



The miracles of science™

ACANTO® 250 SC

Reg. No. L8233 Act No. 36 of 1947

Reg. Nr. L8233. Wet Nr. 36 van 1947

Preventive, systemic and translaminar suspension concentrate fungicide for the control of the diseases in barley, wheat and potatoes as listed.

Beskermende, sistemiese en translaminêre suspensie konsentraat swamdoder vir die beheer van siektes in gars, koring en aartappels soos aangedui.

FUNGICIDE GROUP CODE 11 SWAMDODER GROEP KODE

ACTIVE INGREDIENT

Picoxystrobin (strobilurin)250 g/l....

AKTIEWE BESTANDDEEL

Picoxystrobin (strobilurin)

Net volume

1 l, 5 l and 10l

Netto volume

REGISTERED BY / GEREGISTREER DEUR:

DU PONT DE NEMOURS SOUTH AFRICA (PTY) LTD
Co. Reg. No. 2009/014079/07
P. O. BOX / POSBUS 3332
HALFWAY HOUSE 1685
Tel: (011) 218 8600

24 Hour / Uur Emergency Number / Noodnommer: 083 123 3911

BATCH NUMBER
DATE MANUFACTURED

LOTNOMMER
DATUM VERVAARDIG

UN No. / VN Nr.: 3077

CAUTION VERSIGTIG

Copyright © 2010 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™, ACANTO®, CAPITAN® and TREND® are registered trademarks or trademarks of DuPont or its affiliates.

ACANTO[®] 250 SC

Reg. No. L8233 Act No. 36 of 1947

Contains picoxystrobin

WARNINGS:

ALLOW THE FOLLOWING WITHHOLDING PERIOD BETWEEN LAST APPLICATION AND HARVEST:

Barley	50 days
Wheat	35 days
Wheat & Barley (Grazing)	35 days
Potatoes	7 days

- Handle with care.
- Harmful if swallowed.
- Prevent contact with eyes and skin since the product may cause eye and skin irritation.
- Keep out of reach of children, uninformed persons and animals.
- Toxic to fish and harmful to other aquatic organisms.
- Store away from food and feed.
- RE-ENTRY: Do not enter treated area within 1 day after treatment 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 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:

- Prevent spray drift onto crops not under treatment, grazing or adjacent water sources.
- Do not contaminate streams, rivers or dams.
- Avoid contact with skin, eyes and clothing.
- Do not inhale spray mist.
- Wear protective clothing, rubber gloves and face shield when preparing spray mixture.
- Wash with soap and water after use and accidental skin contact.
- Do not eat, drink or smoke whilst applying, mixing, before washing hands and face and change of clothing.
- TRIPLE RINSE empty containers in the following manner. 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 rinsate to the contents of the spray tank before destroying the container in the prescribed manner.

- Thoroughly rinse the sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and filters separately. Flush the entire system with clean water again.
- Do not clean spray equipment near a well, bore hole, fountain or any other water sources.
- Do not contaminate crops, grazing, rivers, or dams with wash water.
- Never re-use the container for any other purpose.
- Do not contaminate food, feed, drinking water and eating utensils.

RESISTANCE WARNING

ACANTO[®] 250 SC is a group code 11 fungicide. Any fungus population may contain individuals naturally resistant to **ACANTO[®] 250 SC** and other group code 11 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **ACANTO[®] 250 SC** or any other group code 11 fungicide.

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.
- Integrate the control methods (chemical, cultural, biological) into disease control programs.

Wheat and Barley:

- Due to the high risk for the development of resistance by certain small grain disease causing fungi against group code 11 fungicides, **ACANTO[®] 250** should always be applied in wheat and barley in tank mixture with a triazole fungicide (which has a different mode of action) like **CAPITAN[®] 250 EW** or **PROPIZOLE 250 EC**.
- Do not apply more than **two ACANTO[®] 250** containing tank mixture applications per season in wheat or barley.

Potatoes:

- **ACANTO[®] 250 SC** applications should be applied every 14 days, which is then alternated weekly in a spray program with the maximum registered dosage of Mancozeb or Chlorothalonil 720 SC against early blight.
- Do not apply more than **three ACANTO[®] 250 SC** applications per season in potatoes.
- Do not apply **ACANTO[®] 250 SC** as the first or the last application in the spray program.

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

DIRECTIONS FOR USE:

USE ONLY AS DIRECTED

COMPATIBILITY

ACANTO[®] 250 SC is compatible with **Capitan[®] 250 EW** (Reg. No. L6062 Act No. 36 of 1947), Propizole 250 EC (Reg. No. L7561 Act No. 36 of 1947), Propiconazole 250 EC (Reg. No. L7306 Act No. 36 of 1947) and **Trend[®] 90** (Reg. No. L8207 Act No. 36 of 1947) in wheat and barley and with H & R Crop Oil (Reg. No. L6802 Act No 36 of 1947) and **Trend[®] 90** (Reg. No. L8207 Act No 36 of 1947) in potatoes. The compatibility of **ACANTO[®] 250 SC** with other products has not been fully investigated. Tank mixtures that have not been evaluated for physical compatibility and crop safety must first be tested on a limited scale. Consult the manufacturer in case of uncertainty.

GENERAL

- **ACANTO[®] 250 SC** contains picoxystrobin, a broad spectrum cereal fungicide from the strobilurin group. Picoxystrobin and other strobilurin analogues inhibit fungal respiration
- **ACANTO[®] 250 SC** has systemic, translaminar and preventative properties and is vapour active.
- **ACANTO[®] 250 SC** shows good crop safety, disease control and maintenance of green leaf area which results in significant yield benefits.
- **ACANTO[®] 250 SC** is best used as a preventative treatment or in the earliest stages of disease development.
- **ACANTO[®] 250 SC** must not be applied to any crop suffering from stress as a result of drought, water logging, low temperature, insect attack, nutrient or lime deficiency or other factors reducing crop growth.

MIXING INSTRUCTIONS AND CLEANING OF SPRAY EQUIPMENT

- Before using **ACANTO[®] 250 SC** makes sure the spraying equipment is clean.
- Half fill the spray tank with water and start the agitator. Continue agitation while adding the required amount of **ACANTO[®] 250 SC** to the spray tank, while topping up the tank with the required volume of water and while spraying.

CROP AND DISEASE	AMOUNT PER HA	REMARKS
BARLEY: Net (Leaf) Blotch only (<i>Pyrenophora teres</i>) Leaf Spot (Scald) (<i>Rhynchosporium secalis</i>) Rust (<i>Puccinia hordei</i>) Powdery Mildew (<i>Erysiphe graminis</i>)	<p>GROUND APPLICATION:</p> <p>300 ml ACANTO[®] 250 SC plus 400 ml CAPITAN[®] 250 EW in at least 300 l water per ha</p> <p>OR</p> <p>300 ml ACANTO[®] 250 SC plus 500 ml PROPIZOLE 250 EC in at least 300 l water per ha</p>	<p>Apply preventively or at the very first signs of disease. A follow-up application may be necessary 21 days after first application.</p> <p>The addition of a non ionic wetter (e.g. Trend[®] 90 at a dosage rate of 100 ml per 100 l spray mixture) is recommended for optimal control. Do not exceed a maximum of two ACANTO[®] 250 SC containing applications per season.</p> <p>Allow 50 days between last application of ACANTO[®] 250 SC and harvest. Refer also to applicable pre harvest withholding period on the CAPITAN[®] 250 EW or PROPIZOLE 250 EC label when a tank mixture of ACANTO[®] 250 SC and CAPITAN[®] 250 EW or PROPIZOLE 250 EC is applied.</p>

CROP AND DISEASE	AMOUNT PER HA	REMARKS
WHEAT: Leaf Rust (Brown rust) <i>(Puccinia recondita)</i> Speckled Leaf Blotch <i>(Septoria tritici)</i> Glume Blotch <i>(Septoria nodorum)</i> Powdery Mildew <i>(Erysiphe graminis)</i> Yellow Rust (Stripe Rust) <i>(Puccinia striiformis)</i>	GROUND APPLICATION: 300 ml ACANTO® 250 SC plus 400 ml CAPITAN® 250 EW in at least 300 l water per ha OR 300 ml ACANTO® 250 SC plus 500 ml PROPIZOLE 250 EC in at least 300 l water per ha	Apply preventively or at the very first signs of disease. A follow-up application may be necessary 21 days after first application. The addition of a non ionic wetter (e.g. Trend® 90 at a dosage rate of 100 ml per 100 l spray mixture) is recommended for optimal control. Do not exceed a maximum of two ACANTO® 250 SC containing applications per season. Allow 35 days between last application of ACANTO® 250 SC and harvest. Refer also to applicable pre harvest withholding period on the CAPITAN® 250 EW or PROPIZOLE 250 EC label when a tank mixture of ACANTO® 250 SC and CAPITAN® 250 EW or PROPIZOLE 250 EC is applied.
POTATOES: Early Blight <i>(Alternaria solani)</i>	GROUND APPLICATION: 300 ml ACANTO® 250 SC PLUS 500 ml/ha H&R Crop Oil OR 50 ml/100 l Trend 90 Alternated weekly with Mancozeb at 3,0 kg/ha or Chlorotalonil 720 SC at 1.5 l/ha in at least 400 l water per ha	Always follow a preventive spray program against early blight. Apply ACANTO® 250 SC at any stage of plant development as soon as the environmental conditions become favourable for early blight infection. Apply ACANTO® 250 SC as a full cover application depending on the plant size in 450 - 1500 l water/ha. Apply ACANTO® 250 SC every 14 days as a part of a weekly rotating (alternating) spray program with the maximum registered dosage rate of the contact fungicides mancozeb or chlorothalonil 720 SC. Always apply ACANTO® 250 SC with the registered wetter (H&R Crop Oil or Trend® 90) in potatoes. Do not apply more than three ACANTO® 250 SC applications per growth season of the crop. Allow 7 days between the last application and harvest.