



# EMESTO<sup>®</sup>

SILVER

15 l

## Fungicide

A flowable concentrate systemic fungicide for the control of stem canker and black scurf on potatoes.

contains:  
Penflufen (pyrazole)  
Prothioconazole (triazole)






# EMESTO<sup>®</sup>

## SILVER

SEE ENCLOSED LEAFLET FOR FULL DETAILS

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE  
BESONDERHEDE

Reg. No. L11148 (Act No. 36 of 1947)

Reg. Nr. L11148 (Wet Nr. 36 van 1947)

**A flowable concentrate systemic fungicide for the control of stem canker and black scurf on potatoes.**

**'n Vloeibare konsentraat sistemiese swamdoder vir die beheer van stamkanker en swartskurf op aartappels.**

GROUP / GROEP	7	FUNGICIDE / SWAMDODER
GROUP / GROEP	3	FUNGICIDE / SWAMDODER



**WARNING**

**HAZARD STATEMENTS:**

Very toxic to aquatic life with long lasting effects.  
Contains 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1). May produce an allergic reaction.

**PRECAUTIONARY STATEMENTS:**

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

**Active ingredients:**

Penflufen (pyrazole)..... 100 g/l  
Prothioconazole (triazole) ..... 18 g/l

**Aktiewe bestanddele:**

Penflufen (pyrazole)..... 100 g/l  
Prothioconazole (triazole)..... 18 g/l

**REGISTERED BY / GEREGISTREER DEUR:**

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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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BATCH NUMBER / LOTNOMMER: See on pack  
DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr.: 3082

**Bayer**

RSA/1122/Emesto Silver 15L/  
Back Booklet Code: ZA85385534B

## **WARNINGS:**

### **HAZARD STATEMENTS:**

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- Contains 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1). May produce an allergic reaction

## **POTATOES: DO NOT HARVEST WITHIN 75 DAYS OF APPLICATION.**

**NOTE:** The recommended withholding period between the application and harvest meets **local** residue requirements but may not meet export requirements. If the crop to be treated is intended for the export market, consult the relevant exporting organization regarding MRL requirements and withholding periods. When this product is used according to the label recommendations set herein, the local MRL will not be exceeded. Bayer (Pty) Ltd can however not be held liable for export crops exceeding the import tolerances of other countries.

Handle with care.

Store in a cool, dry place, away from food and feed.

Keep out of reach of children, uninformed persons and animals.

Harmful when swallowed. Avoid contact with eyes, skin or clothing.

Re-entry - Do not handle treated soil and/or tubers after planting 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 SOIL, CLIMATIC AND STORAGE CONDITIONS, QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF THE DISEASES TO THE REMEDY CONCERNED AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE DONE 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

Overall, goggles and rubber gloves should be worn during handling of the product as well as by workers on the planter/application equipment.

Wash hands and entire body with soap and water after use.

Wash contaminated clothing after use.

Do not eat, drink or smoke while mixing or applying the product and wash hands and face before doing so.

Avoid drift of spray onto other crops, grazing, rivers, dams, boreholes and areas not under treatment.

Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.

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

Keep containers tightly closed in a dry, cool and well-ventilated place.

Store in original container.

Store in a cool place away from food, drinks and animal feedstuffs.

Rinse empty container three times with a volume water equal to at least one tenth of that of the container and add the rinsings to the contents of the spray tank before disposing of the container in the prescribed manner.

Destroy empty container by perforation and flattening and never use for any other purpose.

## RELEVANT SUBSTANCES:

Formulation components	CAS Numbers	Conc. (%)
Penflufen	494793-67-8 or 619-823-7	9.3
Prothioconazole	178928-70-6	1.68
1,2-Benzisothiazol-3(2H)-one	2634-33-5	> 0,005 – < 0,05
reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)	55965-84-9	>= 0.0002 – < 0.0015

## RESISTANCE MANAGEMENT:

For resistance management, **Ernesto Silver** is a group code 7 and 3 fungicide. Any fungus population may contain individuals naturally resistant to **Ernesto Silver** and other group codes 7 and 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 **Ernesto Silver** or any other group codes 7 and 3 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate with registered products from different fungicide group codes.
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

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

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

## USE RESTRICTIONS:

**Ernesto Silver** may only be used in situations where potato tubers are planted with a planter where no handling of treated tubers is necessary.

**Ernesto Silver** should be applied to tubers exclusively via equipment capable of in-furrow treatment.

**Ernesto Silver** is not suitable for use when planting will be done by hand.

## COMPATIBILITY:

**Ernesto Silver** can be used on potatoes in tank mixtures with **Velum Prime 400 SC**.

The compatibility of **Ernesto Silver** was not tested with any other products.

## MIXING INSTRUCTIONS:

Pour the required quantity of **Ernesto Silver** into the water while agitating.

Ensure thorough agitation of the mixture in the tank during application and do not allow the tank mixture to stand still for any period of time longer than one hour.

Do not use brackish water.

## APPLICATION:

Ensure that the application equipment is in a good working condition and not contaminated with other chemicals. (FOR FURTHER DETAILS SEE APPLICATION TABLE BELOW)

## APPLICATION TABLE:

CROP/DISEASE	DOSAGE / HECTARE	REMARKS
<b>POTATOES</b> Black scurf and stem & stolon canker caused by seed-borne and soil-borne <i>Rhizoctonia solani</i>	<b>In-furrow at plant:</b> 18.75 ml / 100 linear meter of each individual potato row.	Apply during planting as a directed spray, <b>over the tuber</b> from ridge tip to ridge tip (maximum of 40 cm wide) ensuring good coverage of tuber and soil by the correct positioning of the nozzles. A water volume of 2.5 – 4 ℓ per 100 linear row meters is recommended. Close the furrow thereafter ensuring that the treated soil surrounds the tuber.

## WAARSKUWINGS:

### GEVAARVERKLARINGS:

- Baie giftig vir waterlewende organismes met langdurige gevolge.
- Bevat 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Mag allergiese reaksie veroorsaak.

## AARTAPPELS: MOENIE BINNE 75 DAE NA TOEDIENING OES NIE

**LET WEL:** Die aanbevole onthoudingsperiode tussen die toediening en oes voldoen aan **plaaslike** residuvereistes, maar sal dalk nie aan uitvoervereistes voldoen nie. Indien die gewas wat behandel gaan word vir die uitvoermark bedoel is, raadpleeg die betrokke uitvoerorganisasie oor MRL vereistes en onthoudingsperiodes. Wanneer hierdie produk gebruik word volgens die etiketaanbevelings wat hierin uiteengesit word, sal die plaaslike MRL nie oorskry word nie. Bayer (Edms) Bpk kan egter nie aanspreeklik gehou word vir uitvoergewasse wat die invoertoleransies van ander lande oorskry nie.

Hanteer versigtig.

Berg in 'n koel, droë plek, weg van voedsel en voer.

Hou buite bereik van kinders, oningeligte persone en diere.

Skadelik wanneeringesluk word. Vermy kontak met oë, vel of klere.

Herbetreding - Moenie behandelde grond en/of knolle na plant hanteer nie, tensy beskermende klere gedra word.

**ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS WAARBOR DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE AANGESIEN DIE WERKING EN EFFEK DAARVAN BEÏNVOLED KAN WORD DEUR FAKTORE SOOS ABNORMALE GROND, KLIMAATS EN BERGINGS-TOESTANDE; KWALITEIT VAN VERDUNNINGSWATER; 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 VAN DIE BETROKKE MIDDEL 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.**

## VOORSORGMATREËLS:

### GEVAARVERKLARINGS:

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

Oor die algemeen moet 'n bril en rubberhandskoene gedra word tydens die hantering van die produk sowel as deur werkers op die planter/toediening toerusting.

Was hande en hele liggaam met seep en water na gebruik.

Was gekontameneerde klere na gebruik.

Moenie eet, drink of rook terwyl die produk gemeng of toegedien word nie en was hande en gesig voordat dit gedoen word.

Vermy wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme, boorgate en areas nie onder behandeling nie.

Maak toediener skoon na gebruik en gooi spoelwater weg waar dit nie gewasse, weiding, riviere, damme en boorgate sal besoedel nie.

Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei. Hou houers dig toegemaak in 'n droë, koel en goed geventileerde plek.

Berg in oorspronklike houer.

Berg in 'n koel plek weg van voedsel, drank en veevoer.

Hou weg van direkte sonlig.

Spoel leë houer drie keer uit met 'n volume water gelykstaande aan minstens een tiende van dié van die houer en voeg die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse weggedoen word.

Vernietig leë houer deur gate daarin te kap en plat te slaan en moet nooit vir enige ander doel gebruik nie.

## RELEVANTE STOWWE:

Formulation components	CAS Numbers	Conc. (%)
Penflufen	494793-67-8 or 619-823-7	9.3
Prothioconazole	178928-70-6	1.68
1,2-Benzisothiazol-3(2H)-one	2634-33-5	> 0,005 – < 0,05
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## WEERSTANDBESTUUR:

Vir weerstandsbestuur is **Ernesto Silver** 'n groepkode 7 en 3 swamdoder. Enige swam populasie mag individue insluit wat 'n natuurlike weerstand teen **Ernesto Silver** en ander groepkodes 7 en 3 swamdoders het. Die weerstandbiedende individue kan uiteindelik die swampopulasie oorheers indien hierdie swamdoders herhaaldelik gebruik word. Hierdie weerstandbiedende swamme sal dalk nie deur **Ernesto Silver** of enige ander groepkodes 7 en 3 swamdoders beheer word nie.

Aanbeveling om weerstand teen swamdoder te vertraag:

- Vermy die eksklusiewe herhaaldelike gebruik van swamdoders van dieselfde swamdoder groepkode. Wissel af met geregistreerde produkte van verskillende swamdoder groepkodes.
- Integreer ander beheermetodes (chemies, verbouing, biologies) in siektebeheerprogramme.

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

**GEBRUIKSAANWYSINGS:** GEBRUIK SLEGS SOOS AANGEDUI.

## GEBRUIKSAANWYSINGS:

**Ernesto Silver** mag slegs gebruik word in situasies waar aartappelknolle met 'n planter geplant word waar geen hantering van behandelde knolle nodig is nie.

**Ernesto Silver** moet uitsluitlik op knolle toegedien word deur middel van toerusting wat geskik is vir in-voor-behandelings.

**Ernesto Silver** is nie geskik vir gebruik wanneer plant met die hand gedoen sal word nie.

## VERENIGBAARHEID:

**Ernesto Silver** kan op aartappels in tenkmengsels met **Velum Prime 400 SC** gebruik word.

Die verenigbaarheid van **Ernesto Silver** is nie met ander produkte getoets nie.

## MENGINSTRUKSIES:

Meng die benodigde hoeveelheid **Ernesto Silver** in die water terwyl geroer word.

Verseker deeglike roering van die mengsel in die tenk tydens toediening en moenie toelaat dat die tenkmengsel stilstaan vir enige tydperk langer as een uur nie.

Moenie brakwater gebruik nie.

## TOEDIENING:

Verseker dat die toedieningstoerusting in 'n goeie werkende toestand is en nie met ander chemikalieë besmet is nie. (VIR MEER INLIGTING TOV TOEDING SIEN OPSOMMING HIERONDER)

## TOEDIENINGSTABEL:

GEWAS/SIEKTE	DOSIS/HEKTARE	OPMERKINGS
<b>AARTAPPELS</b> Swartskurf- en stam- en stolonkanker veroorsaak deur saadgedraagde en grondgedraagde <i>Rhizoctonia solani</i>	<b>Invoer toeding tydens plant;</b> 18.75 ml / 100 lineêr meter vir elke individuele plantry.	Dien toe tydens plant in die oop plantvoor as 'n gerigte bespuiting, <b>oor die knol</b> van rif tot rif (maksimum van 40 cm breed) om goeie bedekking van knol en grond te verseker deur die korrekte posisionering van die spuitpunte. 'n Watervolume van 2.5 – 4 ℓ per 100 lineêre rymeters word aanbeveel. Maak die voor daarna toe en verseker dat die behandelde grond die knol omring

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