An emulsion oil in water systemic fungicide for the control of diseases in ornamentals.

'n Emulsie olie in water sistemiese swamdoder vir die beheer van siektes in sierplante.

Distributed by:
Makhro Home And Garden (Pty) Ltd
Reg. Nr. 2014 / 283523 / 07
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MAKHRO HOME AND GARDEN (PTY) LTD

ORIUS 250 EW

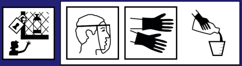
Reg. Nr. L6832 – Act 36 of 1947 / N-AR 0780

FRAC FUNGICIDE GROUP CODE C
FRAC SWAMDODERGROEPKODE C

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Tebuconazole (triazole)	250 g / ℓ	Tebukonasool (triasool)

Registration Holder: ADAMA SOUTH AFRICA (PTY) LTD
Reg. No. 1992/001741/07, P.O. Box 498, Brackenfell, 7561



CAUTION
VERSIGTIG

Blue band

Blou band

ORIUS 250 EW

Office No: 021 981 4011
21 Viben Street, Brackenfell
Technical advise: 082 562 5330
Medical Emergency: 0861 555 777

L6832 – Act 36 of 1947
FRAC FUNGICIDE GROUP CODE C
Active Ingredient: Tebuconazole (triazole) 250 g/ ℓ
Registration Holder: ADAMA SOUTH AFRICA (PTY) LTD (1992/001741/07)

WARNINGS:

Witholding periods:
Beans and potatoes (harvest)................. 14 days
Beans (harvest, grazing and feeding)..... 14 days
Citrus.. 175 days
Peas and tomatoes................................ 7 days

- Harmful if swallowed, inhaled or if absorbed through the skin.
- Irritating to eyes.
- Toxic to fish.
- Store in a cool, dry place, away from food, feed and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.

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 storage conditions, quality of dilution water and the occurrence of resistance of the pest against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Do not eat, drink or smoke while handling this product
- Prevent contamination of food, feed and drinking water and eating utensils
- While spraying avoid contact with the spray as much as you can
- 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.

DIRECTIONS FOR USE: Use only as indicated.

MIXING INSTRUCTIONS:
Half fill sprayer with water. Add the required volume of **ORIUS 250 EW** while agitating. Fill the spray tank with water.

APPLICATION:
ORIUS 250 EW can be applied by any conventional knapsack or handheld applicator. The applicator must be fitted with a nozzle able to deliver medium to fine droplets to ensure even distribution over the target areas.

APPLICATION RATES:

TREATMENT AREA	DOSAGE	REMARKS
ROSES Powdery mildew *(Sphaerotheca panosse)* Black Spot *(Antinonema rosae)*	10 mℓ / 10 ℓ water (5 mℓ / 5 ℓ water)	Apply as a preventative treatment or as soon as the first symptoms of infection are noticed. Powdery Mildew normally appear on young leaves and buds in the upper part of the plant, while Black Spot can usually be lower down on the older leaves. Repeat every 7 days if necessary.
BEANS (Dry and Green beans) Rust *(Uromyces appendictulatus)*	10 mℓ / 10 ℓ water (5 mℓ / 5 ℓ water)	Apply as a preventative spray or as soon as first symptoms are noticed. Repeat application every 10-12 days especially if weather conditions favour the development of the disease.
CITRUS Navels, Celmentines, Mineolas Navel-end rot *(Alternaria citrii)*	8 mℓ / 10 ℓ water	Apply two applications, starting at 50% petal fall and follow up to 100% petal fall. Apply as a medium cover spray (about 20ℓ spray mixture per tree, depending on tree size).
MANGO'S Powdery mildew *(Oiduim mangiferae)*	2 mℓ / 10 ℓ water	Apply as soon as first symptoms are noticed. Infection usually starts when 50% of the flowers are open. Apply as a full cover spray and ensure that the flower panicles are fully covered.
ONIONS Purple blotch *(Alternaria porri)*	15 mℓ / 10 ℓ water	Apply as soon as the first symptoms are noticed. Repeat every 10 -14 days depending on the severity of the infection. Do not exceed a total of 4 applications per season. A suitable wetter/sticker should be used to ensure thorough coverage of the leaves and to minimize excessive run-off. Do not use on Spring Onions.
PEAS Powdery mildew *(Erisiphe pisi)*	5 mℓ / 10 ℓ water	Apply as soon as first symptoms of the disease are noticed and repeat every 10-14 days. Use a suitable wetter to ensure even distribution and penetration of **ORIUS 250 EW.**
POTATOES AND TOMATOES Early blight *(Alternaria solani)*	7.5 mℓ / 10 ℓ water	Apply **ORIUS 250 EW** as a preventative treatment when weather conditions are favourable for the development of the disease (warm, humid conditions). Repeat application every 7-10 days, but not exceed 4 applications per season.
LAWNS Dollar Spot	3 mℓ / 10 ℓ water per 10m² 6 mℓ / 10 ℓ water per 10m²	Apply as a preventative application - repeat every 21 days. Will also control rust. Curative application - apply once and if necessary, 14 days later.

ORIUS 250 EW

MAKHRO HOME AND GARDEN

Kantoor Nr: 021 981 4011
Vibenstraat 21, Brackenfell
Tegniese advies: 082 562 5330
Mediese nood: 0861 555 777

L6832 – Wet 36 van 1947
FRAC SWAMDODERGROEPKODE C
Aktiewe Bestanddeel: Tebukonasool (triasool) 250 g/ ℓ
Registrasiehouer: ADAMA SOUTH AFRICA (PTY) LTD (1992/001741/07)

WAARSKUWINGS:

Onthoudingsperiodes:
Aartappels en bone (oes)........................ 14 dae
Bone (oes beweiding en voer)................ 14 dae
Sitrus.. 175 dae
Ertjies en tamaties................................. 7 dae

- Skadelik indien ingesluk, ingeasem of deur vel geasorbeer.
- Irriterend vir oë.
- Giftig vir visse.
- Berg in ‘n koel, droë plek weg van voedsel, voer en ander landbouchemikalieë.
- Hou buite bereik van kinders, oningeligte persone en diere.

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 bergingstoestande, kwaliteit van verdunningswater en die voorkoms van weerstand van die plaag teen die betrokke middel, sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die re-gistrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir die 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 etiket aanwysings 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:

- Moet nie eet, drink of rook terwyl die produk hanteer word nie.
- Vermy besoedeling van voedsel, voer, drinkwater en eetgerei.
- Vermy kontak met die spuitstof sover moontlik tydens toediening.
- Maak toediener deeglik skoon na gebruik en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Vernietig leë houer en moet dit nie vir enige ander doel gebruik nie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.

MENGINSTRUKSIES:
Maak die spuittenk halfvol met water en voeg die benodigde hoeveelheid **ORIUS 250 EW** by terwyl geroer word. Vul daarna die tenk met water. Dit is belangrik om daarop te let dat die spuitmengsel gedurende vulling en toediening aanhoudend geroer moet word.

TOEDIENING:
ORIUS 250 EW kan met ‘n konvensionele hoëvolume spuitapparaat wat toegerus is met ‘n doeltreffende roermeganisme, toegedien word. Die spuitstukke moet toegerus wees met holkeëlspuitpunte wat medium tot fyn druppels lewer. Om te verseker dat die spuitmengsel eweredig oor die teikengebied versprei word moet die spuitapparaat korrek gekalibreer wees.

TOEDIENINGSHOEVEELHEDE:

GEWAS / SIEKTE	DOSERING	OPMERKINGS
ROSE Poeieragtige skimmel *(Sphaerotheca panosse)* Swartvlek *(Antinonema rosae)*	10 mℓ / 10 ℓ water (5 mℓ / 5 ℓ water)	Dien as voorkomende behandeling toe of sodra die eerste simptome van besmetting opgemerk word. Herhaal elke 7 dae indien nodig en verseker dat die plante deeglik benat word. Poeieragtige skimmel kom gewoonlik op jong blare en knoppe in die hoër deel van die plante voor, terwyl Swartvlek gewoonlik laer af op die ouer blare aanwesig kan wees.
BONE (Droë en grondbone) Bruinroes *(Uromyces appendiculatus)*	10 mℓ / 10 ℓ water (5 mℓ / 5 ℓ water)	Dien toe as ‘n voorkomende volledekbespuiting as die eerste tekens van bruinroes opgemerk word. Herhaal toediening elke 10-12 dae indien nodig veral as weerstoestande gunstig is vir die ontwikkeling van die siekte.
SITRUS Navels, Clementines en Mineolas Navel-endverotting *(Alternaria citrii)*	8 mℓ / 10 ℓ water	Dien twee toedienings toe beginnende by 50% blomblaarval. Dien as ‘n mediumdektoediening toe (ongeveer 20 ℓ spuitmengsel per boom, afhangende van boomgrootte).
MANGO’S Poeieragtige skimmel *(Oidium mangiferae)*	2 mℓ / 10 ℓ water	Dien toe sodra eerste simptome waargeneem word en herhaal 10-14 dae tussenposes tot 100% blomblaarval. Normaalweg begin besmetting wanneer ongeveer 50% van die blomme oop is. Dien toe as ‘n volle dektoediening en verseker dat die blomtrosse deeglik benat word.
UIE Alternariavlek *(Alternaria porri)*	15 mℓ / 10 ℓ water	Dien toe sodra die eerste simptome opgemerk word. Herhaal elke 7-14 dae afhangende van die graad van besmetting. Moet nie ‘n totaal van 4 bespuitings / seisoen oorskry nie. ‘n Geskikte kleefmiddel/benatter moet gebruik word om te verseker dat blare deeglik benat word sonder oormatige afloop van spuitmengsel. Moet nie in sprietuie (“spring onions”) toedien nie.
ERTJIES Poeieragtige skimmel *(Erisiphe pisi)*	5 mℓ / 10 ℓ water	Begin toediening sodra die eerste tekens van die siekte waargeneem word en herhaal met tussenposes van 10-14 dae. Voeg ‘n geskikte benatter by water ‘n eweredige verspreiding en penetrasie van **ORIUS 250 EW** sal verseker. Moet nie meer as 3 bespuitings / seisoen toedien nie.
AARTAPPELS EN TAMATIES Vroeë roes *(Alternaria solani)*	7.5 mℓ / 10 ℓ water	Dien toe wanneer toestande gunstig is vir die ontwikkeling van vroeë roes (warm, vogtige weerstoestande). Herhaal toediening elke 7-10 dae. Moet nie meer as 4 keer per seisoen op dieselfde gewas toedien nie.
GRASPERKE Daalderkol	3 mℓ / 10 ℓ water per 10m² 6 mℓ / 10 ℓ water per 10m²	Dien toe as voorkomende toediening. Herhaal elke 21 dae. Sal ook roes beheer. Regstellende toediening. Dien een keer toe, en indien nodig, weer 14 dae later.