



FLUZOXY

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY		
VERWYS NA BESONDERHEDE SOOS OP HOUER / SAK GEDRUK GEbruiksaanwysings ingesluit Lotnommer Datum van vervaardiging DIRECTIONS FOR USE ENCLOSED REFER TO DETAILS AS PRINTED ON CONTAINER / BAG Batch Number Date of manufacture		
FLUZOXY FUNGICIDE		
Reg. No. L10731, Act/Wet No. 36 of/van 1947 1: 30/09/2019		
A suspo-emulsion fungicide with protectant, curative and systemic properties for the control of diseases on crops as listed. 'n Suspo-emulsie swamdoder met beskermende, genesende en sistemiese eienskappe vir die beheer van siektes op gewasse soos aangedui.		
FRAC FUNGICIDE GROUP CODE	11 & 3	FRAC SWAMDODERGROEPKODE
ACTIVE INGREDIENTS / AKTIEWE BESTANDDELE		
Azoxystrobin (strobilurin)	125 g/ℓ	Asoksistrobien (strobilurien)
Flusilazole (triazole)	125 g/ℓ	Flusilasool (triasool)
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		
ℓ UN Number: 3082		
CAUTION / VERSIGTIG		

WARNINGS

Withholding periods

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

Groundnuts.....	42 days
Maize.....	21 days
Onions.....	28 days

IMPORTANT: The recommended withholding period between last application and harvest meets local residue requirements but may not meet export requirements.

- Handle with care.
- Harmful if swallowed, inhaled or absorbed through the skin.
- May cause irritation to eyes and skin.
- Store under lock-and-key in a cool, dry place away from food, feed and fertilisers.
- Avoid storage in temperatures below -5°C and above 25°C.
- Keep away from children, uninformed persons and animals.
- **Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **Aerial application:** Notify all the inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow the drift to contaminate water or adjacent areas.
- **In case of poisoning contact a doctor and make this label available to him/her.**

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

- Avoid contact with eyes, skin and inhalation of fumes and spray mist as product may cause eye and skin irritation.
- Wear protective clothing (e.g. rubber gloves) and face shield when preparing the spray mixture and during spraying.
- In case of direct contact with skin, wash immediately with soap and water.
- In case of direct eye contact, rinse for at least 15 minutes with clean water, remove contact lenses if present.
- Wash contaminated clothing daily, wash yourself.
- Do not eat, drink or smoke while preparing or applying the spray mix or before washing face and hands.
- Avoid drift of spray mist onto other crops, grazing, rivers, dams and other areas not under treatment.
- Clean equipment before and after use. Dispose of wash water where it will not contaminate crops, pastures, rivers, dams or other water sources.
- 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 30% of that of the container. 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 burning or burying in a safe way and do not use for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Do not apply **FLUZOXY** to any crop or situation not mentioned in this label.
- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label. Meridian Agrochemical Company (Pty) Ltd accepts no responsibility for any negative effects experienced if the instructions on this label are not adhered to, unless a Meridian representative was consulted beforehand.

- If **FLUZOXY** is used in a tank mix with other recommended products, consideration should be given to the restrictions of those respective products.

MODE OF ACTION

FLUZOXY is a suspo-emulsion formulation with protectant, curative and systemic properties for the control of economically important diseases. **FLUZOXY** contains azoxystrobin, a fungicide of the chemical class strobilurins and is a Quinone outside inhibitor fungicide. The biochemical mode of action of azoxystrobin is mitochondrial respiration inhibition by obstruction of electron transfer in the mitochondria of the cell between cytochrome b and cytochrome C₁ at the ubiquinol oxidising site. On the plant surface, the primary biological mode of action is the inhibition of spore germination and mycelia growth and shows antispore activity.

FLUZOXY also contains flusilazole. Flusilazole is a systemic fungicide with protective and curative action. It is resistant to wash-off, is redistributed by rainfall and has vapour phase activity. Flusilazole inhibits ergosterol biosynthesis.

RESISTANCE MANAGEMENT

For resistance management, **FLUZOXY** is a group code 11 and 3 fungicide. Any fungus population may contain individuals naturally resistant to **FLUZOXY** and other group code 11 and 3 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **FLUZOXY** or any other group code 11 and 3 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.
- Refer to individual product labels when alternating products or when using tank mixtures with registered products.
- A spray programme of mixtures or alternations with remedies with a different mode of action may delay resistant strain build-up.
- 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 **FLUZOXY** 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>.

DIRECTIONS FOR USE

Use only as directed.

USE RESTRICTIONS

- Under severe drought conditions the uptake and activity of systemic products may be reduced. Therefore, **FLUZOXY** should not be applied during such conditions.
- Do not reduce the dosage rates below that recommended on the label.
- When tank mixing or alternating with other fungicides, use registered mixing partners that provide satisfactory disease control when applied alone at the mixing rate.

MIXING INSTRUCTIONS

Half fill the spray tank with clean water. Shake the container of **FLUZOXY** well before use. Add the recommended amount of **FLUZOXY** to the spray water in the tank while agitation is continued and fill to the top with water. **After the spray tank is filled and during the spraying, the mixture should be constantly agitated until the spray tank is empty.** If spraying is interrupted, the spray mixture in the tank should be agitated properly before spraying is commenced.

If **FLUZOXY** needs to be used 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. Pre-mix the required volume of the tank mix partner in a mixing tank with 10L of water. Agitate the water in the spray tank and then add the products in the following sequence (as applicable): acidifier/buffer or adjuvant, suspension concentrates, water soluble concentrates, emulsifiable concentrates. Ensure constant agitation. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.**

COMPATIBILITY

The compatibility of **FLUZOXY** 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 INSTRUCTIONS

Ground Application:

FLUZOXY can be applied using conventional high-volume spray equipment. Make sure that the applicator being used is properly calibrated and in good working condition. Ensure good coverage of crops by using the spray volumes as indicated in the relevant tables. Do not let the spray overlap as this can lead to crop damage. Ensure that the spray volume is applied uniformly throughout the targeted area.

Aerial Application:

Avoid chemical drift at all times.

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 (hydraulic nozzles or rotary atomisers) 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 minimum 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 aerially 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 draughts 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. Indicate adjacent environmentally sensitive areas or sensitive neighbouring crops, beehives or water sources that could be affected by the pesticide.
- 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
GROUNDNUTS Early leaf spot <i>(Cercospora arachidicola)</i>	400 ml / ha + a suitable non-ionic adjuvant	Apply two (2) consecutive sprays at 2-week intervals starting at first signs of disease. Do not exceed two (2) applications of FLUZOXY per season. Tractor application: 300 – 400 l water / ha. Aerial application: 30 – 40 l water / ha.
MAIZE Northern leaf blight <i>(Exserophilum turcicum)</i> Rust <i>(Puccinia sorghi)</i>	Ground and aerial application 300 - 500 ml / ha + suitable adjuvant such as H&R Crop Oil	Apply the first application at the 5 – 6 leaf stage or sooner, when disease symptoms are noticed on the basal 3 – 5 leaves or before the infection level reaches 3% of the total leaf surface. Apply then 1 – 2 more applications at 3-week intervals. Use the higher rate under high disease pressure and the lower rate at low disease pressure. Ensure good coverage. Tractor application: 300 - 500 l water / ha. Aerial application: 30 – 40 l water / ha.
ONIONS Purple Blotch <i>(Alternaria Porri)</i>	800 ml / ha + suitable adjuvant such as H&R Crop Oil	Start applications when the leaf bases start to thicken, or later in the season when the risk of disease development is high. Apply a 2nd application 14 days later. Apply as a full cover preventative spray and ensure thorough coverage. Tractor application: 500 l water / ha. Aerial application: 30 – 40 l water / ha.

ACKNOWLEDGEMENT OF TRADEMARKS

H&R Crop oil (L 6802)

H&R Global Special Product Sales (Pty) Ltd.

WAARSKUWINGS

Onthoudingsperiodes

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

Grondbone.....	42 dae
Mielies.....	21 dae
Uie.....	28 dae

BELANGRIK: Die aanbevole onthoudingsperiode tussen laaste toediening en oes voldoen aan plaaslike residuvlakke, maar mag dalk nie aan die vereistes vir uitvoer voldoen nie.

- Hanteer versigtig.
- Skadelik indien ingesluk, ingeasem of deur vel geabsorbeer word.
- Mag oog- en velirritasie veroorsaak.
- Bêre agter slot-en-grendel in 'n koel, droë plek weg van voedsel, voer en kunsmis.
- Vermoed berig in temperature onder -5°C en bokant 25°C.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moenie behandelde gebied betree alvorens spuitneerslag droog is nie, tensy beskermende oorklere gedra word.
- **Lugtoediening:** Stel al die inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moenie oor aangrensende gebiede of oor water spuit, of toelaat dat die wegdrywing die water of aangrensende gebiede besoedel nie.
- **In geval van vergiftiging, kontak 'n dokter en wys die etiket aan hom/haar.**

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.

VOORSORGMAATREËLS

- Vermoed kontak met die oë, vel en die inaseming van dampe en spuitnewel, aangesien die produk oog- en velirritasie mag veroorsaak.
- Dra beskermende klere (bv. rubberhandskoene) en gesigskerm tydens die vermenging en aanwending van die spuitmengsel.
- In die geval van direkte velkontak, was onmiddellik met seep en water.
- In die geval van direkte oogkontak, spoel vir ten minste 15 minute met skoon water en verwyder kontakklere indien teenwoordig.
- Was besoedelde klere daagliks en was jouself.
- Moenie eet, drink of rook tydens vermenging of toediening van die produk of voordat gesig en hande gewas is nie.
- Vermoed wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie behandel moet word nie.
- Maak toedieningsapparaat voor en na gebruik skoon. Uitspoelwater moet nie gewasse, weidings, riviere, damme of ander waterbronne besoedel nie.
- Keer die leë houer om oor die spuitteknik of mengbak en dreineer vir minstens 30 sekondes nadat die vloeitot 'n gedrup verminder het. Spoel die houer daarna **drie keer** uit met 'n volume water gelykstaande aan 'n minimum van 30% van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuitteknik voordat die houer op die voorgeskrywe manier vernietig word.
- Vernietig die leë houer deur gate daarin te kap en plat te slaan voordat dit op 'n veilige manier verbrand of begrawe word en vir geen ander doel gebruik word nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.
- Moenie **FLUZOXY** op enige gewas of situasie aanwend wat nie in die voorskrifetiket verskyn nie.
- Moenie hierdie produk in kombinasie of tenkmengsel met enige ander produk of landboumiddel gebruik wat nie spesifiek op hierdie etiket gelys is nie. Meridian Agrochemical Company (Edms.) Bpk. aanvaar geen verantwoordelikheid vir enige negatiewe gevolge indien die instruksies op die etiket nie nagekom word nie, tensy 'n Meridian verteenwoordiger vooraf geraadpleeg is.

- Indien **FLUZOXY** in 'n tenkmengsel met ander aanbevole produkte gebruik word, moet oorweging aan die beperkings van daardie betrokke produkte geskenk word.

METODE VAN WERKING

FLUZOXY is 'n suspo-emulsie formulering met beskermende, genesende en sistemiese eienskappe vir die beheer van ekonomiese belangrike siektes. **FLUZOXY** bevat asoksistrobien, 'n swamdoder in die stobilurien chemiese groep wat 'n Kinoon buite-inhiberende swamdoder is. Die biochemiese metode van werking van asoksistrobien is die inhibering van mitochondriale respirasie deurdat dit die elektronoordrag in die mitochondria van die sel tussen sitochroom b en sitochroom C1 by die ubiquinol oksiderende-area blokkeer. Op die plantoppervlak is die primêre biologiese metode van werking die inhibering van spoorontkieming en miseliumgroei en wys ook anti-sporulering aktiwiteit.

FLUZOXY bevat ook flusilasool. Flusilasool is 'n sistemiese swamdoder met beskermende en genesende kenmerke. Dit is bestand teen 'afwas', word deur reënval herversprei en het dampfase aktiwiteit. Flusilasool inhibeer ergosterolbiosintese.

WEERSTANDBESTUUR

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

Om weerstand teen swamdoders te vertraag:

- Vermyn die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van, geregistreerde produkte in verskillende swamdodergroepcodes.
- Sien toepaslike individuele produketikette wanneer middels afgewissel word of tenkmengsels met geregistreerde produkte gebruik word.
- 'n Spuitprogram met mengsels of afwisselende middels met 'n ander metode van werking mag die opbou van weerstandigheid vertraag.
- 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 **FLUZOXY** 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.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

GEBRUIKSBEPERKINGS

- Onder ernstige droogtetoestande mag die opname en werking van sistemiese middels verminder. Daarom, moet **FLUZOXY** nie onder sulke omstandighede toegedien word nie.
- Moenie die dosis na onder dié van die etiket aanbeveling verminder nie.
- Wanneer van tenkmengsels of afwisseling met ander swamdoders gebruik gemaak word, gebruik geregistreerde mengvennote wat bevredigende siektebeheer sal verseker indien alleen teen die mengdosis gebruik word.

MENGINSTRUKSIES

Maak die spuittenk halfvol met skoon water. Skud die houër met **FLUZOXY** goed voor gebruik. Voeg die verlangde hoeveelheid **FLUZOXY** by die spuitwater terwyl dit geroer word en maak tenk vol met water tot by die verlangde volume. **Nadat die spuittenk volgemaak is en gedurende die spuitproses, moet die mengsel voortdurend geroer word totdat die spuittenk leeg is.** Indien

bespuiting onderbreek word, moet deeglike roering plaasvind voordat met bespuiting voortgegaan word.

Indien **FLUZOXY** in tenkmengsels met ander produkte gebruik word, moet aandag aan al die waarskuwings, voorsorgmaatreëls en gebruiksaanwysings op daardie spesifieke produk etiket 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. Meng die verlangde hoeveelheid produk vooraf met die tenkvennote in 'n mengtenk met 10L water. Roer die water in die spuittenk en voeg dan die produkte in hierdie volgorde (soos van toepassing) by: Versuurder/buffer of byvoegmiddel, suspensiekonsentraat, wateroplosbare konsentrate, emulgeerbare konsentrate. Verseker konstante roering. **Tenkmengsels moet onmiddellik uitgespuit word en nie toegelaat word om in die spuittenk oornag te staan nie.**

VERENIGBAARHEID

Die verenigbaarheid van **FLUZOXY** 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.

TOEDIENINGSINSTRUKSIES

Grondtoediening:

FLUZOXY kan met konvensionele hoë-volume toerusting toegedien word. Verseker dat die spuittoerusting voor toediening behoorlik gekalibreer is en in goeie werkende toestand is. Verseker goeie bedekking van gewasse deur die spuitvolumes in die onderskeie tabelle te gebruik. Verhoed dat spuitbane oorvleuel, want dit kan tot gewasskade lei. Verseker dat die spuitvolume egalig oor die teikenarea toegedien word.

Lugtoediening:

Verhoed ten alle tye chemiese wegdrywing.

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 (hidroliese spuitkoppe of roterende newelspuit) wat die vereiste druppelgrootte en bedekking op die teikengebied 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 swaaihygrometer 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.
- Moenie spuit wanneer die windspoed 15 km per uur oorskry nie.

Algemeen

- Verseker dat die lande akkuraat gemerk is en dat die spuitoperator presies weet watter lande gespuit moet word. Dui aangrensende omgewings sensitiewe gebiede of sensitiewe naburige gewasse, byekorwe of waterbronne aan wat deur die plaagdoder geaffekteer kan word.
- Verkry die versekering van die spuitoperator dat aan die bogenoemde vereistes voldoen sal word en dat die toepaslike data in 'n logboek vir latere verwysing opgeteken sal word.

AANBEVELINGS

GEWAS & SIEKTE	DOSIS	OPMERKINGS
GRONDBONE Vroeë blaarvlek <i>(Cercospora arachidicola)</i>	400 ml / ha + 'n geskikte nie-ioniese byvoegmiddel	Dien twee (2) agtereenvolgende bespuitings teen 2-week intervalle toe, met die eerste tekens van die siekte. Moenie twee (2) FLUZOXY bespuitings per seisoen oorskry nie. Trekkertoediening: 300 – 400 l water / ha. Lugtoediening: 30 – 40 l water / ha.
MIELIES Noordelike blaarskroei <i>(Exserophilum turcicum)</i> Roes <i>(Puccinia sorghi)</i>	Grond- en lugtoediening 300 - 500 ml / ha + geskikte byvoegmiddel soos H&R Crop Oil	Dien die eerste toediening op die 5 – 6 blaarstadium toe of vroeër wanneer die siektesimptome op die basale 3 – 5 blare verskyn, of voordat die infeksievlak 3% van die totale blaaroppervlak bereik. Dien dan nog 1 – 2 toedienings toe met 3-weke intervalle. Gebruik die hoër dosis by hoë siektedruk en die laer dosis by lae siektedruk. Verseker goeie bedekking. Trekkertoediening: 300 – 500 l water / ha. Lugtoediening: 30 – 40 l water / ha.
UIE Persvlek <i>(Alternaria Porri)</i>	800 ml / ha + geskikte byvoegmiddel soos H&R Crop Oil	Begin toediening wanneer die blaarbasis begin dik word, of later in die seisoen wanneer die risiko vir siekte-ontwikkeling hoog is. Dien 'n 2de bespuiting 14 dae later toe. Dien as 'n voldekbepuiting voorkomend toe en verseker deeglike bedekking. Trekkertoediening: 500 l water / ha. Lugtoediening: 30 – 40 l water / ha.

ERKENNING VAN HANDELSMERKE

H&R Crop oil (L 6802)

H&R Global Special Product Sales (Edms.) Bpk.