



The miracles of science™

# ACANTO® PLUS 280 SC

Reg. No. L9149 Act No. 36 of 1947

Reg. Nr. L9149 Wet Nr. 36 van 1947

Preventive, systemic and translaminar suspension concentrate fungicide for the control of Grey Leaf Spot, Northern Corn Leaf Blight and Brown Rust in Maize and Soybean Rust in soybeans

Beskermende, sistemiese en translaminêre suspensie konsentraat swamdoder vir die beheer van Grysblaarvlek, Noordelike Blaarskroei en Bruinroes in Mielies en Sojaboonroes in Sojabone.

FUNGICIDE GROUP CODES 3 /11 SWAMDODER GROEP KODE

### ACTIVE INGREDIENT

Picoxystrobin (strobilurin) .....200 g/l....  
Cyproconazole (triazole) ..... 80 g/l....

### AKTIEWE BESTANDDEEL

Picoxystrobin (strobilurin)  
Siprokonasool (triasool)

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. 1009/014079/07  
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



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# ACANTO<sup>®</sup> PLUS 280 SC

Reg. No. L9149 Act No. 36 of 1947

Contains picoxystrobin / cyproconazole

## WARNINGS:

ALLOW THE FOLLOWING WITHHOLDING PERIOD BETWEEN LAST APPLICATION AND HARVEST:

<b>Maize</b>	<b>28 days</b>
<b>Soybeans</b>	<b>56 days</b>

- Do not graze treated soybeans or maize or use as fodder.
- 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<sup>®</sup> PLUS 280 SC** is a combination of group code 11 and group code 3 fungicides. Any fungus population may contain individuals naturally resistant to group code 3 or code 11 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicide groups are used separately on a continuous basis on their own. The use of **ACANTO<sup>®</sup> PLUS 280 SC** will help minimise the occurrence of resistant fungi to either of the group code 3 and group code 11 fungicides on their own.

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 programmes.

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

## **DIRECTIONS FOR USE:**

## **USE ONLY AS DIRECTED**

## **COMPATIBILITY**

**ACANTO<sup>®</sup> PLUS 280 SC** is compatible with H&R Crop Oil (Reg. No. L6062 Act No. 36 of 1947), Solwet (Reg. No. L8679 Act No. 36 of 1947), Link (Reg. No. L8675 Act No. 36 of 1947), Direct (Reg. No. L8675 Act No. 36 of 1947) in maize and H&R Crop Oil (Reg. No. L6062 Act No. 36 of 1947) and Trend<sup>®</sup> 90 (Reg. No. L8207 Act No. 36 of 1947) in soybeans. The compatibility of **ACANTO<sup>®</sup> PLUS 280 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<sup>®</sup> PLUS 280 SC** contains picoxystrobin a strobilurin and cyproconazole a triazole fungicide. These two fungicide groups are complimentary, with picoxystrobin and other strobilurin analogues inhibiting fungal respiration, while the cyproconazole inhibits fungal penetration, germ tube elongation and mycelia growth.
- **ACANTO<sup>®</sup> PLUS 280 SC** has systemic, translaminar and preventative properties and is vapour active.
- **ACANTO<sup>®</sup> PLUS 280 SC** shows good crop safety, disease control and maintenance of green leaf area which results in significant yield benefits.
- **ACANTO<sup>®</sup> PLUS 280 SC** is best used as a protectant treatment prior to or in the earliest stages of disease development.
- **ACANTO<sup>®</sup> PLUS 280 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® PLUS 280 SC** make 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® PLUS 280 SC** to the spray tank, while topping up the tank with the required volume of water and while spraying.

<b>CROP AND DISEASE</b>	<b>AMOUNT PER HA</b>	<b>REMARKS</b>
<b>MAIZE:</b>  Grey Leaf Spot ( <i>Cercospora zea-</i> <i>maydis</i> ) Northern Leaf Blight ( <i>Exserohilum turcicum</i> ) Brown Rust ( <i>Puccinia sorghii</i> )	<b>FOLIAR APPLICATION:</b>  700 ml <b>ACANTO® PLUS 280 SC</b> per ha  <b>Apply ACANTO® PLUS 280 SC</b> <b>in combination H&amp;R Crop Oil at</b> <b>500mℓ per ha or Solwet, Link or</b> <b>Direct at a dosage rate of 20 mℓ</b> <b>per 100 ℓ as wetter.</b>	<b>APPLICATION METHODS:</b> 1. Ground application (vertical boom): 300– 500 ℓ water per ha. 2. Knapsack with hand-held boom: 50-100 ℓ water per ha.  Apply <b>ACANTO® PLUS 280 SC</b> as two applications starting preventively or at very first symptoms of any of the diseases at the 5-8 leaf stage of the crop. The first application of <b>ACANTO® PLUS 280 SC</b> should ideally be applied preventively and no later than the 8 leaf stage of the crop. Apply a second <b>ACANTO® PLUS 280 SC</b> application 21-28 days later. Use the shorter spray interval under high disease pressure and favourable condition for disease development. Follow the second <b>ACANTO®</b> <b>PLUS 280 SC</b> application up with one or two Punch Xtra, Punch C or Capitan at a spray interval of 21- 28 days depending the disease pressure Ensure thorough coverage of the whole plant. The application of <b>ACANTO® PLUS 280 SC</b> will also reduce the occurrence of Phaeospheria Leaf Spot ( <i>Phaeospheria</i> <i>michotti</i> ). <b>Allow at least 28 days between ACANTO®</b> <b>PLUS 280 SC application and harvest of</b> <b>the green maize cobs.</b> Do not apply more than two <b>ACANTO®</b> <b>PLUS 280 SC</b> containing applications per season.

CROP AND DISEASE	AMOUNT PER HA	REMARKS
<p><b>SOYBEANS:</b></p> <p>Soybean Rust / Asian Rust (<i>Pachyrhizi phakopsora</i>)</p>	<p><b>FOLIAR APPLICATION:</b></p> <p>300 ml <b>ACANTO<sup>®</sup> PLUS 280 SC</b> in at least 300 l water per ha</p> <p><b>The addition of an non-ionic wetter (e.g. Trend<sup>®</sup> 90 at a dosage rate of 100 ml per 100 l spray mixture) or H&amp;R Crop Oil at 500ml per Ha is recommended for optimal control with ACANTO<sup>®</sup> PLUS 280 SC.</b></p>	<p>Apply <b>ACANTO<sup>®</sup> PLUS 280 SC</b> as a single application at the onset of flowering, or at the very first signs of disease at or around early flowering. If the <b>ACANTO<sup>®</sup> PLUS 280 SC</b> application is made during flowering, or at early pod-fill, a follow up application with Punch<sup>®</sup> Xtra, Punch<sup>®</sup> C, Lyric<sup>®</sup> C, Capitan<sup>®</sup> or Lyric<sup>®</sup> (refer to the relevant product label for recommendations) 21-28 days later is recommended. If weather conditions favour disease development (temperatures of 15-28 C and high humidity) use the shorter spray interval. Should disease appear late in the growing season, a single <b>ACANTO<sup>®</sup> PLUS 280 SC</b> application will be sufficient. Ensure thorough coverage of the whole plant. Do not apply more than one <b>ACANTO<sup>®</sup> PLUS 280 SC</b> containing application per season.</p> <p><b>Allow 56 days between last application of ACANTO<sup>®</sup> PLUS 280 SC and harvest. Refer to applicable pre harvest withholding periods on the PUNCH<sup>®</sup> Xtra Punch<sup>®</sup> C, Lyric<sup>®</sup> C, Capitan<sup>®</sup> or Lyric<sup>®</sup> labels where applicable when applied.</b></p>

**ACKNOWLEDGEMENT OF REGISTERED PRODUCTS:**

- H & R Crop Oil is the registered product of H & R South Africa Sales (Pty) Ltd
- Solwet is the registered product of Spectrum Research Services
- Direct is the registered product of Farmkem Specialty Products (Pty) Ltd
- Link is a registered product of Villa Crop Protection (Pty) Ltd