



# **BOTRICIDES AND OTHER POTATO PRODUCTS**



*For the Love of Potatoes*

ICA International Chemicals contact details: +27-21-886-9812 | [www.icaonline.co.za](http://www.icaonline.co.za)

## GREY MOULD CONTROL

## TUTOR 500 SC

Reg No. L9948 (Act 36 of 1947)



Active:	Pyrimethanil 400 g/l & Fludioxonil 100 g/l
FRAC group:	9 & 12
Chemical group:	Aniline derivative & Phenylpyrrole
Application:	150 ml/100 l water Minimum of 750 ml/ha
Water volume:	High volume full cover spray
Pathogen:	Grey mould ( <i>Botrytis cinerea</i> )

## REMARKS

Incorporate in a preventative fungicide program, with seven (7) day intervals. Maximum of three (3) Tutor 500 SC applications per season. Alternate Tutor 500 SC with fungicides from other FRAC group codes.  
**NB: FIRST APPLICATIONS BEFORE CANOPY CLOSURE.**  
Ensure thorough coverage of the foliage.

## PROTECTOR 400 SC

Reg No. L 8606 (Act 36 of 1947)



Active:	Pyrimethanil 400 g/l
FRAC group:	9
Chemical group:	Aniline derivative
Application:	150 ml/100 l water Minimum of 750 ml/ha
Water volume:	High volume full cover spray
Pathogen:	Grey mould ( <i>Botrytis cinerea</i> )

## REMARKS

Incorporate in a preventative fungicide program, with seven (7) day intervals. Maximum of three (3) Protector 400 SC applications per season. Alternate Protector 400 SC with fungicides from other FRAC group codes.  
**NB: FIRST APPLICATIONS BEFORE CANOPY CLOSURE.**  
Ensure thorough coverage of the foliage.

## I PROFLO 500 SC

Reg No. L 8213 (Act 36 of 1947)



Active:	Iprodione 500 g/l
FRAC group:	2
Chemical group:	Dicarboximide
Application:	200 ml/100 l water Minimum of 750 ml/ha
Water volume:	High volume full cover spray
Pathogen:	Grey mould ( <i>Botrytis cinerea</i> )

## REMARKS

Incorporate in a preventative fungicide program, with seven (7) day intervals. Maximum of three (3) IproFlo 500 SC applications per season. Alternate IproFlo 500 SC with fungicides from other FRAC group codes.  
**NB: FIRST APPLICATIONS BEFORE CANOPY CLOSURE.**  
Ensure thorough coverage of the foliage.

## SPOREKILL®

Reg No. L 7115 (Act 36 of 1947)



Active:	Didecyldimethylammonium chloride 120 g/l
FRAC group:	NC
Chemical group:	Quaternary ammonium compound
Application:	100 ml/100 l water Minimum of 500 ml/ha
Water volume:	High volume full cover spray
Pathogen:	Grey mould ( <i>Botrytis cinerea</i> )

## REMARKS

Incorporate in a preventative fungicide program, with seven (7) day intervals. Under high disease pressure, include a systemic fungicide into spray program.  
**NB: FIRST APPLICATIONS BEFORE CANOPY CLOSURE.**  
Ensure thorough coverage of both upper and lower leaf surfaces.

**Widely used as effective fungicide and disinfectant**

## RESISTANCE MANAGEMENT

*Tutor 500 SC*, *Protector 400 SC*, *IproFlo 500 SC* and *Sporekill®* are the first Botrycides registered in South Africa for the control of grey mould on potatoes. Application of either *Tutor 500 SC*, *Protector 400 SC* or *IproFlo 500 SC* should commence prior to row closure and rotation between these fungicides from different fungicide groups is important in resistance management. Including *Sporekill®* from the first disease sprays lowers inoculum pressure, ensuring better disease control and resistance management.



# ICA OTHER POTATO PRODUCTS

## EARLY BLIGHT CONTROL



### TebuCure 250 EW

(tebuconazole 250 g/l)

Reg No. L 7992 (Act 36 of 1947)



### Obstructo 250 SC

(azoxystrobin 250 g/l)

Reg No. L 9323 (Act 36 of 1947)

PRODUCT	FRAC GROUP	ACTION	MAXIMUM APPLICATIONS	INTERVALS (DAYS)	ALTERNATE WITH
TebuCure 250 EW	3	Systemic	5	7-10	Non-DMI fungicide
Obstructo 250 SC	11	Systemic	3	7	Chlorothalonil

## TUBER TREATMENT PRODUCTS



### ICA-Thiabendazole 500 SC

(thiabendazole 500 g/l)

Reg No. L 7784 (Act 36 of 1947)

Seed potatoes: Fusarium dry rot  
Gangrene  
Rhizoctonia black scurf & stem canker

Table potatoes: Fusarium dry rot



### Sporekill®

(DDAC 120 g/l)

Reg No. L 7115 (Act 36 of 1947)

Seed potatoes: Bacterial or Erwinia rot

## DISINFECTANTS



### HyperCide

(14 % peracetic acid + 22 % hydrogen peroxide)

NRCS Reg. No: Act 5GNR529/243642/130/0885

Under Compulsory Specification Disinfectants and Detergent-Disinfections



### Sporekill®

(DDAC 120 g/l)

Reg No. ACT 29GNR529/27555/070/210

Under Compulsory Specification Disinfectants and Detergent-Disinfections