



# REDIGO®

15 l

## Seed Treatment

A flowable concentrate systemic seed dressing for the control of the diseases mentioned on wheat and barley.

contains:  
Prothioconazole (triazole)





SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

Reg. No. L8616 (Act No. 36 of 1947)

**A flowable concentrate systemic seed dressing for the control of the diseases mentioned on wheat and barley.**

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L8616 (Wet Nr. 36 van 1947)

**'n Vloeibare konsentraat sistemiese saadbehandelingsmiddel vir die beheer van die genoemde siektes op koring en gars.**

GROUP / GROEP

3

FUNGICIDE / SWAMDODER



**WARNING**

**HAZARD STATEMENTS:**

May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS:**

Wear protective gloves/ protective clothing/ eye protection/ face protection.  
Protect from sunlight.

**Active ingredient:**

Prothioconazole (triazole).....100 g/l

**Aktiewe bestanddeel:**

Prothioconazole (triazole).....100 g/l

**REGISTERED BY / GEREJISTREER DEUR:**

Bayer (Pty) Ltd / (Edms) Bpk  
Reg. 1968/011192/07  
P.O. Box/Posbus 143, Isando, 1600  
South Africa/Suid-Afrika

TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911

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

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Redigo® is 'n geregistreerde handelsmerk van die Bayer Groep.

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BATCH NUMBER / LOTNOMMER: See on pack

DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr.: 3082

**Bayer**

RSA/0124/Redigo FS100 15L/  
Back Booklet Code: ZA86196123F

## **WARNINGS:**

### **HAZARD STATEMENTS:**

- May cause an allergic skin reaction.
- Very toxic to aquatic life with long lasting effects.

- TREAT ONLY SEED THAT IS TO BE USED FOR PLANTING PURPOSES. NEVER USE TREATED SEED FOR HUMAN CONSUMPTION OR ANIMAL FEED.
- Use **Redigo** only for the treatment of high quality cleaned seed.
- Store away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning CALL A DOCTOR AND MAKE LABEL AVAILABLE TO HIM/HER.
- Optimal seedbed conditions are necessary for rapid germination and emergence of small grains. Thorough seedbed preparation is essential for success. It is known that reduced crop emergence can be caused by adverse factors such as: a very dry, exceptionally loose and cloddy seedbed, soils that tend to crust (surface compaction), water logging, drilling/sowing too deep (more than 50 mm) or too shallow (less than 20 mm), use of seed with low germination capacity and vigor etc. Should surface compaction of the soil take place after planting and before emergence, this must be broken by means of a suitable implement.
- **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 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:**

### **PRECAUTIONARY STATEMENTS:**

- Wear protective gloves/ protective clothing/ eye protection/ face protection.
- Protect from sunlight.

- Wash with soap and water immediately after use.
- Do not eat, drink or smoke whilst applying or before washing hands and face.
- Rinse empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsings to the contents of the mixing tank before disposing of the container.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.
- Handle treated seed carefully and clearly mark the bags which contain treated seed "POISONOUS" and never use the seed bags again for other purposes.
- The container is rinsed by filling one quarter to one-third with clean water, replacing the cap and shaking vigorously for 30 seconds. The rinse is then added to the contents of the spray tank. This rinsing procedure is repeated a further two times (i.e. three times in all) with a final draining into the spray tank. Rinsed containers should then be punctured and stored safely with their caps off until they can be properly disposed of.

**RELEVANT SUBSTANCES:**

| Formulation component                                                                         | CAS Number  | Conc. (%)            |
|-----------------------------------------------------------------------------------------------|-------------|----------------------|
| Prothioconazole                                                                               | 178928-70-6 | 8.70                 |
| Polyarylphenylether sulfate, ammonium salt                                                    | 119432-41-6 | > 1 – < 5            |
| 3-Hydroxy-2'-methyl-2-naphthanilide                                                           | 135-61-5    | >= 0,1 – < 1,0       |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9  | > 0.00015 – < 0.0015 |

**RESISTANCE MANAGEMENT:**

For resistance management, **Redigo** is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **Redigo** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Redigo** or any other group code 3 fungicide.

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

**DIRECTIONS FOR USE:** USE ONLY AS DIRECTED

Seed must only be treated by means of industrial seed dressing machines. The machines should be checked at regular intervals to ensure that the correct quantity of **Redigo** is used and that the seed is thoroughly covered with the fungicide.

To ensure thorough coverage of the seed it is recommended that **Redigo** is diluted with water in a ratio of 1:3 (100 ml **Redigo** + 300 ml water per 100 kg seed). The quantity of water added to **Redigo** may, however, vary depending on the type of seed treatment machine used and the quality of the seed.

Shake the container well before use. Add the required volume of **Redigo** to the water whilst agitating.

Do not apply treated seed from an aircraft.

Planters must be calibrated with **Redigo** treated seed to ensure the correct planting density.

**APPLICATION TABLE:**

| CROP/DISEASE                                                                                                           | DOSAGE             | REMARKS                                                                              |
|------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|
| <b>WHEAT</b><br>Stinking smut ( <i>Tilletia</i> spp.)<br><br>Loose smut ( <i>Ustilago tritici</i> ) (Suppression only) | 100 ml/100 kg seed | Ensure even and thorough coverage of the seed.<br><br>See: <b>DIRECTIONS FOR USE</b> |
| <b>BARLEY</b><br>Covered smut ( <i>Ustilago hordei</i> )<br><br>Loose smut ( <i>Ustilago nuda</i> )                    | 100 ml/100 kg seed | Ensure even and thorough coverage of the seed.<br><br>See: <b>DIRECTIONS FOR USE</b> |

## WAARSKUWINGS:

### GEVAARVERKLARINGS:

- Mag allergiese velreaksie veroorsaak.
- Baie giftig vir waterlewende organismes met langdurige gevolge.

- BEHANDEL SLEGS SAAD WAT GEPLANT GAAN WORD. MOET NOOIT BEHANDELDE SAAD AS VOEDSEL OF VOER GEBRUIK NIE.
- Gebruik **Redigo** slegs vir die behandeling van hoë gehalte skoongemaakte saad.
- Bewaar weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In die geval van vergiftiging ONTBIED 'N GENEESHEER EN TOON ETIKET AAN HOM/HAAR.
- Optimale saadbedtoestande is 'n vereiste vir vinnige ontkiëring en opkoms van kleingraan. Deeglike saadbedvoorbereiding is dus noodsaaklik vir sukses. Dit is bekend dat opkoms nadelig beïnvloed mag word deur faktore soos: 'n baie droë-, buitengewoon los- en kluitrige saadbed, gronde wat neig om toe te slaan (oppervlakte kompaksie), versuip-toestande, te diep (meer as 50 mm) of te vlak (minder as 20 mm) plant/saai diepte, die gebruik van saad met 'n lae persentasie ontkiëring en swak kiemkragtigheid ens. Indien oppervlakte kompaksie voorkom na plant en voor opkoms moet die kors gebreek word met 'n geskikte implement.
- **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 BEÏNVOLOED KAN WORD DEUR FAKTORE SOOS ABNORMALE GROND-, KLIMAATS- EN BERGINGSTOESTANDE; VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE EN DIE VOORKOMS VAN WEERSTAND VAN DIE SIEKTE 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 EFFEK OP MENS OF DIER OF VIR 'N GEBREK AAN PRESTASIE AS GEVOLG VAN DIE VERSUIM VAN DIE GEBRUIKER OM 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 DIE GEVAL VAN ENIGE ONSEKERHEID.**

## VOORSORGMAATREËLS:

### VOORSORGsverklarings:

- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.
- Beskerm teen sonlig.

- Was dadelik met seep en water onmiddellik na hantering.
- Moet nie eet, drink of rook tydens toediening of voordat hande en gesig gewas is nie.
- Spoel leë houer drie keer uit met 'n volume water gelyk aan ten minste een tiende van die houer en voeg die uitspoelwater by die inhoud van die mengbak voordat die houer vernietig word.
- Vernietig leë houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Hanteer behandelde saad versigtig. Merk sakke wat behandelde saad bevat duidelik "GIFTIG" en moet nooit die saadsakke vir enige ander doel gebruik nie.

## RELEVANTE STOWWE:

| Formulation component                                                                         | CAS Number  | Conc. (%)            |
|-----------------------------------------------------------------------------------------------|-------------|----------------------|
| Prothioconazole                                                                               | 178928-70-6 | 8.70                 |
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## WEERSTANDSBESTUUR:

Vir weerstandsbestuur is **Redigo** 'n groepkode 3 swamdoder. Enige swampopulasie mag individue insluit wat 'n natuurlike weerstand teen **Redigo** en ander groepkode 3 swamdoders het. Indien hierdie swamdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **Redigo** of enige ander groepkode 3 swamdoder beheer word nie.

**Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.**

## GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANBEVEEL

Saad mag slegs behandel word met behulp van industriële saadbehandelingsmasjiene. Die masjiene moet met gereelde intervalle nagegaan word om te verseker dat die korrekte hoeveelheid **Redigo** aangewend word en dat saad deeglik bedek word met die swamdoder.

Om deeglike bedekking van saad te verseker word aanbeveel dat **Redigo** verdun word met water in 'n verhouding van 1:3 (100 ml **Redigo** + 300 ml water per 100 kg saad). Die hoeveelheid water wat by **Redigo** gevoeg word mag egter varieër afhangende van die tipe saadbehandelingsmasjien wat gebruik word en die kwaliteit van die saad.

Skud die houer deeglik voor gebruik. Voeg die nodige volume **Redigo** by die water terwyl geroer word.

Moet nie behandelde saad met 'n vliegtuig toedien nie.

Planters moet gekalibreer word met saad wat met **Redigo** behandel is om die korrekte plantdigtheid te verseker.

## TOEDIENINGSTABEL:

| GEWAS/SIEKTE                                                                                                          | TOEDIENINGS-HOEVEELHEID | OPMERKINGS                                                                                |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------|
| <b>KORING</b><br>Stinkbrand ( <i>Tilletia</i> spp.)<br><br>Losbrand ( <i>Ustilago tritici</i> ) (Slegs onderdrukking) | 100 ml/100 kg saad      | Verseker eweredige en deeglike bedekking van saad.<br>Sien: <b>GEBRUIKSAANWYSINGS</b>     |
| <b>GARS</b><br>Bedekte brand ( <i>Ustilago hordei</i> )<br><br>Losbrand ( <i>Ustilago nuda</i> )                      | 100 ml/100 kg seed      | Verseker eweredige en deeglike bedekking van saad.<br><br>Sien: <b>GEBRUIKSAANWYSINGS</b> |