

FORTRESS PRO

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

GEBRUIKSAANWYSYNGS INGESLUIT
Lotnummer
Datum van vervaardiging

VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK

FORTRESS PRO

FUNGICIDE



Reg. No. L10638, Act/Wet No. 36 of/van 1947 1: 11/04/2019

A suspension concentrate broad spectrum fungicide with systemic, translaminar and contact properties for the preventative control of fungal diseases on crops as listed.

'n Suspensiekonsentraat breëspektrum swamdoder met sistemiese-, translaminêre en kontakeienskappe vir die beheer van siektes op gewasse soos aangedui.

FRAC FUNGICIDE GROUP CODE	3,11	FRAC SWAMDODERGROEPKODE
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ACTIVE INGREDIENTS / AKTIEWE BESTANDELE		
Cyproconazole (Triazole)	80 g/ℓ	Siprokonasool (triasool)
Azoxystrobin (Strobilurin)	200 g/ℓ	Asoksistrobien(strobilurien)

Registration Holder / Registrasiehouer
Meridian Agrochemical Company (Pty.) Ltd. / (Edms.) Bpk.
Reg. No. 2000/010819/07
P.O. Box / Posbus 436, Modderfontein, 1645, South Africa / Suid-Afrika

20ℓ

UN Number: 3082



DIRECTIONS FOR USE ENCLOSED
Batch Number
Date of manufacture

REFER TO DETAILS AS PRINTED
ON CONTAINER / BAG



CAUTION / VERSIGTIG



WARNINGS

Allow the following number of days between last application and harvest.

Barley	63 days
Wheat	63 days

IMPORTANT: The recommended withholding period between last application and harvest meets local residue level requirements, but may not meet export requirements. If treated crops are intended for export, consult the relevant exporting regulatory body regarding withholding periods before applying a **Fortress Pro** spray programme.

- Handle with care.
- Harmful if swallowed.
- May cause irritation to eyes and to skin.
- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Store under lock and key in original container tightly closed and in a dry, cool, well-ventilated area.
- Store away from sources of ignition and away from foodstuffs, fertilisers and seeds.
- Keep out of reach from children, uninformed persons and animals.
- **Fortress Pro** has been tested on some of the most important commercial cultivars without any phytotoxic effects. More susceptible cultivars may be released in the future, which need to be tested; for this apply **Fortress Pro** to a limited test area before commercial applications are made.
- **Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.

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 the 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 inhale fumes or spray mist.
- Avoid contact with eyes and skin. The use of protective equipment such as a face mask and suitable gloves is recommended.
- Do not eat, drink or smoke while preparing or applying the spray mix, or before washing face and hands.
- Wash hands, arms and face thoroughly with non-abrasive soap and water after use, or in the case of accidental skin contact.
- Wash contaminated clothing after use.
- Avoid spray drift onto other crops, grazing, rivers, dams and other areas not under treatment.
- Do NOT apply to areas where surface water is present.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Clean equipment before and after use. Dispose of wash water where it will not contaminate crops, pastures, rivers, dams or other water sources.
- Container disposal: Invert the empty container over the spray tank and allow to drain for at least 30 seconds after the flow has slowed to a drip. Rinse the empty container three times with a volume of water equal to a minimum of a third of the container volume. Add rinsings to the contents of the spray tank before destroying the container in the prescribed manner. Destroy empty containers by perforating and flattening before disposal by an approved chemical waste disposal facility or at a licensed landfill site according to local regulations. If recycling, replace cap and take containers to the designated recycling point. Do NOT contaminate rivers by disposal. Open burning or dumping of the empty container and its contents are prohibited.
- DO NOT use the empty container for any other purpose.

MODE OF ACTION

Fortress Pro is a broad-spectrum systemic fungicide with translaminar and contact properties. It contains azoxystrobin, which is a quinone outside inhibitor. It inhibits mitochondrial respiration by blocking electron transfer between cytochrome b and cytochrome c1, at the ubiquinol oxidizing site. It is a fungicide with protectant, curative, eradicator, translaminar and systemic properties that inhibits spore germination and mycelial growth, and also shows antispore activity. **Fortress Pro** also contains the active ingredient cyproconazole which is a sterol demethylation inhibitor. It is a systemic fungicide with protective, curative and eradicator action which is absorbed rapidly by the plant, with translocation acropetally.

RESISTANCE MANAGEMENT

For resistance management, **Fortress Pro** is a group code 3 and 11 fungicide. Any fungus population may contain individuals naturally resistant to **Fortress Pro** and other group code 3 and 11 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Fortress Pro** or any other group code 3 or 11 fungicide.

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.
- The choice of products to be used during one growing season should take the resistance strategy into consideration.
- Refer to individual product labels when alternating products or when using tank mixtures with registered products.
- Maintain fungicide use records for each field.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

Since the occurrence of resistance cannot be forecast, users are advised to keep treated crops under close observation. If treatment is not effective following the use of **Fortress Pro** as recommended, a resistant strain may be present. If a resistant strain is positively identified, consideration should be given to prompt use of a fungicide with a different mode of action, for which there is no record of resistance to the relevant disease. Meridian Agrochemical Company (Pty) Ltd will not accept any liability for performance failures in the event of a build-up of disease resistance resulting from inadequate resistance management practices as indicated on the label. For specific information on resistance management, contact the registration holder of this product or visit the FRAC website <http://www.frac.info/frac/index.html>.

USE RESTRICTIONS

- Under severe drought conditions the uptake and activity of systemic products may be reduced. Therefore, **Fortress Pro** should not be applied during such conditions.
- **Fortress Pro** should always be applied preventatively as prescribed in the recommendations table.
- **Fortress Pro** must be applied as a full cover spray.
- Always use the dosage rates as recommended on the label.
- Never use **Fortress Pro** as a corrective or curative application or after any unsuccessful application of any product.

DIRECTIONS FOR USE

Use only as directed.

MIXING INSTRUCTIONS

Shake the container thoroughly immediately before use. Half fill the spray tank with clean water. Do not use brackish water. Whilst agitating, add the recommended amount of **Fortress Pro** to the spray water and continue filling the tank to the required volume. Ensure the mixture is homogenous before application and agitate before and during application. When using **Fortress Pro** in tank mix

combinations, full cognisance must be taken of all warnings, precautions and directions for use on that particular product's label. First, mix small quantities of the products separately with water. Check for any signs of incompatibility such as flocculation etc. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.** If spraying is interrupted, the spray mixture in the tank should be agitated properly before spraying commences.

COMPATIBILITY

The compatibility of **Fortress Pro** with other products depends on the formulations of the respective products, as well as the quality of the spray water to be used. As formulations change from time to time, it is recommended that a physical compatibility test be done prior to the tank mixture being made. Meridian Agrochemical Company (Pty) Ltd cannot be held responsible for damage to crops resulting from tank mixtures with products or formulations not tested.

APPLICATION METHODS

Always ensure that the application equipment to be used is correctly calibrated and in good working condition. Use the spray volumes as indicated in the relevant tables to ensure good coverage of the plants. Ensure thorough agitation of the mixture in the tank during mixing and spraying.

Influence of rain on application: Repeat application should it rain within two hours after application.

GROUND APPLICATION

Fortress Pro may be applied with conventional high volume spray equipment. Calibrate the apparatus before application to ensure that the correct dosage is applied. Ensure uniform distribution of the spray volume throughout the target area. Use enough water and suitable spraying equipment to ensure good coverage of the entire plant.

AERIAL APPLICATION

Aerial application may only be done by a registered aerial application operator using a registered and correctly calibrated aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Remedies). It is important to 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:

Equipment

- Use suitable atomising equipment that will produce the desired droplet size and coverage of the target area and will ensure the minimum loss of product through drift.
- The operator must use a nozzle set-up that will produce a droplet spectrum with the lowest possible relative span.
- All nozzles and atomisers should be positioned within the inner 60-75% of the wingspan to prevent droplets from entering the wingtip vortices.

Application Parameters

- A volume of 30 - 40 ℓ spray mixture per ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy nor be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended.
- A droplet coverage of 25 – 35 droplets per square cm must be recovered at the target.
- A droplet spectrum with a VMD of 280 – 300 microns is recommended. Ensure that the production of fine droplets, with a VMD less than 150 microns, is restricted to a minimum.
- The height of the spray boom should be maintained at between 3 and 4m above the target.
- Do not spray when the aircraft is in a climb, at the top of a turn or during a dive or when banking.

Meteorological Conditions

- The difference between the wet and dry bulb readings, as determined using a whirling hygrometer, must not exceed 8 °C.
- Do not spray under turbulent, unstable conditions or during the heat of the day when rising thermals and downdraughts occur.
- Do not spray under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions as this may cause:

- i. Reduced efficacy due to suspension and evaporation of small droplets in the air (Which leads to inadequate coverage).
 - ii. Damage to other sensitive crops and/or non-target areas through drifting of the spray cloud away from the targeted area.
- Do not spray when the wind speed exceeds 15 km per hour.

General

- Ensure that fields are accurately marked and 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 the relevant data will be compiled in a logbook and kept for future reference.**

RECOMMENDATIONS

CROP & DISEASE	DOSAGE RATE	REMARKS
BARLEY Leaf Rust <i>(Puccinia hordei)</i> Net Blotch <i>(Pyrenophora teres)</i>	Ground and aerial application: 500 ml/ha	Apply at the first signs of disease, but not later than the 6-leaf stage (BBCH 37 – 51). Follow up with a second application 21 – 28 days later. Do not make more than two applications of Fortress Pro to barley in the same growing season. Tractor application: 200 – 300 L water/ha Aerial application: 30 – 40 L water/ha
BARLEY & WHEAT Powdery Mildew <i>(Erysiphe graminis)</i>	Ground and aerial application: 500 ml/ha	Apply at the first signs of disease, but not later than the 6-leaf stage. Optimum time for this application is between the flag leaf and ear emergence stages (BBCH 37 – 51). Follow up with a second application 21 – 28 days later. Do not make more than two applications of Fortress Pro to barley or wheat in the same growing season. Tractor application: 200 – 300 L water/ha Aerial application: 30 – 40 L water/ha

WAARSKUWINGS

Laat die volgende aantal dae toe tussen laaste toediening en oes:

Gars63 dae
Koring63 dae

BELANGRIK: Die aanbevole onthoudingsperiode tussen die laaste toediening en oes voldoen aan plaaslike residuvereistes, maar dit mag dalk nie aan buitelandse uitvoervereistes voldoen nie. Indien die behandelde gewas vir die buiteland bestem is, moet die relevante uitvoerinstansie genader word rakende die onthoudingsperiode voordat 'n **Fortress Pro**-spuitprogram gevolg word.

- Hanteer versigtig.
- Skadelik indien ingesluk.
- Mag oog- en velirritasie veroorsaak.
- Giftig vir akwatiese organismes; mag langtermyn negatiewe invloed op wateromgewing veroorsaak.
- Bêre agter slot-en-grendel in die oorspronklike digsluitende houër in 'n droë, koel en goed-geventileerde plek.
- Bêre buite bereik van ontvlambare stowwe en weg van voedsel, kunsmis en saad.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Fortress Pro** is sonder enige fitotoksiseitskade op die mees belangrikste kommersiële kultivars getoets. Meer sensitiewe kultivars mag in die toekoms vrygestel word wat eers getoets moet word; hiervoor moet **Fortress Pro** eers op 'n klein toetsoppervlakte aangewend word, alvorens groot kommersiële bespuitings gemaak word.
- **Herbetreding:** Moenie behandelde gebied betree alvorens spuitneerslag droog is nie, tensy beskermende oorklere gedra word.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond-, klimaats- en bergingstoestande; kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die siektes teen die betrokke middel, sowel as die metode, tyd en akkuraatheid van die toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige invloede 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

- Moenie die dampe of spuitnewel inasem nie.
- Verhoed kontak met oë en vel. Die gebruik van beskermende toerusting soos gesigmasker en geskikte handskoene word aanbeveel.
- Moenie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Was hande, arms en gesig deeglik met nie-skurende seep en water na gebruik, of in die geval van toevallige velkontak.
- Was besoedelde klere onmiddellik na gebruik.
- Vermoed wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en ander gebiede wat nie behandel moet word nie.
- MOENIE oor areas toedien waar oppervlakwater teenwoordig is nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.
- Maak toedieningsapparaat voor en na gebruik skoon. Uitspoelwater moet nie gewasse, weidings, riviere, damme of ander waterbronne besoedel nie.
- Wegdoen van houër: Keer die leë houër om oor die spuitenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houër daarna **drie keer** uit met 'n volume water gelykstaande aan 'n minimum van een derde van die inhoud van die houër. Gooi die spoelwater by die inhoud van die spuitenk voordat die houër op die voorgeskrywe manier vernietig word. Vernietig leë houers deur gate daarin te maak en dit plat te maak voordat dit na 'n goedgekeurde chemiese afvalverwerkingsfasiliteit of gelisensieerde stortingssterrein volgens plaaslike regulasies geneem word. Indien dit herwin word, plaas deksel op houër en neem na aangewese herwinningspunt. MOENIE riviere met houers besoedel nie. Verbranding en storting van leë houers en inhoud daarvan, is streng verbode.

- MOENIE die houer vir enige ander doel gebruik nie.

METODE VAN WERKING

Fortress Pro is 'n breëspektrum sistemiese swamdoder met translaminêre- en kontakteienskappe. Dit bevat asoksistrobien, wat 'n kinoon buite-inhiberende is. Dit inhibeer mitochondriale respirasie deurdat dit die elektronoordrag tussen sitochroom b en sitochroom c1 by die ubiquinol oksiderende-area blokkeer. Dit is 'n swamdoder met beskermende, genesende, uitwissende en sistemiese eienskappe wat spoorontkieming en miseliumgroei inhibeer en ook anti-sporale werking aandui. **Fortress Pro** bevat ook die aktiewe bestanddeel siprokonasool wat 'n steroldemetilering-inhibeerder is. Dit is 'n swamdoder met beskermende, genesende en uitwissende eienskappe wat vining deur die plant geabsorbeer word met akropetale translokasie.

WEERSTANDBESTUUR:

Vir weerstandsbestuur is **Fortress Pro** 'n groeppkode 3 en 11 swamdoder. Enige swampopulasie mag individue insluit wat 'n natuurlike weerstand teen **Fortress Pro** of enige ander groeppkode 3 en 11 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandige swamme sal waarskynlik nie deur **Fortress Pro** of enige ander groeppkode 3 en 11 swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Vermy die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groeppkode. Wissel af met, of gebruik tenkmengsels van, geregistreerde produkte in verskillende swamdodergroeppcodes.
- Die produkkeuses wat gedurende een groeiseisoen gebruik gaan word moet die weerstandstrategie in ag neem.
- Sien toepaslike individuele produktetikette wanneer middels afgewissel word of tenkmengsels met geregistreerde produkte gebruik word.
- Hou swamdoderrekords van al die lande.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siektebeheerprogramme

Aangesien die voorkoms van weerstandbiedendheid moeilik is om te bepaal, is dit uiters belangrik om die behandelde gewasse noukeurig te ondersoek. Indien die behandeling nie effektief is met die gebruik van **Fortress Pro** soos voorgeskryf nie, mag daar 'n weerstandbiedende-populasie (swamras) teenwoordig wees. Indien so 'n weerstandbiedende-populasie positief geïdentifiseer word, moet daar onmiddellik 'n swamdoderbespuiting wat 'n ander werkswyse het, waar daar geen bewys van weerstand teen die siekte voorkom, gedoen word. Meridian Agrochemical Company (Edms.) Bpk. sal geen verantwoordelikheid aanvaar vir enige gebrek aan prestasie in die geval van die opbou van siekteweerstand as gevolg van onvoldoende weerstandsbestuurspraktyke soos aangedui op die etiket nie. Vir spesifieke inligting oor weerstandsbestuur kan die registrasiehouer van hierdie produk gekontak word of die FRAC webwerf by <http://www.frac.info/frac/index.html> besoek word.

GEBRUIKSBEPERKINGS

- Onder ernstige droogtetoestande mag die opname en werking van die sistemiese produk verswak.
- **Fortress Pro moet altyd voorkomend aangewend word** soos onder aanbevelings beskryf word.
- **Fortress Pro** moet as 'n volle dekbespuiting aangewend word.
- Gebruik altyd die dosis soos op die etiket aanbeveel.
- Moet nooit **Fortress Pro** as 'n korrektiewe of genesende behandeling aanwend nie, of toedien na 'n onsuksesvolle toediening van 'n ander middel.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

Skud die houer deeglik net voor gebruik. Vul die spuitenk halfvol met skoon water. Moenie brakwater gebruik nie. Voeg die verlangde hoeveelheid **Fortress Pro** by die spuitwater terwyl dit geroer word en

maak tenk vol tot by die verlangde volume. Verseker dat die mengsel voor bespuiting homogeen is en roering moet voor en tydens toediening plaasvind. Indien **Fortress Pro** in tenkmengsels met ander produkte gebruik word, moet aandag aan al die waarskuwings, voorsorgmaatreëls en gebruiksaanwysings op daardie spesifieke produketiket gegee word. Eerstens moet 'n klein hoeveelheid van die produkte apart met water gemeng word. Let op vir enige tekens van onverenigbaarheid soos flokkulasie ens. **Tenkmengsels moet onmiddellik uitgespuit word en nie toegelaat word om in die spuittenk oornag te staan nie.** Indien bespuiting onderbreek word, moet deeglike roering plaasvind voordat met bespuiting voortgegaan word.

VERENIGBAARHEID

Die verenigbaarheid van **Fortress Pro** met ander produkte sal van die formulerings van die onderskeie produkte afhang, asook van die kwaliteit van die verdunningswater wat gebruik word. Soos formulerings van tyd tot tyd verander, is dit raadsaam om eers 'n fisiese verenigbaarheidstoets te doen, voordat tenkmengsels gemaak word. Meridian Agrochemical Company (Edms.) Bpk. kan nie verantwoordelik gehou word vir skade aan gewasse a.g.v. tenkmengsels met produkte of formulerings wat nie getoets is nie.

TOEDIENINGSMETODES

Maak seker dat die spuittoerusting korrek gekalibreer is en in goeie werkende toestand is. Verseker goeie bedekking van gewasse deur die spuitvolumes in die onderskeie tabelle te gebruik. Verseker deeglike roering van die mengsel gedurende vermeniging en toediening.

Invloed van reën op toediening: Indien dit binne twee ure na toediening sou reën, herhaal die bespuiting.

GRONDTOEDIENING

Fortress Pro kan met konvensionele hoë-volume toerusting toegedien word. Kalibreer die spuittoerusting voor toediening om te verseker dat die korrekte dosis toegedien word. Die verspreiding van die spuitstof moet egalig oor die teikengebied wees. Gebruik genoegsame water en geskikte spuittoerusting om goeie bedekking van die hele plant te verseker.

LUGTOEDIENING

Lugtoediening mag slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Remedies) gedoen word. Dit is belangrik om te verseker dat die spuitmengsel eweredig oor die teikenarea versprei word en dat die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is dus belangrik om aan die volgende vereistes te voldoen:

Toerusting

- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar wat die minste verlies van produk deur wegdrywing sal verseker.
- Die operateur moet 'n spuitkopstelsel opstel wat 'n druppelspektrum met die kleinste moontlike relatiewe spanwydte sal produseer.
- Al die spuitkoppe en atomiseerders moet in die binneste 60 - 75% van die vlerkspan geplaas word om te verhoed dat die druppels binne-in die vlerkvorteks inbeweeg.

Toedieningsparameters

- 'n Minimum volume van 30-40 l spuitmengsel per hektaar word aanbeveel. Aangesien hierdie produk nie teen 'n verlaagde volume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effek indien hierdie produk teen 'n laer volume as hierbo aanbeveel, uit die lug toegedien word nie.
- 'n Druppelbedekking van 25 - 35 druppels per vierkante cm moet op die teikenarea herwin word.
- 'n Druppelspektrum met 'n VMD van 280 - 300 mikron word aanbeveel. Verseker dat die produksie van fyn druppels (kleiner as 150 mikron) tot 'n minimum beperk word.
- Die hoogte van die spuitbalk moet tussen 3 en 4 meter bokant die teiken gehandhaaf word.
- Moenie spuit wanneer die vliegtuig besig is om te klim, te draai, te duik, of terwyl dit uitklim nie.

Meteorologiese Toestande

- Die verskil tussen die nat- en droëbollesing, soos met 'n swaaihigrometer bepaal, moet nie 8°C oorskry nie.

- Moenie tydens turbulente, onstabiele toestande, of gedurende die hitte van die dag wanneer stygende en dalende konveksie-windbewegings plaasvind, toedien nie.
- Moenie tydens temperatuur-inversie-toestande (deur bokant of binne-in die inversielaag te spuit) en/of gedurende hoë humiditeitstoestande toedien nie, aangesien dit kan lei tot:
 - i. Verlaagde effektiwiteit a.g.v. suspensie of verdamping van klein druppels in die lug (wat tot onvoldoende bedekking op teikenarea lei).
 - ii. Skade aan ander sensitiewe gewasse en/of nie-teikenareas deur wegdrywing van die spuitwolk vanaf die teikenarea.

Moet nie spuit wanneer die windspoed 15 km per uur oorskry nie.

Algemeen

- Verseker dat die lande akkuraat gemerk is en dat die spuitoperateur presies weet watter lande gespuit moet word.
- **Verkry die versekering van die spuitoperateur dat aan die bogenoemde vereistes voldoen sal word en dat die toepaslike data in 'n logboek vir latere verwysing opgeteken sal word.**

AANBEVELINGS

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
GARS Bruinroes <i>(Puccinia hordei)</i> Netvlek <i>(Pyrenophora teres)</i>	Grond- en lugtoediening: 500 ml/ha	Dien toe met eerste tekens van siekte, maar nie later as die 6-blaarstadium (BBCH 37 – 51) nie. Volg 21 – 28 dae later op met tweede bespuiting. Moenie meer as twee toedienings van Fortress Pro op gars in dieselfde groeiseisoen maak nie. Trekkertoediening: 200 – 300 L water/ha Lugtoediening: 30 – 40 L water/ha
GARS & KORING Witroes (Poeieragtige skimmel) <i>(Erysiphe graminis)</i>	Grond- en lugtoediening: 500 ml/ha	Dien toe met eerste tekens van siekte, maar nie later as die 6-blaarstadium nie. Die optimale tyd vir hierdie toediening is tussen die vlagblaar- en aarverskyningstadium (BBCH 37 – 51). Volg 21 – 28 dae later op met tweede bespuiting. Moenie meer as twee toedienings van Fortress Pro op gars of koring in dieselfde groeiseisoen maak nie. Trekkertoediening: 200 – 300 L water/ha Lugtoediening: 30 – 40 L water/ha