

Main Panel
For further information see attached pamphlet
Vir verdere inligting sien aangehegte pamflet

RENDEFED™ 325 SC

Reg. No./Nr. L11330, Act No. / Wet Nr. 36 of/van 1947

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

'n Breëspektrum suspensie konsentraat swamdoder met sistemiese-, translaminiere- en kontak-eienskappe vir die voorkomende beheer van verskeie blaarsiektes in gewasse soos gelys.

FUNGICIDE GROUP CODES	11 + 3	SWAMDODER GROEPKODES
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ACTIVE INGREDIENTS:

AKTIEWE BESTANDDELE:

Azoxystrobin (strobilurin)	200 g/l	Asoksistrobien (strobilurien)
Difenoconazole (triazole)	125 g/l	Difenokonasool (triasool)

Net mass



Netto massa



REGISTRATION HOLDER / REGISTRASIEHOUER:

AECI® Limited / AECI® Beperk
Reg. No. / Nr. 1924/002590/06
P.O. Box / Posbus 14418
Witfield, 1467
Tel : (011) 823 8000
www.aeciworld.com/www.aeciph.com

RENDEFED™ 325 SC is a pending trademark of AECI® Limited / is 'n hangende handelsmerk van AECI® Beperk

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: 0861 555 777/082 4468946

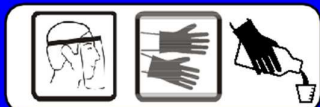
Batch No:

Date of Manufacture:

Lotnommer:

Vervaardigingsdatum:

UN No./VN Nr: 3082



**CAUTION
VERSIGTIG**



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www.aeciph.com/www.aeciworld.com**CAUTION****WARNINGS:**

WITHHOLDING PERIODS: The following minimum number of days between the last application and harvesting must be adhered to:

Grain sorghum, Maize, Sweetcorn, Potatoes, Nuts (pistachios), Tuberous crops (cassava, ginger, sweet potato)	14 DAYS
TREE NUTS (cashews, macadamias, pecans)	45 DAYS
TREE NUTS (almonds)	28 DAYS

NOTE: Compliance with these withholding periods will ensure that residues do not exceed local Maximum Residue Limits (MRL's), but the import tolerances of other countries might possibly be exceeded. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, Maximum Residue Limits and recommended withholding periods.

Handle with care.

Harmful when swallowed or inhaled.

Avoid contact with skin or eyes since product may cause eye and skin irritation, and skin sensitisation.

Toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. Do not spray over, or allow drift to contaminate adjacent areas of water.

Do not spray over or allow drift to contaminate adjacent areas or crops.

Store in a cool place away from food and feedstuffs.

Keep out of reach of 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 inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas. Familiarize yourself and inform the pilot of the Stewardship requirements pertaining to the aerial application.

In case of poisoning, take the patient immediately to 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 SOIL, CLIMATIC AND STORAGE CONDITIONS; COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF THE DISEASES AGAINST THE REMEDY CONCERNED AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

Do not inhale the spray mist or fumes.

Avoid eye and skin contact. Wash with soap and water after use and after accidental skin contact.

Wear protective face shield, rubber boots and rubber gloves when the concentrate is handled and during mixing. If you get product 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.

Wash contaminated clothing after use.

Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.

Prevent contamination of feed, food, eating utensils and drinking water.

Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.

Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, food or water.

TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

RESISTANCE WARNING:

For resistance management, **RENDEFED 325 SC** is a Group Codes 11 + 3 fungicide. Any fungi population may contain individuals naturally resistant to **RENDEFED 325 SC** and other Group Codes 11 + 3 fungicide. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **RENDEFED 325 SC** or any other Group Codes 11 + 3 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicide 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.
- Integrate other control methods [chemical, cultural, biological] into fungicide control programmes.

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

General:

- **RENDEFED 325 SC** should always be applied preventively as prescribed in the recommendations table.
- **RENDEFED 325 SC** must be applied as a full cover spray.
- Do not reduce the dosage rates below that recommended on the label.
- Never use **RENDEFED 325 SC** as a corrective or curative treatment or after the unsuccessful application of any product.
- When tank mixing or alternating with other fungicides, use mixing partners that provide satisfactory disease control when used alone at the mixing rate.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

MIXING INSTRUCTIONS:

Half fill the tank with clean water. Measure the required quantity of **RENDEFED 325 SC** and pre-mix this with at least 10 L water. Add this mixture to the water in the spray tank, while agitating the mixture. Fill the spray tank with water, while maintaining agitation, to ensure thorough mixing of the spray mixture, before spraying commences.

If **RENDEFED 325 SC** needs to be used in tank mix combinations, full cognisance must be taken of all **WARNINGS, PRECAUTIONS** and **DIRECTIONS** for use on that label. First, mix small quantities of the chemicals separately with water. Check for any signs of incompatibility e.g. flocculation etc. It is recommended to add **RENDEFED 325 SC** first and the mixing partner second while agitating. If mixing partners are packed in water-soluble bags, add the soluble bags first and then **RENDEFED 325 SC**. Maintain agitation during the whole spraying operation. Prepared spray mixture must not be left in the spray tank, for any length of time, e.g. overnight.

COMPATIBILITY:

RENDEFED 325 SC is compatible with most fungicides, insecticides and acaricides, with the exception of products containing heavy metals.

The compatibility of **RENDEFED 325 SC** 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 and the quality of water may vary from farm to farm, it is recommended that a physical compatibility test be done prior to the tank mixture being made.

APPLICATION:

Ensure that the applicator to be used is in a good working condition and correctly calibrated. Use the spray volumes as indicated in the relevant tables to ensure good coverage. Ensure thorough agitation of the mixture in the tank during mixing and spraying. Avoid spray overlap as crop injury may occur.

Influence of rain on application:

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

Ground Application:

RENDEFED 325 SC may be applied with conventional high volume spray equipment. Calibrate the apparatus before application to ensure that the correct dosage is applied. The distribution of the spray volume must be uniform throughout the target area.

Ensure good coverage of the whole plant (including the stems and leaves) by using enough water and suitable spraying equipment. Do not apply through any ultra-low volume (ULV) spray system.

Aerial application:

Familiarize yourself and inform the pilot of the Stewardship requirements pertaining to the aerial application of **RENDEFED 325 SC**.

Aerial application of **RENDEFED 325 SC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code: 10118 (Aerial Application of Agricultural Pesticides). 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:

- Volume: A spray mixture volume of 30 – 40 / per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- Droplet coverage: 25 to 35 droplets per cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 280 - 300 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.

- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h, or reduces to less than 5 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and / or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 1. Reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 2. Damage to other sensitive crops and / or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the aerial spray operator knows exactly which fields to spray.
- Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

APPLICATION TABLE:

CROPS	DISEASES	DOSAGE	RECOMMENDATIONS
GRAIN SORGHUM	Sorghum leaf spot (<i>Cercospora sorghi</i>) Northern corn leaf blight (<i>Exserohilum turcicum</i>) Rust (<i>Puccinia sorghi</i>)	0.5-1.0 l/ha	Start application before 3 % of the total leaf shows disease symptoms. It is important that applications are purely preventative for effective disease control. Applications must be made at 21 - 28 day intervals. Use the shorter application interval if disease pressure is very high. With short season hybrids when the first spray was applied after pollination, it will probably be sufficient to control the disease (further sprays may not be necessary). In certain cases where the initial application was applied at a very early stage, a third application may be made. Do not make more than three applications of RENDEFED 325 SC per season. Spray volume: Tractor application: 250 – 450 l water/ha. High clearance tractor application: 150 to 300 l water/ha. Knapsack sprayer application: 60 to 70 l water /ha. <u>Aerial application:</u> 30 to 40 l water/ha.

CROPS	DISEASES	DOSAGE	RECOMMENDATIONS
MAIZE & SWEET CORN	Grey leaf spot (<i>Cercospora zeina</i>) Northern corn leaf blight (<i>Exserohilum turcicum</i>) Rust (<i>Puccinia sorghi</i>)	0.5 l/ha OR 4.5 mℓ /100 m row	Start application before 3 % of the total leaf shows disease symptoms. It is important that applications are purely preventative for effective disease control. Applications must be made at 21 - 28 day intervals. Use the shorter application interval if disease pressure is very high. With short season hybrids when the first spray was applied after pollination, it will probably be sufficient to control the disease (further sprays may not be necessary). In certain cases where the initial application was applied at a very early stage, a third application may be made. Do not make more than three applications of RENDEFED 325 SC per season. Spray volumes: Tractor application: 250 to 450 L water /ha or 2 to 4 L/100 m row. High clearance tractor application: 150 to 300 L water/ha or 2 to 4 L/100 m row. Knapsack sprayer application: 60 to 70 L water /ha. <u>Aerial application:</u> 30 to 40 L water/ha.
TREE NUTS (Macadamias, Cashews, Pecans, Pistachios, Almonds)	Cashew, Macadamias Foliar diseases Pecans Downy spot (<i>Mycosphaerella caryigena</i>) Pecan scab (<i>Cladosporium caryigenum</i>) Powdery mildew (<i>Mycosphaerella spp.</i>) Pistachio Alternaria late blight (<i>Alternaria spp.</i>) Panicle and shoot blight (<i>Botryosphaeria dothidea</i>) Almonds Alternaria leaf spot (<i>Alternaria alternata</i>) Anthrachnose (<i>Colletotrichum acutatum</i>) Blossom blight (<i>Monilinia spp.</i>) Leaf rust (<i>Tranzschelia discolor</i>)	500 to 1 000 mℓ/ha	Apply as part of a protectant program before disease occurs. Apply no more than two consecutive sprays 10 to 14 days apart. Do not make more than four applications of RENDEFED 325 SC per season. Apply in sufficient volume of water to ensure adequate coverage. RENDEFED 325 SC can be used in a spray program with other registered products not containing azoxystrobin or difenoconazole. <u>For Cashews and Macadamias:</u> Do Not use with an adjuvant. If history indicates the presence of <i>Alternaria</i>, apply a high volume of RENDEFED 325 SC in late spring and repeat treatment 2 - 3 weeks later. For blossom blight, begin application of RENDEFED 325 SC at early bloom and continue through petal fall. Spray volumes: Tractor application: 250 to 1 000 L water/ha. <u>Aerial application:</u> 30 to 40 L water/ha.

CROPS	DISEASES	DOSAGE	RECOMMENDATIONS
TUBEROUS CROPS (Cassava, Ginger, Sweet potatoes)	Black dot (<i>Colletotrichum coccodes</i>) Early blight (<i>Alternaria spp.</i>) Rust (<i>Puccinia helianthi</i>) Septoria leaf spot (<i>Septoria spp.</i>)	500 to 1 000 ml/ha	Apply as part of a protectant program before disease occurs. Apply no more than two consecutive sprays 7 to 10 days apart. Do not make more than four applications of RENDEFED 325 SC per season. Apply in sufficient volume of water to ensure adequate coverage. RENDEFED 325 SC can be used in a spray program with other registered products not containing azoxystrobin or difenoconazole. The addition of a spreading / penetrating type adjuvant may enhance efficacy. Spray volume: Tractor application: 250 to 1 000 / water/ha. <u>Aerial application:</u> 30 to 40 / water/ha.
POTATOES	Early blight (<i>Alternaria solani</i>)	375 ml/ha	Apply in blocks of two consecutive sprays 7-10 days apart when the weather favours the disease. Alternatively, applications can be repeated at 14 day intervals, provided that these applications are alternated every 7 days with other products registered for early blight control. RENDEFED 325 SC alternated with Chlorothalonil 720 g/l SC in a 7-day cycle will also control late blight (<i>Phytophthora infestans</i>) preventatively. Due to reduced efficacy, aerial application is only recommended when prevailing conditions preclude application by tractor. Do not exceed six applications of RENDEFED 325 SC per season. Spray volume: Tractor application: 250 - 1000 / water/ha. <u>Aerial application:</u> 30 - 40 / water/ha.