSPER[®] TRIO

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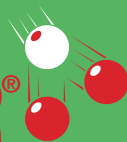
Fungicide

A systemic emulsifiable concentrate fungicide for the control of leaf diseases on wheat and oats.

contains:
Spiroxamine (spiroketalamine)
Tebuconazole (triazole)
Triadimenol (triazole)



PROSPER[®] TRIO



SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

Reg. No. L9083 (Act No. 36 of 1947)
Namibian Registration No. N-AR 1575

A systemic emulsifiable concentrate fungicide for the control of leaf diseases on wheat and oats.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L9083 (Wet Nr. 36 van 1947)
Namibiese Registrasie Nr. N-AR 1575

'n Sistemiese emulsifiseerbare konsentraat swamdoder vir die beheer van blaarsiekte op koring en hawer.

GROUP / GROEP	3	FUNGICIDE / SWAMDODER
GROUP / GROEP	5	FUNGICIDE / SWAMDODER



DANGER

HAZARD STATEMENTS:

Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. May cause respiratory irritation. May damage fertility or the unborn child. May cause harm to breast-fed children. May cause damage to organs (Eye) through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Restricted to professional users. Contains Spiroxamine. May produce an allergic reaction.

PRECAUTIONARY STATEMENTS:

Avoid contact during pregnancy/ while nursing. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF ON SKIN: Wash with plenty of water/ soap. If eye irritation persists: Get medical advice/ attention. Call a POISON CENTER/doctor/physician if you fell unwell.

Active ingredients:

Spiroxamine (spiroketalamine)..... 250 g/l
Tebuconazole (triazole)..... 167 g/l
Triadimenol (triazole)..... 43 g/l

Aktiewe bestanddele:

Spiroxamine (spiroketalamine)..... 250 g/l
Tebuconazole (triazole)..... 167 g/l
Triadimenol (triazole)..... 43 g/l

REGISTERED BY / GEREJISTREER DEUR:

Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
P.O. Box/Posbus 143, Isando, 1600
South Africa/Suid-Afrika

TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL ASSEBLIEF : 0861 555 777

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BATCH NUMBER / LOTNOMMER: See on pack

DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr.: 1760

Bayer

RSA/0223/Prosper Trio 15L/
Back Booklet Code: ZA85749919E

WARNINGS:

HAZARD STATEMENTS:

- Harmful if swallowed or if inhaled.
- Causes severe skin burns and eye damage.
- May cause respiratory irritation.
- May damage fertility or the unborn child.
- May cause harm to breast-fed children.
- May cause damage to organs (Eye) through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.
- Restricted to professional users.
- Contains Spiroxamine. May produce an allergic reaction.

WHEAT:

- a) IF AN APPLICATION IS REQUIRED EARLIER OR UP TO THE "FLAG SHEATH OPENING" GROWTH STAGE OF THE WHEAT: DO NOT HARVEST, GRAZE OR USE HAY AS ANIMAL FEED WITHIN 80 DAYS OF LAST APPLICATION.
- b) IF A LATER APPLICATION IS REQUIRED (FROM "1ST AWNS BEING VISIBLE" UP TO "EARLY MILK" GROWTH STAGE OF THE WHEAT) THE CROP MAY NOT BE GRAZED AND THE HAY MAY NOT BE USED AS ANIMAL FEED. ALSO DO NOT HARVEST GRAIN WITHIN 56 DAYS OF LAST APPLICATION.

OATS:

THE CROP MAY NOT BE GRAZED AND THE HAY MAY NOT BE USED AS ANIMAL FEED. ALSO DO NOT HARVEST GRAIN WITHIN 56 DAYS OF LAST APPLICATION.

NOTE: The recommended withholding period between 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.

- Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate adjacent areas or crop.
- Store in a cool place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning CALL A DOCTOR AND MAKE LABEL AVAILABLE TO HIM/HER.
- **RE-ENTRY:** Do not enter treated area within 1 day after treatment 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 adjacent areas or water. Please refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

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:

PRECAUTIONARY STATEMENTS:

- Avoid contact during pregnancy/ while nursing.
- Wear protective gloves/ protective clothing/ eye protection/ face protection.
- IF ON SKIN: Wash with plenty of water/ soap.
- If eye irritation persists: Get medical advice/ attention.
- Call a POISON CENTER/doctor/physician if you fell unwell.

- Do not inhale fumes or spray mist.
- Wash contaminated clothing daily.
- Wash with soap and water after use or accidental skin contact.
- Do not eat, drink or smoke whilst mixing, applying or before washing hands and face.
- Avoid drift of spray on to other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Rinse empty container three times with a volume water equal to at least one tenth of that of the container and add the rinsing to the contents of the spray tank before disposing of the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

RELEVANT SUBSTANCES:

Formulation components	CAS Numbers	Conc. (%)
Spiroxamine	118134-30-8	25.20
Tebuconazole	107534-96-3	16.8
Triadimenol	55219-65-3	4.3
gamma-Butyrolactone	96-48-0	> 1 – < 15
N,N-Dimethyl decanamide	14433-76-2	> 20,00
Alkylaryl polyglycol ether	104376-75-2	>= 1,00 – < 25,00

FIRST AID TREATMENT:

General advice: Remove contaminated clothing immediately and dispose of safely. Move out of dangerous area. Place and transport victim in stable position (lying sideways).

Inhalation: Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

Skin contact: Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water. Call a physician or poison control center immediately.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

Symptoms: No symptoms known or expected.

Treatment: Treat symptomatically. In case of ingestion gastric lavage should be considered and in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulfate is always advisable. There is no specific antidote.

RESISTANCE MANAGEMENT:

For resistance management, **Prosper Trio** is a group code 3 & 5 fungicide. Any fungus population may contain individuals naturally resistant to **Prosper Trio** and other group code 3 & 5 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Prosper Trio** or any other group code 3 & 5 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes.
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

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

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 adjacent areas or water. Please refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

Aerial application of **Prosper Trio** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 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 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 aurally 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 meters 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.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY:

Prosper Trio can be mixed with most commonly used insecticides. However, a pre-test on the physical compatibility and a plant safety test is recommended before wide spread use of such a combination.

METHOD OF APPLICATION:

Aerial Application:

- Refer to aerial application above.
- **Apply the recommended dosage rate of Prosper Trio in 30 - 40 liters water per hectare.**

Ground Application:

- **Prosper Trio** may be applied with conventional high volume spray equipment. Calibrate the apparatus before application to ensure that the correct dosage is applied. The distribution of the spray volume must be uniform throughout the target area. Ensure good coverage of the whole plant by using enough water and suitable spraying equipment.
- **Apply the recommended dosage rate of Prosper Trio in 200 - 300 liters water per hectare.**

MIXING INSTRUCTIONS:

Pour the required quantity of **Prosper Trio** into the water while agitating.

Do not allow the **Prosper Trio** spray mixture to stand any length of time before using.

APPLICATION TABLE:

CROP/DISEASE	DOSAGE RATE	REMARKS
WHEAT:		
<p>(1) Prosper Trio should be applied at the first signs of infection before 5 % infection level is reached.</p> <p>(2) A second application 21 days after the initial application is recommended for wheat with a high yield potential, particularly in cases where the initial application was made early (first node stage) or when other diseases develop later in the season.</p> <p>(3) In cases where the wheat will not be grazed, the hay not be used as animal feed and disease development occurs late, Prosper Trio can be applied as late as the early milk stage of the wheat.</p>		
Powdery mildew (<i>Erysiphe graminis</i>) Leaf blotch (Speckled) (<i>Septoria tritici</i>) Yellow (stripe) rust (<i>Puccinia striiformis</i>) Leaf (brown) rust (<i>Puccinia triticina</i> = <i>Puccinia recondita</i>)	GROUND & AERIAL APPLICATION 500 ml/ha	Spray as soon as symptoms are noticed. Repeat application should symptoms reappear. Application must be made not later than the appearance of the flag leaf. Apply when first symptoms are noticed. Repeat application if symptoms reappear. Spray as soon as symptoms are noticed. Repeat application should symptoms reappear.
OATS: Crown rust (<i>Puccinia coronata</i>)	GROUND & AERIAL APPLICATION 300 ml/ha	Apply first application at the first signs of infection. Apply second application when infection increases or 28 days after the first application.

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WAARSKUWINGS:

GEVAARSTELLINGS:

- Skadelik indien ingestuk of ingeasem.
- Veroorsaak ernstige velbrandwonde en oogskade.
- Kan respiratoriese irritasie veroorsaak.
- Kan vrugbaarheid of die ongebore kind beskadig.
- Kan skade aan borsvoedende kinders veroorsaak.
- Mag skade aan organe (oë) veroorsaak deur langdurige en herhaaldelike blootstelling.
- Baie giftig vir waterlewende organismes met langdurige gevolge.
- Beperk tot professionele gebruikers.
- Bevat Spiroxamine. Mag allergiese reaksie veroorsaak.

KORING:

- a) INDIEN TOEDIENING PLAASVIND VOOR OF TOT EN MET DIE ONTVOUING VAN DIE VLAGBAARSKEDE VAN DIE KORING: MOENIE BINNE 80 DAE NA LAASTE TOEDIENING OES OF BEWEI OF HOOI AS DIEREVOEDING GEBRUIK NIE.
- b) INDIEN 'N LATER TOEDIENING (VANAF "1STE SIGBARE BAARD" TOT EN MET DIE "VROEË MELK" GROEI STADIUM VAN DIE KORING) BENODIG WORD, MOET DIE GEWAS NIE BEWEI WORD NIE EN DIE HOOI MOET NIE AS VOER GEBRUIK WORD NIE, EN MOET OOK NIE DIE GRAAN BINNE 56 NA DIE LAASTE TOEDIENING OES NIE.

HAWER:

MOENIE DIE GEWAS BEWEI OF DIE HOOI AS DIEREVOEDING GEBRUIK NIE EN MOENIE BINNE 56 DAE NA LAASTE TOEDIENING OES NIE.

LET WEL: Die aanbevole onthoudingsperiode tussen laaste toediening en oes voldoen aan die vereistes vir plaaslike residuvlakke maar mag dalk nie voldoen aan die vereistes vir uitvoer nie. Indien die behandelde gewas bestem is vir die uitvoermark, skakel met die betrokke uitvoerliggaam voor toediening van die produk, rakende onthoudingsperiodes.

- Stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit. Moenie aangrensende gebiede of gewasse bespuit of toelaat dat die sproeinewel daarheen oorwaai nie.
- Bewaar in 'n koel plek weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In geval van vergiftiging ONTBIED 'N GENEESHEER EN STEL HIERDIE ETIKET AAN HOM/HAAR BESKIKBAAR.
- HERBETREDING: Moenie behandelde gebied binne 1 dag na bespuiting binnegaan nie, tensy beskermende oorklere gedra word.
- LUGBESPUITING: Stel alle inwoners van die onmiddellike gebied wat bespuit gaan word in kennis en rig die nodige waarskuwings. Moenie oor water en aangrensende gebiede spuit nie en sorg dat spuitstofwegdrywing nie dergelike gebiede besoedel nie. Verwys asseblief na die SANS Gebruikskode vir lugtoediening van landbouchemikalieë.

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 BEÏNVOED KAN WORD DEUR FAKTORE SOOS ABNORMALE KLIMAATS- EN BERGINSTOESTANDE; 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 AKKURATHEID 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:

VOORSORGSTELLING:

- Vermoed kontak tydens swangerskap en borsvoeding.
- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.
- INDIEN OP VEL: Was met baie water/seep.
- Indien oogirritasie voortduur: Kry mediese advies/hulp.
- INDIEN besorg: Kry mediese hulp.

- Verhoed inaseming van dampe en spuitmis.
- Was besoedelde klere daaglik.
- Was met seep en water na gebruik of toevallige velkontak.
- Moet nie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.
- Verhoed wegdrywing van spuitstof na ander gewasse, weiding, riviere, damme of areas nie onder behandeling nie.
- Maak spuitapparaat skoon na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, riviere en damme kan besoedel nie.
- Spoel leë houer drie keer uit met 'n volume water gelyk aan ten minste een tiende van die van die houer en voeg die uitspoelwater by die inhoud van die spuittenk voordat van die houer op die voorgeskrewe metode ontslae geraak word.
- Vernietig leë houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

RELEVANTE STOWWE:

Formulation components	CAS Numbers	Conc. (%)
Spiroxamine	118134-30-8	25.20
Tebuconazole	107534-96-3	16.8
Triadimenol	55219-65-3	4.3
gamma-Butyrolactone	96-48-0	> 1 – < 15
N,N-Dimethyl decanamide	14433-76-2	> 20,00
Alkylaryl/polyglycol ether	104376-75-2	>= 1,00 – < 25,00

NOODHULPBEHANDELING:

Algemene advies: Verwyder gekontamineerde klere onmiddellik en raak op 'n veilige manier daarvan ontslae. Beweeg uit die gevaar sone uit. Plaas die pasiënt op sy/haar sy en vervoer in 'n stabiele posisie.

Inaseming: Verskuif die pasiënt na vars lug. Hou horn/haar warm en rustig en kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum.

Velkontak: Was deeglik met seep en genoegsame water en indien beskikbaar met poli etileenglikol 400 en spoel af met water. Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum

Oogkontak: Spoel oë onmiddellik uit met genoegsame water vir ten minste 15 minute, ook onder die ooglede. Verwyder kontaklense na die eerste 5 minute, indien teenwoordig en gaan voort met spoeling. Verkry mediese behandeling indien irritasie ontwikkel en voortduur. Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum

Ingesluk: MOET NIE braking veroorsaak nie. Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum. Spoel mond uit.

Simptome: Geen simptome is bekend of word verwag nie.

Behandeling: Simptomaties behandeling. Indien ingesluk moet maagspoeling oorweeg word en in geval 'n beduidende hoeveelheid ingesluk is alleenlik binne die eerste 2 ure. Die toediening van geaktiveerde koolstof en natrium sulfaat is egter altyd raadsaam. Daar is geen spesifieke teenmiddel nie.

WEERSTANDBESTUUR:

Prosper Trio is 'n groepkode 3 & 5 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **Prosper Trio** of enige ander groepkode 3 & 5 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **Prosper Trio** of enige ander groepkode 3 & 5 swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Vermy die eksklusiewe herhaaldelike gebruik van swamdoders in dieselfde swamdoder groepkode. Wissel af met, of gebruik tenkmengsels van geregistreerde produkte in verskillende swamdoder groepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siekte beheer programme.

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

LUGBESPUITING:

Stel alle inwoners van die onmiddellike gebied wat bespuit gaan word in kennis en rig die nodige waarskuwings. Moenie oor water en aangrensende gebiede spuit nie en sorg dat spuitstofwegdrywing nie dergelike gebiede besoedel nie. Verwys ook na die SANS Gebruikskode vir lugtoediening van landbouchemikalieë.

Prosper Trio kan slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118 (Aerial Application of Agricultural 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 alle volgende vereistes te voldoen:

- **Volume:** 'n Spuitmengsel volume van 30 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.
- **Druppel bedekking:** 25 tot 35 druppels per cm² 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, uitklim 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 moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binneste 60 tot 75 % van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvorteks** beweeg.
- Die verskil in **temperatuur** tussen die nat- en droëboltermometer van 'n swaaihgrometer, 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** (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.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

VERENIGBAARHEID:

Prosper Trio kan met die meeste algemene insekdoders vermeng word. 'n Vooraf toets om die fisiese mengbaarheid en plantveiligheid te bepaal, word aanbeveel voor die grootskaalse gebruik van so 'n kombinasie.

TOEDIENINGSMETODE:

Lugbespuiting:

- Verwys na lugbespuiting hierbo.
- **Dien die aanbevole toedieningshoeveelheid van Prosper Trio toe in 30 - 40 liter water per hektaar.**

Grondtoediening:

- **Prosper Trio** 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 spuitvolume moet egalig oor die teikengebied wees. Verseker goeie bedekking van die hele plant deur genoegsame water en geskikte spuittoerusting te gebruik.
- **Dien die aanbevole toedieningshoeveelheid van Prosper Trio toe in 200 - 300 liter water per hektaar.**

MENGINSTRUKSIES:

Voeg die nodige hoeveelheid **Prosper Trio** by die water terwyl dit geroer word. Moenie toelaat dat die **Prosper Trio** spuitmengsel vir enige tydskedure staan voor gebruik nie.

TOEDIENINGSTABEL:

GEWAS/SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
KORING: (1) Prosper Trio behoort toegedien te word met eerste tekens van besmetting voordat 'n 5 % besmettingsvlak bereik is. (2) 'n Tweede toediening, 21 dae na die eerste toediening, word aanbeveel vir koring met 'n hoë oespotensiaal, veral in gevalle waar die eerste toediening vroeg (eerste node stadium) aangewend is, of wanneer ander siektes later in die seisoen ontwikkel. (3) In gevalle waar die koring nie bewei gaan word nie, die hooi nie as diere voeding gebruik gaan word nie en siekteontwikkeling laat in die seisoen voorkom, kan die tweede toediening van Prosper Trio so laat as die “vroeë melk stadium” van die koring toegedien word.		
Poeieragtige skimmel (<i>Erysiphe graminis</i>)	GROND & LUGTOEDIENING 500 ml/ha	Dien toe sodra simptome waargeneem word. Herhaal toediening indien simptome weer voorkom.
Vaalblaar (<i>Septoria tritici</i>)		Toediening moet nie later as die verskyning van vlagblaar geskied nie.
Streeproes (geelroes) (<i>Puccinia striiformis</i>)		Dien toe sodra simptome waargeneem word. Herhaal toediening indien simptome weer voorkom.
Blaarroes (bruinroes) (<i>Puccinia triticina</i> = <i>Puccinia recondita</i>)		Dien toe sodra simptome waargeneem word. Herhaal toediening indien simptome weer voorkom.
HAWER: Kroonroes (<i>Puccinia coronata</i>)	GROND & LUGTOEDIENING 300 ml/ha	Dien eerste bespuiting toe sodra eerste tekens van besmetting opgemerk word. Dien tweede bespuiting toe wanneer siektedruk toe neem of 28 dae na eerste bespuiting.

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