



MAXIDOR

Reg. No. L8771 Act No / Wet Nr 36 / 1947

<p>A suspension concentrate systemic, translaminar and contact fungicide for the preventive control of early blight (<i>Alternaria solani</i>) in potatoes, late blight (<i>Phytophthora infestans</i>) in tomatoes, grey leaf spot (<i>Cercospora zea-maydis</i>) and rust (<i>Puccinia sorghi</i>) in maize, white blister (<i>Albugo candida</i>) in cruciferae (brassicas), powdery mildew (<i>Sphaerotheca fuliginea/Erysiphe cichoracearum</i>) in cucurbits, anthracnose (<i>Colletotrichum lindemuthianum</i>) in dry beans, powdery mildew (<i>Leveillula taurica</i>) in peppers and foliar diseases of onions.</p>	<p>'n Suspensiekonsentraat sistemiese-, translaminêre- en kontakswamdoder vir die voorkomende beheer van vroeëroes (<i>Alternaria solani</i>) in aartappels, laatroes (<i>Phytophthora infestans</i>) in tamaties, grysblaarvlek (<i>Cercospora zea-maydis</i>) en roes (<i>Puccinia sorghi</i>) in mielies, witroes (<i>Albugo candida</i>) in koolgewasse, poeieragtige meeldou (<i>Sphaerotheca fuliginea/Erysiphe cichoracearum</i>) in pampoengewasse en antraknose (<i>Colletotrichum lindemuthianum</i>) in droëbone, poeieragtige meeldou (<i>Leveillula taurica</i>) in rissies en blaar siektes in uie.</p>
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FRAC FUNGICIDE GROUP CODE	11	FRAC SWAMDODER GROEPKODE
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ACTIVE INGREDIENT / AKTIEWE BESTANDEEL

azoxystrobin (strobilurin).....250 g/ ℓ.....asoksiestrobien
(strobilurien)

NET VOLUME / NETTO VOLUME:

REGISTRATION HOLDER / REGISTRASIEHOUER:

Makhteshim-Agan SA (Pty) LTD
Reg. No. 1992/001741/07
21 Viben Street
Po Box 498, BRACKENFELL, 7561
Tel Nr. (021) 982 1460
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Batch number

Lotnommer

Date of manufacture

Datum van vervaardiging



WARNINGS:

- **Withholding periods:** (Minimum number of days between last application and harvest).

Potatoes, maize, sweetcorn and tomatoes.....	7 days
Cruciferae(Brassicas).....	14 days
Cucurbits.....	3 days
Dry beans.....	45 days
Peppers.....	14 days
Onions.....	20 days

NOTE: Compliance with these withholding periods will ensure that residues do not exceed local Maximum Residue Limits.

- Harmful if swallowed.
- Toxic to fish and harmful to other aquatic life.
- Avoid contact with skin or eyes since product may cause eye and skin irritation.
- Store away from food and feed.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry:** Do not enter treated area until spray deposit has dried.
- **Aerial application:**
Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas.

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 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.

2. PRECAUTIONS:

- Do not eat drink or smoke whilst handling this product.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Wear rubber gloves and a face shield when handling the concentrate. If you get it in your eyes, flush it out at once. If you get it on your skin, wash it off at once. If you spill it on your clothes, change and wash them.
- 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 destroying the container in the prescribed manner.
- While spraying, avoid contact with the spray as much as possible. Avoid spray drift onto other crops, grazing rivers or dams.
 - Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
 - Destroy empty container and do not use for any other purpose.
 - Change and wash your work clothes. Wash yourself.

3. RESISTANCE MANAGEMENT

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

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with products from different fungicide group codes.
- Refer to individual product labels when alternating products or when using tank mixtures with products in fungicide group codes 7, 27, 28, 29, 30 and M.
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

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

i). **General:**

- To prevent pathogen populations from becoming resistant to **MAXIDOR**, it is essential that applications of **MAXIDOR** be alternated with other registered fungicides from a different chemical class than azoxystrobin (**strobilurin**). This resistance management strategy should not include alternation with or tank mixes of fungicides to which resistance has already developed or fungicides with the same mode of action.

- **MAXIDOR should always be applied preventively** as described in the recommendations table.
- Do not reduce the dosage rates below that recommended on the label.
- Never use any of the other strobilurin or strobilurin related chemicals in the same programme with **MAXIDOR**.

4. DIRECTIONS FOR USE: Use only as indicated.

4.1 Compatibility:

MAXIDOR is compatible with Karate Zeon (L 6330) or methamidophos (585 g/ℓ).

4.2 Mixing instructions:

Half fill the spray tank with clean water. Add the required amount of **MAXIDOR** to the spray tank and top up with water to the required volume while agitating continuously. If **MAXIDOR** needs to be used in tank mix combinations, first mix small quantities of the chemicals separately with water. Add these mixtures together while agitating and check for any signs of incompatibility e.g. flocculation, etc. In this instance, full cognisance must be taken of all warnings, precautions and directions for use on that label. Continue agitation throughout application and do not allow the tank mixture to stand still for any period of time.

4.3 Application:

Ensure that the applicator to be used is in a good working condition and correctly calibrated. Use the spray volumes as indicated to ensure good coverage.

4.3.1 Aerial application:

Precautions: Aerial application of **MAXIDOR** 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 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 are met:

a) Application parameters:

- **Volume:** A volume of 30 - 40 ℓ water/ha is recommended in potatoes and maize. As **MAXIDOR** has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy or be held responsible for any adverse effects if the product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** A droplet coverage of 25 - 35 droplets per cm² must be recovered at the target.

- **Droplet size:** A droplet spectrum with a VMD of 280 – 300 microns is recommended. Ensure that the production of fine droplets (less than 150 microns - high drift & evaporation potential) is restricted to a minimum.
- **Flying height:** The height of the spray boom should be maintained at 3 - 4 metres above the target. Do not spray when aircraft is in a climb, at the top or during a dive, or when banking.

b) Equipment:

Use suitable atomising equipment (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage but which will ensure the minimum loss of product either through endodrift (within target field) or exodrift (outside target field). The operator must use a setup that will produce a droplet spectrum with the lowest possible relative span.

All nozzles / atomisers should be positioned within the inner 60% to 75% of the wingspan to prevent droplets from entering the wingtip vortices.

c) Meteorological conditions:

The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C. The addition of a suitable anti-evaporant is recommended if the VMD of the droplets is less than 200 - 250 microns.

Stop spraying if the wind speed exceeds 15 km/h.

Aerial application of **MAXIDOR** must not be done under turbulent, unstable conditions during the heat of the day when rising thermals and downdraughts occur. Also note that the application of this product under temperature inversion conditions (spraying in or above the inversion layer) 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 the movement of the suspended spray cloud away from the target field.

Influence of rain on application:

Should it rain within two hours after application, the application must be repeated.

4.3.2 CRUCIFERAE (BRASSICA)

- **MAXIDOR** can be used in a spray programme with RIDOMIL GOLD FLO (L6669) and BRAVO 720 (L7005).
- Do not apply more than two applications of **MAXIDOR** to Brassicas in the same season.
- Do not apply **MAXIDOR** at the first or last application in the spray programme.

- Never use **MAXIDOR** as a corrective treatment or after an unsuccessful application of any product.

CROP / DISEASE	DOSAGE	REMARKS
CRUCIFERAE (BRASSICAS) White blister (<i>Albugo candida</i>)	500 - 750 ml/ha	Apply as a full cover preventive spray. Apply two consecutive sprays 7 days apart when the weather favours the disease. Use the higher rate when disease pressure is high. Apply in 450 - 700 ℓ water /ha depending on the growth stage of the plants. Do not apply more than two applications per growth cycle. Apply in a spray programme together with RIDOMIL GOLD FLO and BRAVO 720.

4.3.3 MAIZE

- Start application before 3 % of the total leaf surface area shows disease symptoms **OR** when symptoms are present on the basal 3 – 5 leaves.
- Never use **MAXIDOR** as a corrective or curative application or after an unsuccessful application of any product.
- With short season hybrids when the first spray was applied after pollination, it will probably be sufficient to control the disease (a second spray might not be necessary).
- **MAXIDOR** can be used in a spray programme with SCORE (L 5132).
- Do not apply more than two applications of **MAXIDOR** to maize in the same season.
- When multiple applications are necessary to control the disease, the last application for the season should be done with fungicides from a different chemical group other than strobilurin i.e. triazoles namely SCORE.

CROP / DISEASE	DOSAGE
MAIZE AND SWEETCORN Grey leaf spot (<i>Cercospora zeae-maydis</i>)	Ground and aerial application 400 ml MAXIDOR /ha or 300 ml MAXIDOR /ha followed by 300 ml SCORE/ ha
REMARK: With medium to long-season hybrids or if the first application was applied within three weeks before pollination, a follow-up application with SCORE must be applied 4 - 5 weeks later.	

CROP / DISEASE	DOSAGE
Grey leaf spot (<i>Cercospora zea-maydis</i>)	300 ml MAXIDOR /ha followed by 300 ml MAXIDOR /ha followed by 300 ml SCORE /ha
REMARKS: In certain cases where the initial application was applied at a very early stage, a third application might be necessary. In this case the first two applications are made with MAXIDOR at intervals of 4 - 5 weeks. The last application must be done with SCORE 4 - 5 weeks after the second application.	
Rust (<i>Puccinia sorghi</i>) The above mentioned rates of MAXIDOR will also control rust (<i>Puccinia sorghi</i>) if present. Refer to Resistant Management Strategy above.	
Spray volumes: Tractor application: 300 - 450 ℓ water/ha High clearance tractor application: 150 - 300 ℓ water/ha Aerial application: 40 ℓ water/ha Knapsack sprayer application: 60 - 70 ℓ water/ha	

Suggested Spray programme:				
Number of applications/season	Number of MAXIDOR applications/season	MAXIDOR rate: product/ ha	Number of triazole applications/season	SCORE rate: product/ha
1	1	400 ml	0	N/A
2	1	300 ml	1	Registered rate
3	2	300 ml each	1	registered rate

Consult the SCORE label for full particulars.

4.3.4. POTATOES

- Apply in a preventive spray programme and alternate with BRAVO 720 every 7 days. Start application before the disease appears or when weather conditions favour the development of the disease. Ensure good coverage.
- Do not apply **MAXIDOR** when the disease is already present. In this case, an appropriate systemic product should be applied. Apply at least two applications with a systemic product (e.g. SCORE or RIDOMIL GOLD FLO), then return to the preventive spray programme as suggested.
- The total number of **MAXIDOR** applications per season, must not exceed 30 % (normally three) of the total number of applications in the **MAXIDOR** / BRAVO 720 spray programme.

Suggested spray programme for the control of early and late blight:

- The first 2 - 3 applications must be made with BRAVO 720 followed by an **MAXIDOR** application 7 days later in the early flowering stage. Maintain this 7 day alternating product spray programme with BRAVO 720 until a maximum of 3 **MAXIDOR** applications (or equal to a third of the total fungicide applications) have been made. (Refer to Resistance Management Strategy above). Thereafter, continue with the BRAVO 720 applications throughout the rest of the growing season.
- Do not apply **MAXIDOR** as the first or last application in the spray programme.
- Apply BRAVO 720 at the rates indicated on the BRAVO 720 label.
- The first 2-3 **BRAVO 720** applications can be replaced by a RIDOMIL GOLD FLO (L 6669) application according to the label.

The suggested spray programme on potatoes will also control **late blight** (*Phytophthora infestans*).

CROP / DISEASE	DOSAGE
POTATOES Early blight <i>(Alternaria solani)</i>	Ground application 300 mℓ MAXIDOR /ha alternated with BRAVO 720 at 1 - 2 ℓ/ha in at least 500ℓ water/ha
	Aerial application 330 mℓ MAXIDOR /ha alternated with BRAVO 720 at 1 – 2 ℓ/ha in 30 - 40 ℓ water/ha

4.3.5. TOMATOES

- Apply in a preventive spray programme and alternate with BRAVO 720 every 7 days. Start application before the disease appears or when weather conditions favour the development of the disease. Ensure good coverage.
- Do not apply **MAXIDOR** when the disease is already present. In this case, an appropriate systemic product should be applied. Apply at least two applications with a systemic product (e.g. SCORE or RIDOMIL GOLD FLO), then return to the preventive spray programme as suggested.
- The total number of **MAXIDOR** applications per season, must not exceed 30 % (up to six) of the total number of applications in the **MAXIDOR** / BRAVO 720 spray programme.
- **MAXIDOR** and BRAVO 720 should be applied in water volumes of a minimum of 300 ℓ to a maximum of 1 000 ℓ/ha on tomatoes from 10 to 130 cm high respectively.

Suggested spray programme:

- The first 2 - 3 applications must be made with BRAVO 720 followed by an **MAXIDOR** application 7 days later in the early flowering stage. (The **MAXIDOR** may be applied earlier if weather conditions favours infection). Maintain this 7 day alternating product

spray programme with BRAVO 720 until a maximum of 6 **MAXIDOR** applications (or equal to a third of the total fungicide applications) have been made. (Refer to Resistance Management Strategy above). Thereafter, continue with the BRAVO 720 applications throughout the rest of the growing season.

- Do not apply **MAXIDOR** as the first or last application in the spray programme.
- Apply BRAVO 720 at the rates indicated on the BRAVO 720 label.
- The first 2-3 BRAVO 720 applications can be replaced by RIDOMIL GOLD FLO applications according to the label.

The suggested spray programme on tomatoes will also control **early blight** (*Alternaria solani*).

CROP / DISEASE	DOSAGE
TOMATOES Late blight <i>(Phytophthora infestans)</i>	Ground application 80 - 120 ml MAXIDOR /100 ℓ water alternated with BRAVO 720 at 100 – 380ml/100 ℓ water according to the disease pressure as specified on the BRAVO 720 label

4.3.6. CUCURBITS

- **MAXIDOR** can be used in a spray programme with TOPAZ 200 EW (L5246), THIOVIT JET (L1061) and BRAVO 720 (L7005).
- Do not apply more than two applications of **MAXIDOR** to Cucurbits in the same season.
- Do not apply **MAXIDOR** at the first or last application in the spray programme.
- Never use **MAXIDOR** as a corrective treatment or after an unsuccessful application of any product.
- Do not apply **MAXIDOR** with any wetting agents such as COMPLEMENT (L4853).

CROP / DISEASE	DOSAGE	REMARKS
CUCURBITS Powdery mildew (<i>Sphaerotheca fuliginea</i> / <i>Erysiphe cichoracearum</i>)	400 - 500 ml/ha	Apply as a full cover preventive spray. Apply two consecutive sprays 7 days apart starting at flower initiation. Use the higher rate when conditions favour disease development. Apply in sufficient water volumes to ensure adequate coverage. Apply in a spray programme together with TOPAZ 200 EW and BRAVO 720.

4.3.7 DRY BEANS

- **MAXIDOR** can be used in a spray programme with SCORE.
- Do not apply more than two applications of **MAXIDOR** to dry beans in the same season.
- Do not apply **MAXIDOR** at the first or last application in the spray programme.
- Never use **MAXIDOR** as a corrective treatment or after an unsuccessful application of any product.

CROP / DISEASE	DOSAGE	REMARKS
DRY BEANS Anthraco (<i>Colletotrichum lindemuthianum</i>)	400 ml/ha	Apply as a full cover preventive spray. Apply two consecutive sprays 14 days apart starting at flower initiation. Apply in sufficient water volumes to ensure adequate coverage. For optimal fungal disease control, apply in a spray programme together with SCORE. The above mentioned rate of MAXIDOR will also control rust (<i>Uromyces appendiculatus</i>) if present. Refer to

CROP / DISEASE	DOSAGE	REMARKS
		Resistant Management Strategy above

4.3.8 PEPPERS (SWEET/CHILLI/PIQUANTE)

- **MAXIDOR** can be used in a spray programme with other registered fungicides.
- The total number of **MAXIDOR** applications per season, must not exceed 30 % (maximum of six) of the total number of applications in spray programme.
- Do not apply **MAXIDOR** at the first or last application in the spray programme.
- Never use **MAXIDOR** as a corrective treatment or after an unsuccessful application of any product.

CROP / DISEASE	DOSAGE	REMARKS
PEPPERS Powdery mildew (<i>Leveillula taurica</i>)	60 ml/100L water	Apply as a full cover preventive spray. Apply two consecutive sprays 7 days apart starting at flower initiation. Apply in sufficient water volumes to ensure adequate coverage.
Note: Applications must be made preventatively and can be repeated at 14 day intervals, depending on the disease pressure and spray programme being used. If a 14 day interval is used, ensure that an alternate product is used after 7 days, particularly if weather conditions are conducive to disease development.		

4.3.9 ONIONS

- **MAXIDOR** can be used in a spray programme with other registered fungicides.
- Do not apply more than two applications of **MAXIDOR** to onions in the same season.
- Do not apply **MAXIDOR** at the first or last application in the spray programme.
- Never use **MAXIDOR** as a corrective treatment or after an unsuccessful application of any product.

CROP / DISEASE	DOSAGE	REMARKS
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ONIONS Purple Blotch <i>(Alternaria porri)</i> Stemphylium Leaf Blotch <i>(Stemphylium vesicarium)</i>	400 ml/ha	Apply as a full cover preventative spray. Apply two consecutive sprays 14 days apart starting when leaf bases begin to thicken or later in the season when risk of disease development is high. Apply in sufficient water volumes to ensure adequate coverage.
Note: Due to the waxy nature of onion leaves, it is recommended the MAXIDOR be applied with COMPLEMENT at a rate of 0.25% to ensure adequate coverage and subsequent disease control.		

WAARSKUWINGS:

- **Onthoudingsperiodes:** (Minimum aantal dae tussen laaste toediening en oes).

Aartappels, mielies, suikermielies en tamaties	7 dae
Koolgewasse.....	14 dae
Pampoengewasse.....	3 dae
Droëbone.....	7 dae
Rissies.....	14 dae
Uie.....	20 dae

LET WEL: Nakoming van hierdie onthoudingsperiodes sal verseker dat die plaaslike Maksimum Residu Limiete nie oorskry word nie.

- Skadelik indien ingeneem word.
- Giftig vir visse en skadelik vir ander waterorganismes.
- Voorkom kontak met oë en vel aangesien die middel oog- en velirritasie mag veroorsaak.
- Berg weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moet nie behandelde gebiede betree alvorens die spuitneerslag droog is nie.
- **Lugtoediening:**
Stel al die inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moet nie oor water of aangrensende gebiede spuit of die spuitstof daarheen laat wegdryf nie.

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 grond-, klimaats- en bergingstoestande; kwaliteit van die 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 akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing, of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

2. VOORSORGMAATREËLS:

- Moet nie eet, drink of rook terwyl die produk hanteer word nie.
- Vermoed besoedeling van voedsel, voer, drinkwater en eetgerei.

- Dra rubberhandskoene en gesigskerm wanneer die konsentraat hanteer word. Indien dit in u oë kom, spoel onmiddellik uit. Indien dit op u vel kom, was dit dadelik af. Indien dit op u klere mors, trek uit en was dit.
- Keer die leë houër om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes nadat die vloei tot 'n drup verminder het. Spoel die houër daarna driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die inhoud van die houër. Gooi die spoelwater by die inhoud van die spuittenk voordat die houër vernietig word.
- Vermý kontak met die spuitstof sover moontlik tydens toediening. Vermý oorwaai van spuitnewel na ander gewasse, weiding, riviere of damme.
- Maak toedieningsapparaat deeglik skoon na gebruik en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Vernietig leë houër en moet dit nie vir enige ander doel gebruik nie.
- Trek werksklere uit en was dit. Was uself.

3. WEERSTANDBESTUUR

MAXIDOR is 'n groepkode 11 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **MAXIDOR**, of enige ander groepkode 11 swamdoder het. Indien hierdie swamdoders herhaaldelik in eksklusiewe programme aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **MAXIDOR** of enige ander groepkode 11 swamdoder, beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Vermý die eksklusiewe herhaaldelike gebruik van swamdoders in dieselfde swamdoder groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende swamdoder groepkodes.
- Sien toepaslike individuele produketikette wanneer middels afgewissel word, of tenkmengsels gebruik word, met produkte in swamdoder groepkodes 7, 27, 28, 29, 30 of M.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoderprogramme.

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

i) **Algemeen:**

- Om te voorkom dat patogeenpopulasies weerstandbiedend raak teen **MAXIDOR**, is dit noodsaaklik om toedienings van **MAXIDOR** af te wissel met ander geregistreerde swamdoders wat nie aan dieselfde chemiese klas as asoksistrobien (**strobilurien**) behoort nie. Hierdie weerstandbestuurstrategie moet nie afwisseling met of tenkmengsels van swamdoders waarteen weerstand alreeds ontwikkel het, insluit nie.
- **MAXIDOR moet altyd voorkomend toegedien word** soos voorgeskryf in die aanbevelingstabelle.

- Moet nie **MAXIDOR** teen laer dosisse soos aanbeveel op die etiket, toedien nie.
- Moet nooit enige ander strobilurien of strobilurien verwante middels in dieselfde program as **MAXIDOR** toedien nie.

4. GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.

4.1 Verenigbaarheid:

MAXIDOR is verenigbaar met Karate Zeon (L 6330) of metamidofos (585 g/ℓ).

4.2 Menginstruksies:

Maak die spuittenk halfvol met skoon water. Voeg die benodigde hoeveelheid **MAXIDOR** in die spuittenk en maak die tenk vol met water tot by die verlangde volume terwyl aanhoudend geroer word. Indien **MAXIDOR** in tenkmengsels saam met ander middels toegedien wil word, word aanbeveel dat klein hoeveelhede van die middels eers afsonderlik vooraf met water gemeng word. Voeg vervolgens hierdie mengsels bymekaar terwyl geroer word en let op vir enige tekens van onverenigbaarheid bv. flokkulasie, ens. In hierdie geval moet die onderskeie produkte waarmee **MAXIDOR** gemeng gaan word, se etikette vir besonderhede aangaande waarskuwings, voorsorgmaatreëls en gebruiksaanwysings geraadpleeg word. Moet nie tenkmengsel laat stilstaan nie - roer aanhoudend.

4.3 Toediening:

Maak seker dat die spuitapparaat in 'n goeie werkende toestand en korrek gekalibreer is voor toediening. Dien toe in spuitvolumes soos aangedui om goeie bedekking te verseker.

4.3.1 Lugtoediening:

Voorsorgmaatreëls: **MAXIDOR** mag slegs deur lugbespuiting toegedien word deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118 (Aerial application of Agricultural Remedies). 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 die aan volgende kriteria te voldoen:

a) Toediening parameters:

- **Volume:** 'n Volume van 30 - 40 ℓ/ha word aanbeveel. Aangesien **MAXIDOR** nie teen 'n laer volume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien die produk teen 'n laer volume, as hierbo aanbeveel, uit die lug toegedien word nie.
- **Druppelbedekking:** 'n Druppelbedekking van 25 - 35 druppels/cm² moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 280 - 300 mikrons word aanbeveel. Verseker dat die produksie van fyn druppels (kleiner as 150

mikron - met 'n gevolglike hoë drywing en verdampingspotensiaal) tot 'n minimum beperk word.

- **Vlieghoogte:** Die hoogte van die spuitbalk moet op 3 - 4 meter bo die teiken gehandhaaf word. Moet nie spuit wanneer die vliegtuig aan die bopunt is van, of tydens 'n duik nie, of terwyl dit uitklim of draai nie.

b) Toerusting:

Gebruik geskikte spuitapparaat (hidroliese of roterende spuitkoppe) wat die vereiste druppelgrootte en bedekking sal produseer, maar wat die minste verlies van produk deur endodrywing (binne die teikenarea) of eksodrywing (buite die teikenarea) sal verseker. Die operateur moet 'n stelsel gebruik wat 'n druppelspektrum met die kleinste moontlike relatiewe span sal produseer.

Al die spuitneuse / atomiseerders moet in die binneste 60% - 75% van die vlerkspan geplaas word om die beweging van druppels in die vlerkvorteks in te beperk.

c) Meteorologiese toestande:

Die verskil in temperatuur tussen die nat- en droëboltermometer van 'n swaaihigrometer, moet nie 8°C oorskry nie. Die byvoeging van 'n geskikte anti-evaporant word aanbeveel indien die VMD van die druppels kleiner as 200 – 250 mikrons is.

Stop bespuiting indien die windspoed 15 km/uur oorskry.

MAXIDOR moet nie uit die lug toegedien word tydens onstabiele, turbulente toestande gedurende die hitte van die dag wanneer stygende en dalende konveksie windbeweging plaasvind nie.

Dit is belangrik om daarop te let dat die lugtoediening van **MAXIDOR** onder temperatuur inversie toestande (deur bo of binne die inversie laag te spuit) tot die volgende probleme mag aanleiding gee.

- Verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken), of
- Skade aan ander nie-teiken gewasse of ander sensitiewe areas a.g.v die wegdryf van die spuitwolk tot by daardie area.

Invloed van reën op toediening:

Indien dit reën binne twee uur na toediening, moet bespuiting herhaal word.

4.3.2 KOOLGEWASSE

- Gebruik **MAXIDOR** in 'n spuitprogram saam met RIDOMIL GOLD FLO (L6669) en BRAVO 720 (L7005).
- Moet nie meer as twee toedienings **MAXIDOR** in dieselfde seisoen toedien nie.
- Moet nie **MAXIDOR** as die eerste of laaste toediening in 'n spuitprogram gebruik nie.
- Moet nooit **MAXIDOR** as 'n korrektiewe bespuiting gebruik nie of na 'n onsuksesvolle toediening van enige ander produk nie.

GEWAS / SIEKTE	DOSIS	OPMERKING
KOOLGEWASSE Witroes (<i>Albugo candida</i>)	500 - 750 mℓ/ha	Dien toe as 'n volle voorkomende dekbespuiting. Dien toe in twee opeenvolgende bespuitings 7 dae uitmekaar wanneer die weerstoestande die siekte bevoordeel. Gebruik die hoër dosis onder hoë siekte druk. Dien toe in 450 - 700 ℓ water/ha afhange van die plantgrootte. Moet nie meer as twee bespuitings per groeiseisoen toedien nie. Dien toe in 'n spuitprogram saam met RIDOMIL GOLD FLO en BRAVO 720.

4.3.3 MIELIES

- Begin toediening voordat 3 % van die totale blaaroppervlakte siektesimptome toon **OF** wanneer simptome op die 3 - 5 onderste blare teenwoordig is.
- Moet nooit **MAXIDOR** as 'n korrektiewe of kuratiewe toediening gebruik nie of na 'n onsuksesvolle toediening van enige middel.
- Met kort-seisoen basters waar die eerste bespuiting na bestuiwing gemaak word, sal dit waarskynlik voldoende wees om die siekte te beheer (geen tweede bespuitings sal benodig word nie).
- **MAXIDOR** kan toegedien word in 'n spuitprogram met SCORE (L5132).
- Moet nie meer as twee toedienings van **MAXIDOR** in dieselfde seisoen in mielies toedien nie.
- Indien meer as een toediening nodig is om die siekte te beheer, moet die laaste toediening vir die seisoen met 'n ander swamdoder uit 'n ander chemiese klas as strobilurine bv. die triasole nl. SCORE toegedien word.

GEWAS/SIEKTE	DOSIS
MIELIES EN SUIKERMIELIES Grysblaarvlek (<i>Cercospora zeae-maydis</i>)	Grond- en lugtoediening 400 mℓ MAXIDOR /ha of 300 mℓ MAXIDOR /ha gevolg deur 300 mℓ SCORE /ha
OPMERKING: Met medium- tot lang-seisoen basters of waar die eerste bespuiting binne drie weke voor bestuiwing toegedien is, moet 'n opvolgtoediening met SCORE 4 - 5 weke later gedoen word.	
Grysblaarvlek (<i>Cercospora zeae-maydis</i>)	300 mℓ MAXIDOR gevolg deur 300 mℓ MAXIDOR /ha gevolg deur 300 mℓ SCORE /ha
OPMERKINGS: In sekere gevalle waar die aanvanklike toediening op 'n baie vroeë stadium gedoen is, mag 'n derde bespuiting nodig wees. In hierdie geval word die eerste twee bespuitings met MAXIDOR gedoen met 'n tussenpose van 4 - 5 weke. Die laaste toediening moet met SCORE 4 - 5 weke na die tweede toediening, gedoen word.	
Roes (<i>Puccinia sorghi</i>)	

Teen bogenoemde dosisse sal **MAXIDOR** ook **roes** (*Puccinia sorgi*) beheer indien teenwoordig. Verwys na Weerstandbestuurstrategie bo.

Spuitvolumes:

Trekkertoediening: 300 - 450 ℓ water/ha

Hoë-balk trekkertoediening: 150 - 300 ℓ water/ha

Lugtoediening: 40 ℓ water/ha

Rugsakspuittoediening: 60 - 70 ℓ water/ha

Voorgestelde spuitprogram:

Aantal toedienings /seisoen	Aantal MAXIDOR toedienings/ seisoen	MAXIDOR dosis: produk/ha	Aantal triasool toedienings /seisoen	SCORE dosis: Produk / ha
1	1	400 ml	0	N.v.t.
2	1	300 ml	1	Geregistreeerde dosis
3	2	300 ml elk	1	Geregistreeerde dosis

Raadpleeg die SCORE etiket vir volledige besonderhede.

4.3.4 AARTAPPELS

- Dien toe in 'n voorkomende spuitprogram en wissel af met BRAVO 720 elke 7 dae. Begin toediening voor die siekte verskyn of wanneer weerstoestande gunstig is vir die ontwikkeling van die siekte. Verseker goeie bedekking.
- Moet nie **MAXIDOR** toedien as die siekte alreeds teenwoordig is nie. In hierdie geval moet 'n toepaslike sistemiese produk toegedien word. Dien ten minste twee toedienings toe met 'n sistemiese middel (soos SCORE of RIDOMIL GOLD FLO) en keer dan terug na die voorkomende spuitprogram soos voorgestel.
- Die totale aantal **MAXIDOR**-bespuitings per seisoen, mag nie 30 % (gewoonlik drie) van die totale aantal bespuitings in die **MAXIDOR**/BRAVO 720 spuitprogram in dieselfde gewas, oorskry nie.

Voorgestelde spuitprogram vir die beheer van vroeë en laat roes:

- Die eerste 2 - 3 bespuitings moet met BRAVO 720 gedoen word gevolg deur 'n **MAXIDOR**-bespuiting 7 dae later in die vroeë blomstadium. Hou vol met hierdie 7 dag afwisselende spuitprogram met BRAVO 720 totdat 'n maksimum van 3 **MAXIDOR**-toedienings (of gelyk aan 'n derde van die totale aantal swamdoder bespuitings gemaak is. (Verwys na Weerstandbestuurstrategie bo). Gaan daarna voort met die BRAVO 720-bespuitings vir die res van die groeiseisoen.
- Moet nie **MAXIDOR** as die eerste of laaste bespuiting in die spuitprogram toedien nie.
- Dien BRAVO 720 toe teen die dosisse soos op die BRAVO 720 etiket aangedui.
- Die eerste BRAVO 720 toediening kan vervang word met RIDOMIL GOLD FLO soos aanbeveel op die etiket.

Die voorgestelde spuitprogram in aartappels sal ook **laatroes** (*Phytophthora infestans*) beheer.

GEWAS / SIEKTE	DOSIS
AARTAPPLES Vroeëroes <i>(Alternaria solani)</i>	Grondtoediening 300 ml MAXIDOR /ha afgewissel met BRAVO 720 teen 1 - 2 l/ha in minstens 500 l water/ha.
	Lugtoediening 330 ml MAXIDOR /ha afgewissel met BRAVO 720 teen 1 - 2 l/ha in 30 - 40 l water/ha.

4.3.5 TAMATIES

- Dien toe in 'n voorkomende spuitprogram en wissel af met BRAVO 720 elke 7 dae. Begin toediening voor die siekte verskyn of wanneer weerstoestande gunstig is vir die ontwikkeling van die siekte. Verseker goeie bedekking.
- Moet nie **MAXIDOR** toedien as die siekte reeds teenwoordig is nie. In die geval kan 'n sistemiese produk toegedien word. Dien ten minste twee sistemiese bespuitings met SCORE of RIDOMIL GOLD FLO toe en keer dan terug na die voorkomende spuitprogram soos voorgestel.
- Die totale aantal **MAXIDOR**-bespuitings per seisoen, mag nie 30 % (gewoonlik ses) van die totale aantal bespuitings in die **MAXIDOR**/BRAVO 720 spuitprogram oorskry nie.
- Dien **MAXIDOR** en BRAVO 720 toe in watervolumes van 'n minimum van 300 l tot 'n maksimum van 1 000 l/ha op tamaties vanaf 10 tot 130 cm hoog respektiewelik.

Voorgestelde spuitprogram:

- Die eerste 2 - 3 bespuitings moet met BRAVO 720 gedoen word gevolg deur 'n **MAXIDOR**-bespuiting 7 dae later in die vroeë blomstadium. (**MAXIDOR** kan vroeër toegedien word indien die weerstoestande gunstig is vir die ontwikkeling van infeksie). Hou vol met hierdie 7-dag afwisselende spuitprogram met BRAVO 720 totdat 'n maksimum van 6 **MAXIDOR**-toedienings (of gelyk aan 'n derde van die totale aantal swamdoder bespuitings) gemaak is. (Verwys na Weerstandbestuurstrategie bo). Gaan daarna voort met die BRAVO 720 bespuitings vir die res van die groeiseisoen.
- Moet nie **MAXIDOR** as die eerste of laaste bespuiting in die spuitprogram gebruik nie.
- Dien BRAVO 720 toe teen dosisse soos op die BRAVO 720 etiket aangedui.
- Die eerste 2 – 3 BRAVO 720 toedienings kan deur RIDOMIL GOLD FLO vervang word volgens die etiket.

Die voorgestelde spuitprogram op tamaties sal ook **vroeëroes** (*Alternaria solani*) beheer.

GEWAS / SIEKTE	DOSIS
TAMATIES Laatroes <i>(Phytophthora infestans)</i>	Grondtoediening 80 - 120 ml MAXIDOR /100 l water afgewissel met

GEWAS / SIEKTE	DOSIS
	BRAVO 720 teen 100 - 380 ml/100 ℓ water afhangende die siektedruk soos beskryf op die BRAVO 720 etiket

4.3.6 PAMPOENGEWASSE

- Gebruik **MAXIDOR** in 'n spuitprogram saam met TOPAZ 200 EW (L5246), THIOVIT JET (L1061) en BRAVO 720 (L7005).
- Moet nie meer as twee toedienings **MAXIDOR** in dieselfde seisoen toedien nie.
- Moet nie **MAXIDOR** as die eerste of laaste toediening in 'n spuitprogram gebruik nie.
- Moet nooit **MAXIDOR** as 'n korrektiewe bespuiting gebruik nie of na 'n onsuksesvolle toediening van enige ander produk nie.
- Moet nie **MAXIDOR** saam met 'n benatter soos COMPLEMENT (L4853) gebruik nie.

GEWAS / SIEKTE	DOSIS	OPMERKING
PAMPOENGEWASSE Poeieragtige meeldou (<i>Sphaerotheca fuliginea</i> / <i>Erysiphe cichoracearum</i>)	400 - 500 ml/ha	Dien toe as 'n volle voorkomende dekbespuiting. Dien toe in twee opeenvolgende bespuitings 7 dae uitmekaar met blom. Gebruik die hoër dosis onder hoër siekte druk. Dien toe in genoeg water om volledige benatting te verseker. Dien toe in 'n spuitprogram saam met TOPAZ 200 EW and BRAVO 720.

4.3.7 DROËBONE

- Gebruik **MAXIDOR** in 'n spuitprogram saam met SCORE.
- Moet nie meer as twee toedienings **MAXIDOR** in dieselfde seisoen toedien nie.
- Moet nie **MAXIDOR** as die eerste of laaste toediening in 'n spuitprogram gebruik nie.
- Moet nooit **MAXIDOR** as 'n korrektiewe bespuiting gebruik nie of na 'n onsuksesvolle toediening van enige ander produk nie.

GEWAS / SIEKTE	DOSIS	OPMERKING
DROËBONE Antraknose (<i>Colletotrichum lindemuthianum</i>)	400 ml/ha	Dien toe as 'n volle voorkomende dekbespuiting. Dien toe in twee opeenvolgende bespuitings 14 dae uitmekaar met blom. Dien toe in genoeg water om volledige benatting te verseker. Vir optimale swamsiektebeheer, dien toe in 'n spuitprogram saam met SCORE. Teen bogenoemde dosis sal MAXIDOR ook roes (<i>U. appendiculatus</i>) beheer indien teenwoordig. Verwys na Weerstandbestuurstrategie bo.

4.3.8 RISSIES (SOET, CHILLI EN PIQUANTE)

- Gebruik **MAXIDOR** in 'n spuitprogram saam met ander geregistreerde swamdoders.
- Die totale aantal **MAXIDOR**-bespuitings per seisoen, mag nie 30 % (tot 'n maximum van 6) van die totale aantal bespuitings oorskry nie.
- Moet nie **MAXIDOR** as die eerste of laaste toediening in 'n spuitprogram gebruik nie.
- Moet nooit **MAXIDOR** as 'n korrektiewe bespuiting gebruik nie of na 'n onsuksesvolle toediening van enige ander produk nie.

GEWAS/SIEKTE	DOSIS	OPMERKING
RISSIES Poeieragtige meeldou (<i>Leveillula taurica</i>)	60 ml/100 l water	Dien toe as 'n vol dek voorkomende toediening. Dien twee opeenvolgende bespuitings toe 7 dae uitmekaar beginnende by blom inisiasie. Dien toe in genoeg water om volledige benatting te verseker.
Nota: Toedienings moet voorkomend gedoen word en kan ook in intervalle van 14 dae gedoen word. Indien 'n 14 dag program verkies word, moet die produk waarmee afgewissel word op 7 dae gespuit word veral as die weersomstandighede gunstig vir die siekte ontwikkeling is.		

4.3.9 UIE

- Gebruik **MAXIDOR** in 'n spuitprogram saam met ander geregistreerde swamdoders.

- Moenie meer as twee toedienings van **MAXIDOR** op uie toedien in dieselfde seisoen nie.
- Moenie **MAXIDOR** toedien as die eerste of die laaste toediening van die seisoen nie.
- Moet nooit **MAXIDOR** as 'n korrektiewe bespuiting gebruik nie of na 'n onsuksesvolle toediening van enige ander produk nie.

GEWAS/SIEKTE	DOSIS	OPMERKING
UIE Alternaria vlek <i>(Alternaria porri)</i> Stemphylium blaarvlek <i>(Stemphylium vesicarium)</i>	400 ml/ha	Dien toe as 'n vol dek voorkomende toediening. Dien twee opeenvolgende bespuitings toe 14 dae uitmekaar beginnende sodra die blaar basisse begin verdik of later in die seisoen sodra die weersomstandighede gunstig raak vir die ontwikkeling van die siekte.. Dien toe in genoeg water om volledige benatting te verseker.
Nota: Weens die wasagtige aard van die ui blare, word aanbeveel dat MAXIDOR toegedien word met COMPLEMENT teen 0.25% om deeglike bedekking en goeie beheer te verseker.		

KARATE[®], BRAVO[®], RIDOMIL[®] GOLD, THIOVIT JET[®], TOPAZ[®], SCORE[®] en **COMPLEMENT[™]** = Geregistreeerde Handelsmerke van 'n Syngenta Groep Maatskappy.

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