



RAM 75 WP

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY		
RAM 75 WP		FUNGICIDE 
Reg. No. L10951, Act/Wet No. 36 of/van 1947		1:27/11/2020
A wettable powder contact fungicide for the control of diseases in crops as listed.		'n Benatbare poeier kontakswamdoder vir die beheer van siektes in gewasse soos aangedui.
FRAC FUNGICIDE GROUP CODE	M3	FRAC SWAMDODERGROEPKODE
ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL		
Thiram (thiocarbamate)	750 g/kg	Tiram (tiokarbamaat)
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		
kg		
UN Number: 3077		
 CAUTION / VERSIGTIG 		

VERWYS NA BESONDERHEDE SOOS OP HOUER / SAK GEDRUK

GEBRUIKSAANWYSINGS INGESLUIT

Lotnummer

Datum van vervaardiging

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

Batch Number

Date of manufacture

WARNINGS

Withholding period: Minimum number of days between last application and harvest.

Apples, Pears.....14 days
Apricots, Peaches, Plums.....14 days

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

- Handle with care.
- Moderately irritating to eyes and skin.
- Harmful if swallowed and inhaled.
- Very toxic to fish and other aquatic organisms.
- Store under lock and key in the original, tightly closed container in a cool, dry, well-ventilated area.
- Store away from food, feed, seed and other agricultural remedies.
- Keep away from children, uninformed persons and animals.
- **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.

GLOBALLY HARMONIZED SYSTEM, EU (GHS)

Pictogram:



Signal word: Warning

Hazard Statements:

- H302:** Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long-lasting effects.

Precautionary Statements:

- P201:** Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/mist.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash face and hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P284: In case of inadequate ventilation wear respiratory protection.
P403+233: Store in a well-ventilated place. Keep container tightly closed.

PRECAUTIONS

- Avoid inhalation of dust and spray mist.
- Avoid contact of product with skin and eyes.
- Wear protective clothing (e.g. coverall, rubber gloves and rubber boots) and face shield when preparing the spray mixture and during spraying.
- In case of direct contact with skin, immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with a non-abrasive soap and water. Seek medical assistance if irritation develops.
- Do not eat, drink or smoke while preparing or applying the spray mix, or before washing face and hands and changing clothes.
- Wash contaminated clothing before re-use.
- Store away from food and feed and keep out of reach of children and animals.
- Avoid spray drift onto other crops, grazing, rivers, dams and other areas not under treatment.
- Clean equipment before and after use. Dispose of rinsate where it will not contaminate crops, pastures, rivers, dams or other water sources.
- Containers and packaging must be completely emptied before disposal. Shake out thoroughly into the mixing or spray tank.
- Destroy empty containers by perforating and flattening before disposal in a safe way. Do not burn the empty container/package.
- DO NOT use the empty container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

MODE OF ACTION

RAM 75WP is a non-systemic, multi-site contact fungicide with protective action, which inhibits numerous enzymes in the fungus, which results in the subsequent inhibition of spore germination and mycelial growth.

RESISTANCE MANAGEMENT

For resistance management, **RAM 75WP** is a group code M3 fungicide. Any fungus population may contain individuals naturally resistant to **RAM 75WP** and other group code M3 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **RAM 75WP** or any other group code M3 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 **RAM 75WP** 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. **For specific resistance management information, contact the registration holder of this product.** Refer to the FRAC website (www.frac.info/frac/index.htm) for the latest guidelines.

DIRECTIONS FOR USE

Use only as directed.

MIXING INSTRUCTIONS

Half fill the spray tank with clean water. Premix the required amount of **RAM 75WP** with at least 10 litres of clean water to form a smooth slurry. Any other product that is to be added to the tank mixture, should be premixed in a similar fashion with that products' required volume. Whilst agitating, add the premixed products to the spray water and continue filling the tank. Fill the spray tank to the desired volume while maintaining agitation. Do not use brackish water. Do not leave the spray mixture to settle or stand before

applying. If spraying is interrupted, the spray mixture in the tank should be agitated properly before spraying is commenced. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.** Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

COMPATIBILITY

RAM 75WP is compatible with most of the commonly used fungicides, insecticides and acaricides normally used in the crops listed. **RAM 75WP** is not compatible with alkaline products. The compatibility of **RAM 75WP** 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. Refer to the particular labels of each respective product for directions regarding their use.

APPLICATION TECHNIQUES

RAM 75WP may be applied using conventional ground application spray equipment. Calibrate the apparatus before application to ensure that the correct dosage is applied. Ensure that application equipment is in good working order. The distribution of the spray volume must be uniform throughout the target area. **Constant agitation throughout the spray operation is essential.** Only clean water should be used. Ensure good coverage by using the spray volumes as indicated.

RECOMMENDATIONS

CROP & DISEASE	DOSAGE RATE	REMARKS
APPLES AND PEARS Scab <i>(Venturia inaequalis)</i>	HV: 150 g / 100 ℓ water (2.25 – 5.25 kg/ha) LV: 1.8 – 4.2 kg/ha	RAM 75WP is especially recommended for post-blossom applications on apple and pear varieties that are susceptible to copper or sulphur damage. It is not recommended for pre-blossom applications. Start applications at three quarter petal drop and repeat applications at 10 – 12 day intervals for 2 – 4 applications. The number and intervals of the applications will depend on the weather conditions and also the measure of success achieved in the control of the primary infection.
APRICOTS Gum Spot <i>(Stigmina carpophila)</i> Green Rot <i>(Sclerotinia sclerotiorum)</i> Blossom Blight <i>(Monilinia laxa)</i>	HV: 150 - 200 g / 100 ℓ water (1.8 – 3.75 kg/ha) LV: 1.25 – 3.0 kg/ha HV: 150 g / 100 ℓ water (2.25 – 3.75 kg/ha) LV: 1.8 – 3.0 kg/ha HV: 150 g / 100 ℓ water (1.8 – 3.0 kg/ha) LV: 1.5 – 2.4 kg/ha	Spray 150 g / 100 ℓ water at 75% leaf drop. Spray 200 g / 100 ℓ water at bud movement. This spray programme will also control green rot. Repeat applications at 10-14-day intervals if the weather conditions remain rainy. Commence applications at 95-100% petal drop and repeat 14 days later. Usually applied a part of a gum spot control programme. Start applications when 5% of the blossoms have reached the balloon stage, and not later than at the first signs of open blossoms. Repeat applications at 4 – 7-day intervals until after blossom.
PEACHES Leaf Curl <i>(Taphrina deformans)</i>	HV: 150 g / 100 ℓ water (1.8 – 3.0 kg/ha) LV: 1.45 – 2.4 kg/ha	Apply during the period from the beginning of July to the time of bud swell. The spray must be preceded by a copper oxychloride spray during May.

Gum Spot <i>(Stigmina carpophila)</i>	HV: 150 g / 100 ℓ water (1.8 – 3.75 kg/ha) LV: 1.45 – 3.0 kg/ha	Apply at 50% leaf drop (May) if infestations levels were high the previous season, as well as at the bud swell stage.
PEACHES AND PLUMS Blossom Blight <i>(Monilinia laxa)</i>	HV: 150 g / 100 ℓ water (2.25 – 3.0 kg/ha) LV: 1.8 – 2.4 kg/ha	See Green rot in apricots.
SEEDBEDS (e.g. apple seedlings) Seed decay, Root rot and Damping off	400 g / 100 ℓ water	Apply as a drench at a rate of approximately 3 ℓ mixture / m ² every 7 days before and after emergence of seedlings.

WAARSKUWINGS

Onthoudingsperiode: Minimum aantal dae tussen laaste toediening en oes.

Appels, Pere.....14 dae

Appelkose, Perskes, Pruime.....14 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.
- Matige irritasie vir oë en vel.
- Skadelik indien ingesluk of ingeasem word.
- Baie giftig vir visse en ander waterorganismes.
- Bêre agter slot-en-grendel in die oorspronklike, digsluitende houer in 'n koel, droë, goed-geventileerde area.
- Bêre weg van voedsel, voer, saad en ander landboumiddels.
- Hou weg van kinders, oningeligte persone en diere.
- **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.

Globale Ooreengekome Sisteem, EU (GHS)

Piktogram:



Tekenwoord: Waarskuwing

Gevaarlikheidsverklaring:

H302: Skadelik indien ingesluk.

H315: Veroorsaak velirritasie.

H317: Mag 'n allergiese velreaksie veroorsaak.

H319: Veroorsaak ernstige oogirritasie.

H332: Skadelik indien ingeasem.

H373: Mag skade aan organe veroorsaak deur langdurige en aanhoudende blootstelling.

H400: Baie giftig vir akwatiese lewe.

H410: Baie giftig vir akwatiese lewe met langtermyn gevolge.

Voorsorgverklarings:

P201: Verkry spesiale instruksies voor gebruik.

P202: Moenie hanteer voordat alle veiligheidsmaatreëls gelees en dit verstaan is nie.

P260: Moenie stof/newel inasem nie.

P262: Moenie in oë, op vel of op klere kry nie.

P264: Was gesig en hande deeglik na hantering.

P270: Moenie eet, drink of rook tydens die hantering van die produk nie.

P271: Gebruik slegs in die buitelug of in 'n goed-geventileerde area.

P273: Verminderd uitstoot aan die omgewing.

P280: Dra beskermende handskoene/klere, oog- en gesigmaskers.

P284: In geval van beperkte ventilasie dra beskermende asemhalingstoestel.

P403+233: Bêre in 'n goed geventileerde area. Hou die houer dig toegemaak.

VOORSORGMATREËLS

- Vermyn die inaseming van die stof en spuitnewel.
- Vermyn kontak van die produk met vel en oë.
- Dra beskermende klere (bv. oorpak, rubberhandskoene en rubberstewels) en gesigskerm tydens voorbereiding en toediening van spuitmengsel.
- In geval van direkte kontak met vel, spoel die liggaam en klere onmiddellik met groot hoeveelhede water. Verwyder die besoedelde klere en skoene. Was die geaffekteerde areas met nie-skurende seep en water. Verkry mediese bystand indien irritasie ontstaan.
- Moenie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas en klere vervang is nie.
- Was besoedelde klere voor hergebruik.
- Bêre weg van voedsel en voer en hou buite bereik van kinders en diere.
- Vermyn wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.
- Maak toedieningsapparaat voor en na gebruik skoon. Uitspoelwater moet nie gewasse, weidings, riviere, damme of ander waterbronne besoedel nie.
- Houers en verpakking moet heeltemal geledig word voor wegdoening. Skud deeglik in meng- of spuitenk uit.
- Vernietig leë houers deur gate daarin te maak en plat te maak voordat dit op 'n veilige manier van ontslae geraak word. Moenie leë houers/verpakking verbrand nie.
- MOENIE die leë houer vir enige ander doel gebruik nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.

METODE VAN WERKING

RAM 75WP is 'n nie-sistemiese, multi-area kontakswamdoder met 'n voorkomende werking, wat talle ensieme binne-in die swam inhibeer en wat die inhibering van spoorontkieming en missiliumgroei tot gevolg het.

WEERSTANDBESTUUR

Vir weerstandbestuur is **RAM 75WP** 'n groeikode M3 swamdoder. Enige swampopulasie mag individue bevat wat natuurlike weerstand teen **RAM 75WP** of enige ander groeikode M3 swamdoder het. Die weerstandbiedende individue kan uiteindelik die siektepopulasie oorheers indien hierdie swamdoder herhaaldelik aangewend word. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **RAM 75WP** of enige ander groeikode M3 swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Vermyn die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groeikode. Wissel af met, of gebruik tenkmengsels van, produkte in verskillende swamdodergroeikodes.
- Sien toepaslike individuele produketikette wanneer daar tussen produkte of tenkmengsels met geregistreerde produkte afgewissel word.
- 'n Spuitprogram van mengsels of die afwisseling met middels wat 'n ander metode van werking het, kan die opbou van weerstandbiedende druk, 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 was met die gebruik van **RAM 75WP** soos voorgeskryf nie, mag daar 'n weerstandbiedende-populasie 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.

Vir spesifieke weerstandbestuur-inligting kan die registrasiehouer van die produk gekontak word. Verwys na die FRAC webwerf (www.frac.info/frac/index.htm) vir die nuutste riglyne.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

Maak die spuittenk halfvol met skoon water. Meng die verlangde hoeveelheid **RAM 75WP** met ten minste 10 liter skoon water om 'n gladde pappery te vorm. Indien enige ander produk ook in die tenkmengsel gevoeg word, moet dit ook op dieselfde wyse vooraf gemeng word met daardie produk se verlangde volume. Terwyl geroer word, voeg die vooraf gemengde produkte by die spuitwater en maak die tenk vol met water. Vul die tenk tot by die verlangde volume terwyl roering plaasvind. Moenie brakwater gebruik nie. Moenie toelaat dat die spuitmengsel afsak of staan voordat toegedien word nie. Indien die spuitproses onderbreek word, moet die spuitmengsel eers goed geroer word voordat spuitproses voortgesit word. **Tenkmengsels moet onmiddellik uitgespuit word en nie toegelaat word om oornag in die spuittenk te staan nie.** Spuittoerusting moet deeglik aan die einde van die spuitproses uitgespoel word.

VERENIGBAARHEID

RAM 75WP is met die meeste van die algemene swamdoders, insekdoders en mytdoders verenigbaar wat normaalweg op gewasse gebruik word. **RAM 75WP** is nie met alkaliese produkte verenigbaar nie. Die verenigbaarheid van **RAM 75WP** 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. Verwys na die onderskeie produkte se produketikette vir gebruiksaanwysings daarvan.

TOEDIENINGSMETODES

RAM 75WP mag met konvensionele grondtoedieningstoerusting toegedien word. Kalibreer die toerusting voor toediening om die korrekte toedieningsdosis te verseker. Verseker dat die toedieningstoerusting in goeie werkende toestand is. Die verspreiding van die spuitvolume moet eenvormig oor die teikengebied geskied. **Konstante roering gedurende die spuitproses is deurgaans noodsaaklik.** Gebruik slegs skoon water. Verseker goeie bedekking deur gebruik te maak van die voorgeskrewe spuitvolumes.

AANBEVELINGS

GEWAS & SIEKTE	DOSIS	OPMERKINGS
APPELS EN PERE Skurfsiekte (<i>Venturia inaequalis</i>)	HV: 150 g / 100 l water (2.25 – 5.25 kg/ha) LV: 1.8 – 4.2 kg/ha	RAM 75WP word veral vir na-blombespuitings op appel- en peervariëteite aanbeveel wat vatbaar is vir koper- en swaelbeskadiging. Dit word nie vir voor-blomtoedienings aanbeveel nie. Begin toedienings by driekwart blomblaarval en herhaal met 10 – 12 dae intervalle met 2 – 4 bespuitings. Die aantal toedienings en intervalperiode sal van die weerstoestand afhang, asook van die mate van sukses behaal in die beheer van die primêre besmetting.
APPELKOSE Gomvlek (<i>Stigmia carpophila</i>) Groenvrot (<i>Sclerotinia sclerotiorum</i>) Bloeisel-versenging (<i>Monilinia laxa</i>)	HV: 150 - 200 g / 100 l water (1.8 – 3.75 kg/ha) LV: 1.25 – 3.0 kg/ha HV: 150 g / 100 l water (2.25 – 3.75 kg/ha) LV: 1.8 – 3.0 kg/ha HV: 150 g / 100 l water (1.8 – 3.0 kg/ha) LV: 1.5 – 2.4 kg/ha	Spuit 150 g / 100 l water teen 75% blaarval. Spuit 200 g / 100 l water by knopswel. Hierdie spuitprogram sal ook groenvrot beheer. Herhaal toedienings met 10 -14 dae intervalle indien weerstoestand reënerig bly. Begin bespuitings by 95-100% blomblaarval en herhaal 14 dae later. Dit word gewoonlik as 'n gomvlekbeheerprogram toegedien. Begin bespuitings wanneer 5% van die bloeiseis ballonstadium bereik het, en nie later as die eerste tekens van oop bloeiseis nie. Herhaal toedienings met 4 – 7 dae intervalle tot na-blom.

PERSKES Krulblaar (<i>Taphrina deformans</i>) Gomvlek (<i>Stigmata carpophila</i>)	HV: 150 g / 100 l water (1.8 – 3.0 kg/ha) LV: 1.45 – 2.4 kg/ha HV: 150 g / 100 l water (1.8 – 3.75 kg/ha) LV: 1.45 – 3.0 kg/ha	Dien gedurende die periode van begin-Julie tot knopswelstadium toe. Hierdie toediening moet met 'n koperoksichloried bespuiting gedurende Mei voorafgegaan word. Dien teen 50% blaarval (Mei) toe indien besmettingsvlakke die vorige seisoen hoog was, asook gedurende die knopswelstadium.
PERSKES EN PRUIME Bloeisel-versenging (<i>Monilinia laxa</i>)	HV: 150 g / 100 l water (2.25 – 3.0 kg/ha) LV: 1.8 – 2.4 kg/ha	Sien aanbeveling van Groenvrot by appelkose.
SAADBEDDINGS (bv. appelsaailinge) Saadverval, Wortelvrot en Saailingverwelksiekte	400 g / 100 l water	Dien as 'n loogbehandeling teen ongeveer 3 l mengsel/m² elke 7 dae toe voor- en na-opkoms van saailinge.