

# PICOFLO 250 SC

Act No. 36 of 1947 / Wet Nr. 36 van 1947  
SA Reg. No. L11542

**READ ATTACHED PACKAGED LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

**GROUP**

**11**

**FUNGICIDE**

**PRODUCT INFO:**

A suspension concentrate, systemic and translaminar fungicide for the preventative control of diseases on crops as listed.



**WARNING**

**PRODUK INFO:**

'n Suspensie konsentraat, sistemiese en translaminêre swamdoder vir die voorkomende beheer van siektes op gewasse soos aangedui.

**HAZARD STATEMENTS:**

Causes serious eye irritation.  
Very toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS:**

Wash hands and exposed skin thoroughly after handling. Do not touch eyes.  
Wear protective gloves, protective clothing, eye and face protection.

**Active Ingredient / Aktiewe Bestanddeel**

**Picoxystrobin (strobilurin)**

**250 g/ℓ**

**Pikoksistrobien (strobilurien)**

**Net (ℓ) SEE CONTAINER**

Registration Holder / Registrasiehouer



ICA International Chemicals (Pty) Ltd. • Reg. No. 2001/013319/07  
28 Planken Street • Plankenbrug Industrial • STELLENBOSCH • 7600 • SOUTH AFRICA  
Tel. +27-21 886 9812 • [www.icaonline.co.za](http://www.icaonline.co.za)

**Batch No.**  
**Date of Manufacture**

**SEE  
CONTAINER**

**Lot Nr.**  
**Datum van Vervaardiging**

In case of poisoning, call the following number: Human Poison Helpline +27-861 555 777  
Emergency number: Griffon Poison Information Centre +27-82 446 8946

# PicoFlo 250 SC

Act No. 36 of 1947  
SA Reg. No. L11542

A suspension concentrate, systemic and translaminar action fungicide for the preventative control of diseases on crops as listed.

## ACTIVE INGREDIENT:

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

## REGISTERED BY:

ICA International Chemicals (Pty) Ltd., Reg. No. 2001/013319/07  
28 Planken Street • Plankenbrug Industrial • Stellenbosch • 7600 • South Africa  
Tel. +27-21 886-9812 • www.icaonline.co.za

## WARNINGS

Causes serious eye irritation  
Very toxic to aquatic life with long lasting effects

**WITHHOLDING PERIODS** (Minimum number of days between last application and harvest or grazing):

- ▶ *Barley* ..... 50 Days
- ▶ *Maize & Sweetcorn* ..... 28 Days
- ▶ *Soya beans* ..... 56 Days
- ▶ *Soya beans (grazing)* ..... 28 Days
- ▶ *Wheat* ..... 35 Days
- ▶ *Wheat & Barley (grazing)* ..... 35 Days

Compliance with these withholding periods and application methods will ensure that residues do not exceed local maximum residue limits (MRL) but may not meet the import requirements of other countries. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, MRL and recommended withholding periods. Although **PicoFlo 250 SC** is regarded as crop-safe on most of the important cultivars, this does not mean that a more sensitive cultivar might be available in future. **PicoFlo 250 SC** must be tested on new cultivars prior to usage over big areas.

**RE-ENTRY INTERVAL:** Do not enter treated field until spray deposit has dried unless wearing protective clothing. Wash protective clothing after use.

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, and the environment or harm to man/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

If medical advice is needed, have product container or label at hand.  
Wash hands and exposed skin thoroughly after handling. Do not touch eyes.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical help.  
Avoid release to the environment.  
Wear protective gloves, protective clothing, eye and face protection.  
Collect spillage.  
Dispose of contents and container in accordance with national regulations.

**TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds until the flow has slowed down to a drip. Thereafter, rinse the empty container three times in succession with one quarter of the container volume with 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.

## RELEVANT SUBSTANCES:

Picoxystrobin (Cas no: 117428-22-5) Acute Inhalation Toxicity Category 4, H332; Eye Irritation Category 2, H319; Aquatic Acute Category 1, H400; Aquatic Chronic Category 1, H410 (25 % w/v).

## FIRST AID TREATMENT

**In case of accident or if you feel unwell seek medical advice immediately and show this LABEL where possible**

### INHALATION:

Remove the victim from immediate source of exposure. Move victim to fresh air, if it can be done safely, and keep comfortable. If victim's breathing has stopped, perform artificial respiration. Administer oxygen if victim's breathing is difficult or irregular. Get medical help.

### SKIN:

Remove and isolate contaminated clothing, shoes, and leather goods immediately and take a shower. Rinse affected areas (skin) immediately with non-abrasive soap or mild detergent and large amounts of running water. Wash contaminated clothing before reuse. Get medical help if irritation develops and persists.

<b>EYES:</b>	Rinse eyes IMMEDIATELY with clean running water for at least 15 minutes, while holding eyelids apart. Remove contact lenses after 5 minutes if present and easy to do. Continue rinsing while holding eyelids apart. Seek medical help if irritation continues.
<b>INGESTION:</b>	If swallowed, DO NOT induce vomiting, unless instructed to do so by poison control center or doctor. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person. If vomiting does occur, keep on giving fluids. Get medical help.
<b>NOTE TO PHYSICIAN:</b>	There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient.
<b>POTENTIAL HEALTH EFFECTS, ACUTE AND DELAYED:</b>	Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.

### RESISTANCE WARNING

**For resistance management:** PicoFlo 250 SC is a FRAC group code (11) fungicide. Any fungal population may contain individuals naturally resistant to PicoFlo 250 SC and other FRAC group code (11) fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi may not be controlled by PicoFlo 250 SC or any other FRAC group code (11) fungicides.

#### To prevent or 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.
- For tank mixing or alternation with products in other fungicide group codes, refer to individual product labels.
- Integrate other forms of control methods (chemical, cultural, biological) into disease control programmes.
- Where resistance has been confirmed or previously suspected do not apply PicoFlo 250 SC alone but in combination with a suitable partner from different fungicide group codes. This management strategy to prevent resistance should, however, not include fungicide products to which resistance has already developed in the past, or fungicides using the same mode of action.
- For specific information on resistance management contact the registration holder of this product or contact your local supplier.
- In order to minimise risk of small grain disease pathogens developing resistance against group code 11 fungicides, it is recommended to apply PicoFlo 250 SC in wheat and barley as tank mixtures with registered triazole fungicides (which has a different mode of action) like ENDURA® 125 SC (L8905) and Prothocol 480 SC (L11462), as per registration.
- DO NOT exceed two PicoFlo 250 SC tank mixture treatments per season in wheat or barley.
- Adhere to the dosage rates recommended on the label, DO NOT reduce dosage rate.
- DO NOT apply any other strobilurin, or related chemicals, in the same control programme with PicoFlo 250 SC.

### MODE OF ACTION

Picoxystrobin belongs to the strobilurin class of fungicides (FRAC group 11). Strobilurins, also known as QoI fungicides, inhibits mitochondrial respiration leading to an energy deficiency in the fungal cells by halting energy production causing fungal death (inhibiting spore germination, mycelial growth, and sporulation).

### USE RESTRICTIONS

**Soya beans ONLY:** Tank mixtures of PicoFlo 250 SC and Prothocol 480 SC are only recommended for crops intended for grazing. Consult the labels for USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS and DIRECTIONS FOR USE.

### DIRECTIONS FOR USE – use only as directed

#### COMPATIBILITY:

PicoFlo 250 SC is generally compatible with mancozeb, chlorothalonil, flusilazole and carbendazim products as well as ENDURA® 125 SC, Prothocol 480 SC and non-ionic adjuvant with spreading and penetrating properties. The compatibility of PicoFlo 250 SC with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. It is possible that formulations may change from time to time. It is therefore recommended that a small-scale physical compatibility test be done prior to the tank mixture being made. Always consult the labels of products to be tank mixed with PicoFlo 250 SC.

#### MIXING INSTRUCTIONS:

Half-fill the spray tank with water and ensure continuous agitation. Only use water suitable for irrigation. Shake the PicoFlo 250 SC container well before use. Replace cap directly after use.

#### Pre-mix PicoFlo 250 SC as follows:

Observe the following formulation mixing sequence if other products will be tank mixed with PicoFlo 250 SC: buffer/acidifier, wettable powders, water dispersible granules, suspension concentrates, emulsifying concentrates and soluble concentrates last.

- Pre-mix each product separately with a small volume of water before adding it to the spray tank.

Add the required quantity of PicoFlo 250 SC in at least 10 ℓ water and mix. Add the pre-mixture to the water and fill the tank to the required volume with clean water while maintaining agitation, to ensure thorough mixing of the spray mixture, before and during application. DO NOT allow tank mixture to settle and do not leave the prepared spray mixture in the spray tank for any length of time, e.g., overnight. Clean all equipment thoroughly after use and dispose of wastewater without polluting the environment.

#### APPLICATION:

- Ensure that the equipment is correctly calibrated and is checked regularly to ensure even and accurate application. Repeat the application if it rains within two (2) hours after application.

#### Aerial Application:

Aerial application of PicoFlo 250 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). Familiarise yourself and inform the pilot of the Stewardship requirements related to the aerial application of PicoFlo 250 SC. It is important to ensure that the spray mixture is evenly distributed 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:

- A spray mixture volume of 30 – 40 litres per hectare is recommended. However, this product has not been evaluated at a reduced volume rate, and the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended above.
- 30 – 40 droplets per cm<sup>2</sup> must be recovered at the target area.

- A droplet spectrum with a VMD of 280 – 300 microns is recommended. Fine droplets less than 150 micron (high drift and evaporation potential) should be limited to a minimum.
- Maintain the height of the spray boom at 3 – 4 metres above the target. Do not spray when the aircraft is diving, climbing or when banking.
- Use suitable atomizing 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 atomizers within the inner 60 – 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.
- When wind speed exceeds 15 km/h, stop spraying.
- During the heat (dry) of the day conditions can become turbulent and unstable. If so, stop spraying.
- 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:
  - a) reduced efficacy due to inadequate coverage caused by suspension and evaporation of small droplets in the air,
  - b) drifting of the spray mixture to non-target areas which may cause damage to other sensitive crops and contamination of such areas.
- Ensure that the aerial spray operator knows exactly which fields to spray.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Notify all inhabitants in the immediate vicinity of the lands to be sprayed and issue the necessary warnings. Do not spray over or allow spray drift to contaminate water or areas not under treatment.
- Assurance needs to be obtained from the Aerial Spray Operator that the requirements mentioned above will be met, and that relevant data will be compiled and kept in a logbook for future reference.

APPLICATION TABLE		
CROP / DISEASE	DOSAGE RATE per hectare or as indicated	REMARKS
<b>BARLEY</b> <b>Leaf spot</b> <i>(Rhynchosporium secalis)</i>  <b>Leaf rust</b> <i>(Puccinia hordei)</i>  <b>Net blotch</b> <i>(Pyrenophora teres)</i>  <b>Powdery mildew</b> <i>(Brumeria graminis)</i>	400 mℓ PicoFlo 250 SC/ha + 800 mℓ ENDURA® 125 SC/ha + *adjuvant  <b>OR</b>  400 mℓ PicoFlo 250 SC/ha + 150 mℓ Prothocol 480 SC/ha + *adjuvant	The first product application must be applied <b>STRICTLY PREVENTATIVE</b> before any symptoms are noticed.  Apply the first application <b>NOT LATER</b> than the 7-leaf stage. Apply a second application <b>3 – 4 weeks later</b> if disease pressure is evident (normally at flag leaf stage before appearance of the head).  <u>Ground application:</u> Apply in 200 – 300 ℓ of water per hectare. <u>Aerial application:</u> Apply in 30 – 40 ℓ of water per hectare. Refer to <b>aerial application instructions</b> above.
<b>MAIZE &amp; SWEETCORN</b> <b>Grey leaf spot</b> <i>(Cercospora zae-maydis)</i>  <b>Northern leaf blight</b> <i>(Exserohilum turcicum)</i>  <b>Rust</b> <i>(Puccinia sorghi)</i>	<b>PicoFlo 250 SC IS RECOMMENDED IN AN INTEGRATED DISEASE MANAGEMENT PROGRAMME. IN ORDER TO ACHIEVE CONSISTENT AND RELIABLE DISEASE CONTROL, PREVENTIVE FUNGICIDE APPLICATIONS ARE CRITICALLY IMPORTANT.</b>  ----- 400 mℓ PicoFlo 250 SC/ha + 800 mℓ ENDURA® 125 SC/ha + *adjuvant  ----- <u>Row application:</u> 135 mℓ PicoFlo 250 SC/100 ℓ water + 270 mℓ ENDURA® 125 SC/100 ℓ water + *adjuvant	Apply the first application of the <b>PicoFlo 250 SC</b> tank-mix at the <b>5 – 6 leaf stage</b> before any disease symptoms are noticed. A second application of the <b>PicoFlo 250 SC</b> tank-mix is <b>recommended 3 weeks later</b> . Under conditions of continued high disease pressure, a third application <b>3 weeks later</b> , with a *fusilazole plus *carbendazim product, is recommended.  In certain areas/conditions, where low disease presence is expected, apply a single application of the <b>PicoFlo 250 SC</b> tank-mix at the <b>5 – 6 leaf stage</b> . If extended disease control is however required, revert back to the above-mentioned follow-up applications of <b>PicoFlo 250 SC</b> .  <u>Ground application:</u> Apply as a full cover spray in 300 – 500 ℓ water per hectare. <u>Hand-held Spinning disk applicator:</u> Apply 50 – 70 ℓ water per hectare. <u>Aerial application:</u> Apply in 30 – 40 ℓ water per hectare. Refer to <b>aerial application instructions</b> above.  ----- <u>Row application:</u> <b>For low density plantings e.g. in the Free State and western parts of RSA.</b>  <b>This dosage is based on an overall ground application of 300 ℓ water per hectare.</b> Apply, using a tandem fitting with two solid- or hollow cone nozzles, mounted on the boom above each row. Use sufficient water (not less than 100 ℓ per hectare), to ensure total coverage of the plants.
<b>WARNING</b> <b>Maize applications:</b> The risk of Arrested Ear Syndrome (Blunt Ear Syndrome) increases dramatically when any applications (crop protection products, fertilisers, foliar feeds, adjuvants, etc) are made between the V10 – VT (10 <sup>th</sup> leaf collar – cob tassel emergence) growth stages of maize plants. Applications between the V10 – VT growth stages of the crop must be avoided as far as possible.		

<p><b>SOYA BEANS</b> Soya bean rust (<i>Phakopsora pachyrhizi</i>)</p>	<p><b>PicoFlo 250 SC IS RECOMMENDED IN AN INTEGRATED DISEASE MANAGEMENT PROGRAMME. IN ORDER TO ACHIEVE CONSISTENT AND RELIABLE DISEASE CONTROL, PREVENTIVE FUNGICIDE APPLICATIONS ARE CRITICALLY IMPORTANT.</b></p> <hr/> <p>300 mℓ <b>PicoFlo 250 SC</b>/ha + 600 mℓ <b>ENDURA® 125 SC</b>/ha + *adjuvant</p> <p><b>OR</b></p> <p>300 mℓ <b>PicoFlo 250 SC</b>/ha + 100 mℓ <b>Prothocol 480 SC</b>/ha + *adjuvant</p>	<p>Apply the first application of the <b>PicoFlo 250 SC</b> tank-mix at the <b>onset of flowering</b> before any disease symptoms are noticed. A second application of the <b>PicoFlo 250 SC</b> tank-mix is recommended <b>3 – 4 weeks later</b>.</p> <p>Under expected high disease pressure conditions, a 3-weekly spray interval is recommended.</p> <p><u>Ground application:</u> Apply as a full cover spray in 300 – 500 ℓ water per hectare.</p> <p><u>Aerial application:</u> Apply in 30 – 40 ℓ water per hectare. Refer to <b>aerial application instructions</b> above.</p>
<p><b>WHEAT</b> <b>Brown rust</b> (<i>Puccinia triticina</i>)</p> <p><b>Powdery mildew</b> (<i>Blumeria graminis tritici</i>)</p> <p><b>Stem rust</b> (<i>Puccinia graminis</i>)</p> <p><b>Speckled leaf and Glume blotch</b> (<i>Septoria</i> spp.)</p>	<p>400 mℓ <b>PicoFlo 250 SC</b>/ha + 800 mℓ <b>ENDURA® 125 SC</b>/ha + *adjuvant</p> <p><b>OR</b></p> <p>400 mℓ <b>PicoFlo 250 SC</b>/ha + 150 mℓ <b>Prothocol 480 SC</b>/ha + *adjuvant</p>	<p>The first product application must be applied <b>STRICTLY PREVENTATIVE</b> before any symptoms are noticed.</p> <p>Apply the first application <b>between the 5 and 7-leaf stage</b>. Apply a second application <b>3 – 4 weeks later</b> if disease pressure is evident (normally at flag leaf stage before appearance of the head).</p> <p><u>Ground application:</u> Apply in 200 – 300 ℓ of water per hectare.</p> <p><u>Aerial application:</u> Apply in 30 – 40 ℓ of water per hectare. Refer to <b>Aerial application instructions</b> above.</p>

**ENDURA® 125 SC** (Reg. No. L8905, Act 36 of 1947) and **Prothocol 480 SC** (Reg. No. L11462, Act 36 of 1947) are registered products of ICA International Chemicals.

\* Only use registered products in spray programmes. Consult the product labels for **USE RESTRICTIONS, WARNINGS** (including RESISTANCE WARNINGS), **PRECAUTIONS** and **DIRECTIONS FOR USE**.

PICOX001

# PicoFlo 250 SC

Wet Nr. 36 van 1947  
SA Reg. Nr. L11542

'n **Suspensie konsentraat, sistemiese en translaminêre aksie swamdoder vir die voorkomende beheer van siektes op gewasse soos gelys.**

## AKTIEWE BESTANDEDEEL:

Pikoksistrobien (strobilurien) ..... 250 g/ℓ

## GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd., Reg. Nr. 2001/013319/07  
Plankenstraat 28 • Plankenbrug Industrieël • Stellenbosch • 7600 • Suid-Afrika  
Tel. +27-21 886-9812 • www.icaonline.co.za

## WAARSKUWINGS

Veroorsaak ernstige oogirritasie  
Baie giftig vir waterlewende organismes met langdurige gevolge

**ONTHOUDINGS PERIODES** (Minimum aantal dae tussen laaste toediening en oes of beweiding):

- ▶ *Gars* ..... 50 Dae
- ▶ *Koring* ..... 35 Dae
- ▶ *Koring & Gars (weiding)* ..... 35 Dae
- ▶ *Mielies & Suikermielies* ..... 28 Dae
- ▶ *Sojabone* ..... 56 Dae
- ▶ *Sojabone (weiding)* ..... 28 Dae

Nakoming van hierdie onthoudingsperiodes en toedieningsmetodes sal verseker dat die plaaslike maksimum residu limiete (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoervereistes van ander lande nie. Indien die gewas wat behandel gaan word, bestem is vir uitvoer, raadpleeg die betrokke in- of uitvoerder rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **PicoFlo 250 SC** as gewasveilig beskou word op meeste van die belangrike kultivars, beteken dit nie dat 'n meer sensitiewe kultivar in die toekoms op die mark kan kom nie. **PicoFlo 250 SC** moet eers op nuwe kultivars getoets word voordat dit oor groot areas aangewend word.

**HERBETREDINGSINTERVAL:** Moenie behandelde gebied betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word. Beskermende oorklere moet gewas word na gebruik.

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 grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander produkte wat nie op die etiket aangedui is nie en die voorkoms van weerstand teen die betrokke middel, sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effekte op mens of dier of vir 'n gebrek aan doeltreffendheid, as gevolg van die versuim van die gebruiker om die 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 geval van enige onsekerheid.

## VOORSORGMATREËLS

Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand.  
Hou buite bereik van kinders.  
Lees sorgvuldig en volg alle instruksies.  
Was hande en gesig deeglik na hantering. Moenie aan oë raak nie.  
INDIEN IN OË: Spoel versigtig met water vir etlike minute. Verwyder kontaklense indien aanwesig en maklik om te verwyder. Hou aan met spoel.  
Indien oogirritasie voortduur: Kry mediese hulp.  
Vermyn vrystelling in die omgewing.  
Dra beskermende handskoene, beskermende klere, oog- en gesigbeskerming.  
Maak stortsel bymekaar.  
Raak ontslae van inhoud en houer in ooreenstemming met nasionale regulasies.

**SPOEL DIE LEË HOUER DRIE MAAL SOOS VOLG:** Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes totdat die vloei tot 'n gedrup verminder het. Spoel daarna die leë houer drie keer uit met vars water, teen 'n kwart van die houer se volume, en giet die spoelwater in die spuit- of mengtenk. Kap gate in die drie keer gespoelde houer, waarna dit aan 'n goedgekeurde versamelaar of verwerker oorhandig moet word (www.croplife.co.za). Moenie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie.

## RELEVANTE STOWWE:

Pikoksistrobien (Cas no: 117428-22-5) Akute Giftigheid Inaseming Kategorie 4, H332; Oogirritasie Kategorie 2, H319; Waterlewend Akut Kategorie 1, H400; Waterlewend Kronies Kategorie 1, H410 (25 % m/v).

## NOODHULP BEHANDELING

**In geval van 'n ongeluk of as jy onwel voel, verkry onmiddellik mediese advies en wys hierdie ETIKET waar moontlik**

### INASEMING:

Neem die slagoffer weg van die onmiddellike bron van blootstelling. Verskuif die slagoffer na vars lug as dit veilig gedoen kan word en hou gemaklik. Indien die slagoffer ophou asemhaal, pas kunsmatige asemhaling toe. Dien suurstof toe as die slagoffer se asemhaling moeilik of onreëlmagtig is. Verkry mediese hulp.

### VEL:

Verwyder en isoleer besmette klere, skoene en leergoedere dadelik en stort.

Spoel aangetaste areas (vel) onmiddellik met nieskurende seep of sagwerkende wasmiddel en groot hoeveelhede lopende water. Was besmette klere voor hergebruik. Kry mediese hulp indien irritasie ontwikkel en voortduur.

**Oë:** Spoel oë ONMIDDELLIK met skoon lopende water vir ten minste 15 minute terwyl die ooglede vanmekaar gehou word. Verwyder kontaklense na 5 minute indien aanwesig en maklik om te doen. Hou aan met spoel terwyl ooglede vanmekaar gehou word. Kry mediese hulp indien irritasie voortduur.

**OPNEMING:** Indien ingesluk, MOENIE vomering indueër nie, tensy 'n gifsentrum of dokter opdrag gee om dit te doen. Laat die persoon slukkies water neem indien dit moontlik is om te sluk. Moet nooit iets per mond aan 'n bewuslose persoon gee nie. Indien die persoon wel vomeer, hou aan om vloeiwater te gee. Verkry mediese hulp.

**NOTA AAN GENEESHEER:** Daar is nie 'n spesifieke teenmiddel nie. Alle behandeling moet gebaseer word op waargenome tekens en simptome van nood by die pasiënt.

**MOONTLIKE GESONDHEIDSGEVOLGE, AKUUT EN VERTRAAGD:** Gevolge van blootstelling (inaseming, opneming of velkontak) aan stof kan vertraag wees.

## WEERSTANDSWAARSKUWING

**Vir weerstandsbestuur:** PicoFlo 250 SC is 'n FRAC groeppode (11) swamdoder. Enige swam populasie mag individue insluit wat 'n natuurlike weerstand teen PicoFlo 250 SC, of enige ander FRAC groeppode (11) swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swam populasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur PicoFlo 250 SC of enige ander FRAC groeppode (11) swamdoder beheer word nie.

### Om weerstand te vertraag:

- Vermoed die herhaaldelike gebruik van swamdoders met dieselfde groeppode. Wissel af met, of gebruik tenkingsels van produkte in verskillende swamdoder groeppodes.
- Raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkingsels gemaak word, met produkte in ander swamdoder groeppodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.
- Waar weerstand bekend is of vermoed word, moet PicoFlo 250 SC nie alleen toegedien word nie. Gebruik 'n tenkingsel met 'n geregistreerde swamdoder van 'n ander swamdoder groeppode. Hierdie bestuurstrategie om weerstand te voorkom, moet egter nie swamdoder produkte insluit waar weerstand in die verlede aangemeld is nie, of dieselfde metode van werking bevat nie.
- Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk of jou plaaslike verskaffer.
- Om die risiko van patogene weerstand teen kleingraan gewasse soos koring en gars teen groeppode 11 swamdoders te verlaag, word dit aanbeveel om PicoFlo 250 SC as 'n tenkingsel met geregistreerde triasool swamdoders (wat 'n ander metode van werking het) soos ENDURA® 125 SC (L8905) en Prothocol 480 SC (L11462), soos per registrasie, aan te wend.
- MOENIE meer as twee PicoFlo 250 SC tenkingsels per seisoen in koring of gars toedien nie.
- Gebruik slegs die aanbevole dosisse wat op die etiket aangedui word, MOENIE die dosisse verlaag nie.
- MOENIE enige ander strobilurien, of verwante chemikalieë in dieselfde beheerprogram as PicoFlo 250 SC toedien nie.

## GEBRUIKSBEPERKINGS

**SLEGS Sojabone:** Tenkingsels van PicoFlo 250 SC en Prothocol 480 SC word slegs aanbeveel vir gewasse wat vir weiding bestem is. Raadpleeg die betrokke etikette vir **GEBRUIKSBEPERKINGS, WAARSKUWINGS (insluitend WEERSTANDSWAARSKUWING), VOORSORGMATREËLS EN GEBRUIKSAANWYSINGS.**

## GEBRUIKSAANWYSINGS – gebruik slegs soos aangedui

### VERENIGBAARHEID:

PicoFlo 250 SC is verenigbaar met mankoseb, chlorothalonil, flusilasool en karbendasim produkte, sowel as ENDURA® 125 SC, Prothocol 480 SC en nie-ioniese bevorderingsmiddels (benatters) met verspreidings en penetrerende eienskappe. Die verenigbaarheid van PicoFlo 250 SC met produkte hang af van die formulering van die betrokke produkte asook die kwaliteit van die water wat gebruik gaan word. Dit is moontlik dat formulering van tyd tot tyd kan verander, en dus word daar aanbeveel dat 'n kleinskaalse fisiese verenigbaarheidstoets (fles toets) uitgevoer word, voordat 'n tenkingsel gemaak word. Raadpleeg individuele produk etikette van wat in tenkingsel saam met PicoFlo 250 SC gebruik gaan word.

### MENGINSTRUKSIES:

Vul die spuitnek halfvol met skoon water, en maak seker dat spuitnek deurentyd gemeng word. Skud die PicoFlo 250 SC houër deeglik voor gebruik. Plaas prop terug op houër direk na gebruik.

### Meng PicoFlo 250 SC vooraf as volg:

Let op die volgende mengvolgorde van die formulering indien ander produkte saam met PicoFlo 250 SC in 'n tenkingsel toegedien word: buffer/versuurder, benatbare poeiers, waterdispergeerbare korrels, suspensie konsentraat, emulgeerbare konsentrate en oplosbare konsentrate laaste.

- Meng elke produk afsonderlik met 'n klein hoeveelheid water voordat dit in die spuitnek gevoeg word.

Voeg die benodigde hoeveelheid PicoFlo 250 SC by ongeveer 10 ℓ water en meng goed. Voeg die mengsel by die tenk en vul met skoon water tot by finale volume. Maak seker dat die spuitnek voortdurend gemeng word om vermenging te verseker voor en tydens toediening. Aangemaakte spuitmengsel MOENIE in die spuitnek gelaat word vir onbepaalde tyd, bv. oornag nie. Maak alle toerusting deeglik skoon na gebruik en gooi afvalwater weg waar dit nie die omgewing sal besoedel nie.

### TOEDIENING:

- Maak seker dat die spuittoerusting korrek gekalibreer is en gaan gereeld na om seker te maak dat die toediening egalig en akkuraat is. Herhaal toediening indien dit binne twee (2) ure na aanwending reën.

### Lugbespuiting:

PicoFlo 250 SC mag slegs deur 'n geregistreerde lugbespuitingsoperateur toegedien word. Die geregistreerde vliegtuig moet aan die SANS Kode 10118 (Aerial Application of Agricultural Pesticides) vereistes voldoen en korrek gekalibreer wees. Vergewis self en stel die vliegtuigloods in kennis van die Rentmeesterskap-vereistes wat verband hou met die lugbespuiting van PicoFlo 250 SC Dit is belangrik om te verseker dat die spuitmengsel eweredig oor die teikengebied versprei word en dat die verlies aan spuitmateriaal tydens toediening tot 'n minimum beperk word. Dit is dus belangrik om aan die volgende vereistes te voldoen:

- 'n Suiptvolume van 30 – 40 liter per hektaar word aanbeveel. Hierdie produk is egter nie teen 'n verlaagde volume getoets nie, en die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige gevolge indien die produk teen 'n laer volume toegedien word nie.
- 30 – 40 druppels per cm<sup>2</sup> moet op die teikenarea herwin word.
- 'n Druppelspektrum met 'n VMD van 280 – 300 mikron word aanbeveel. Druppels kleiner as 150 mikron (hoë drywing en verdampingspotensiaal) moet tot 'n minimum beperk word.
- Handhaaf die hoogte van die spuitbalk op 3 – 4 meter bo die teiken. Moet nie spuit as die vliegtuig duik, klim of draai nie.
- Atomiseringsapparaat moet die vereiste druppelgrootte en bedekking produseer en 'n druppelspektrum wat die kleinste moontlike relatiewe span bewerkstellig. Atomiseerders moet ook so geplaas word om te verhoed dat druppels binne-in die vlerkpuntvorteks beweeg. Hierdie aspekte sal die minste verlies van produk verseker.
- Plaas die atomiseerder in die binneste 60 – 75 % van die vlerkspan om te verhoed dat die druppels in die vlerkpuntvorteks beland.
- Indien temperatuur tussen die nat- en droëboltermometer van 'n swaaihigrometer, 8 °C oorskry, moet toediening gestaak word.
- As windspoed 15 km/u oorskry, moet toediening gestaak word.
- Droë toestande gedurende die hitte van die dag lei tot turbulente en onstabiele omstandighede en toediening moet gestaak word.
- Bespuiting onder temperatuur inversie toestande (deur bo of binne die inversie laag te spuit) en/of hoë lugvog toestande (relatiewe humiditeit 80 % en meer) mag tot die volgende probleme aanleiding gee:
  - a) verlaagde doeltreffendheid aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).
  - b) skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.
- Maak seker dat die Lugbespuitingsoperateur presies weet watter lande gespuit moet word.
- Stel alle inwoners in kennis in die onmiddellike omgewing van die gebied wat bespuit gaan word en reik die nodige waarskuwings uit. Moet nie oor water of aangrensende gebiede wat nie onder behandeling is spuit nie en voorkom dat die spuitnewel na hierdie gebiede oorwaai.
- Versekering van die Lugbespuitingsoperateur moet verkry word dat aan bogenoemde vereistes voldoen sal word en dat data vir toekomstige verwysing in 'n logboek saamgevat is.

TOEDIENINGS TABEL		
GEWAS / SIEKTE	DOSIS per hektaar of soos aangedui	AANBEVELINGS
<b>GARS</b> <b>Blaarvlek</b> <i>(Rhynchosporium secalis)</i>  <b>Blaarroes</b> <i>(Puccinia hordei)</i>  <b>Netvlek</b> <i>(Pyrenophora teres)</i>  <b>Poeieragtige meeldou</b> <i>(Brumeria graminis)</i>	400 ml PicoFlo 250 SC/ha + 800 ml ENDURA® 125 SC/ha + *benatter  <b>OF</b>  400 ml PicoFlo 250 SC/ha + 150 ml Prothocol 480 SC /ha + *benatter	Die eerste toediening moet <b>STRENG VOORKOMEND</b> toegedien word, voordat enige simptome waargeneem word.  Die eerste toediening moet <b>NIE LATER</b> as die 7-blaar stadium toegedien word nie. Dien 'n tweede bespuiting toe <b>3 – 4 weke later</b> onder toestande met siektedruk (gewoonlik tydens vlagblaarstadium voordat die aar verskyn).  <u>Grondtoediening:</u> Dien toe in 200 – 300 ℓ water per hektaar. <u>Lugbespuiting:</u> Dien toe in 30 – 40 ℓ water per hektaar. Raadpleeg die <b>aanwysings vir lugbespuiting hierbo</b> .
<b>KORING</b> <b>Bruinroes</b> <i>(Puccinia triticina)</i>  <b>Poeieragtige meeldou</b> <i>(Blumeria graminis tritici)</i>  <b>Stamroes</b> <i>(Puccinia graminis)</i>  <b>Vaalblaar en Bruinaarsiekte</b> <i>(Septoria spp.)</i>	400 ml PicoFlo 250 SC/ha + 800 ml ENDURA® 125 SC/ha + *benatter  <b>OF</b>  400 ml PicoFlo 250 SC/ha + 150 ml Prothocol 480 SC/ha + *benatter	Dien eerste bespuiting <b>STRENG VOORKOMEND</b> toe, voor enige simptome waargeneem word.  Dien eerste bespuiting <b>tussen die 5 en 7-blaar stadium</b> toe. Dien 'n tweede bespuiting <b>3 – 4 weke later</b> toe indien siektedruk teenwoordig is (gewoonlik teen vlagblaarstadium, voor aar verskyning).  <u>Grondtoediening:</u> Dien toe in 200 – 300 ℓ water per hektaar. <u>Lugbespuiting:</u> Dien toe in 30 – 40 ℓ water per hektaar. Raadpleeg die <b>aanwysings vir lugbespuiting hierbo</b> .
<b>MIELIES &amp; SUIKERMIELIES</b> <b>Grysblaarvlek</b> <i>(Cercospora zae-maydis)</i>  <b>Noordelike blaarskroei</b> <i>(Exserohilum turcicum)</i>  <b>Roes</b> <i>(Puccinia sorghi)</i>	PicoFlo 250 SC WORD IN 'N GEÏNTEGREERDE SIEKTEBEHEERPROGRAM AANBEVEEL. VIR KONSEKWENTE EN BETROUBARE BEHEER VAN SIEKTES, IS VOORKOMENDE SWAMDODER AANWENDING VAN KRITIEKE BELANG.  400 ml PicoFlo 250 SC/ha + 800 ml ENDURA® 125 SC/ha + *benatter	Dien die eerste toediening van die <b>PicoFlo 250 SC</b> tenkmengsel toe tydens die <b>5 – 6 blaarstadium</b> voordat enige siekte simptome waargeneem word. 'n Tweede toediening van die <b>PicoFlo 250 SC</b> tenkmengsel word <b>3 weke later aanbeveel</b> . Onder toestande met voortgesette hoë siektedruk, word 'n derde toediening <b>3 – 4 weke later</b> met <b>*flusilasool</b> plus <b>*karbendasim</b> aanbeveel. In sekere areas/toestande, waar lae siektedruk verwag word, kan 'n enkele <b>PicoFlo 250 SC</b> tenkmengsel op die <b>5 – 6 blaarstadium</b> toegedien word. Indien verlengde siektebeheer egter benodig word, moet die bogenoemde opvolgtoedienings gemaak word.  <u>Grondtoediening:</u> Dien toe as 'n voldekbepuiting in 300 – 500 ℓ water per hektaar. <u>Handgedraagte roterende skyf toediener:</u> Dien toe in 50 – 70 ℓ water per hektaar <u>Lugbespuiting:</u> Dien toe in 30 – 40 ℓ water per hektaar. Raadpleeg die <b>aanwysings vir lugbespuiting hierbo</b> .

	<p style="text-align: center;"><u>Ry-toediening:</u>  135 mℓ <b>PicoFlo 250 SC</b>/100 ℓ water  +  270 mℓ <b>ENDURA® 125 SC</b>/100 ℓ water  +  *<b>benatter</b></p>	<p><u>Ry-toediening:</u>  <b>Vir lae digtheid aanplantings soos byvoorbeeld in die Vrystaat en westelike dele van RSA.</b></p> <p><b>Hierdie dosis is gebaseer op 'n algehele grondtoediening van 300 ℓ water per hektaar.</b> Wend aan met behulp van 'n tandem koppelstuk met twee soliede holkeel spuitpunte of twee holkeel spuitpunte, gemonteer op die spuitbalk bo elke ry. Gebruik genoegsame water (nie minder nie as 100 ℓ per hektaar) om totale bedekking van al die plante te verseker.</p>
--	--	--

**WAARSKUWING**

**Mielietoediening:** Die risiko van gestremde kopontwikkeling of “Arrested Ear Syndrome” (AES) op mielies neem dramaties toe wanneer enige toedienings (gewasbeskerminsprodukte, kunsmis, blaarvoeding, byvoegmiddels, ens.) tussen die V10 – VT (10de blaar tot pluim verskyning) stadiums toegedien word. Toedienings tussen die V10 – VT groeistadiums van die gewas moet sover moontlik vermy word.

<p><b>SOJABONE</b>  <b>Sojaboon roes</b>  <i>(Phakopsora pachyrhizi)</i></p>	<p style="text-align: center;"><b>PicoFlo 250 SC WORD IN 'N GEÏNTEGREERDE SIEKTESBESTUURSPROGRAM AANBEVEEL. VIR KONSEKWENTE EN BETROUBARE SIEKTEBEHEER, IS VOORKOMENDE SWAMDODER AANWENDING VAN KRITIEKE BELANG</b></p> <p style="text-align: center;">300 mℓ <b>PicoFlo 250 SC</b>/ha  +  600 mℓ <b>ENDURA® 125 SC</b>/ha  +  *<b>benatter</b></p> <p style="text-align: center;"><b>OF</b></p> <p style="text-align: center;">300 mℓ <b>PicoFlo 250 SC</b>/ha  +  100 mℓ <b>Prothocol 480 SC</b>/ha  +  *<b>benatter</b></p>	<p>Dien die eerste toediening van die <b>PicoFlo 250 SC</b> tenkmengsel toe met die <b>aanvang van die blom</b> voordat enige simptome opgemerk word. 'n Tweede toediening van die <b>PicoFlo 250 SC</b> tenkmengsel word <b>3 – 4 weke later</b> aanbeveel.</p> <p>Onder verwagte hoë siektedruk toestande word 'n 3-weeklikse spuitinterval aanbeveel</p> <p><u>Grondtoediening:</u>  Dien toe as 'n voldekbepuiting in 300 – 500 ℓ water per hektaar.</p> <p><u>Lugbespuiting:</u>  Dien toe in 30 – 40 ℓ water per hektaar.</p> <p>Raadpleeg die <b>aanwysings vir lugbespuiting hierbo.</b></p>
--	--	--

**ENDURA® 125 SC** (Reg. Nr. L8905, Wet 36 van 1947) en **Prothocol 480 SC** (Reg. Nr. L11462, Wet 36 van 1947) is geregistreerde produkte van ICA International Chemicals.

\* Gebruik slegs geregistreerde produkte in spuitprogram. Raadpleeg die etikette vir **GEBRUIKSBEPERKINGS, WAARSKUWINGS** (insluitend WEERSTANDSWAARSKUWINGS), **VOORSORGMATREËLS** en **GEBRUIKSAANWYSINGS**.

PICOX001