



# Your seed is protected

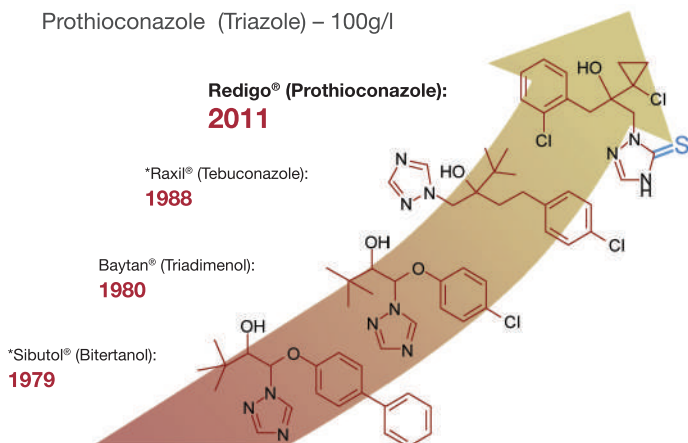
## What is Redigo®?

// Redigo® 100 FS is a liquid concentrate systemic seed treatment registered on wheat and barley.

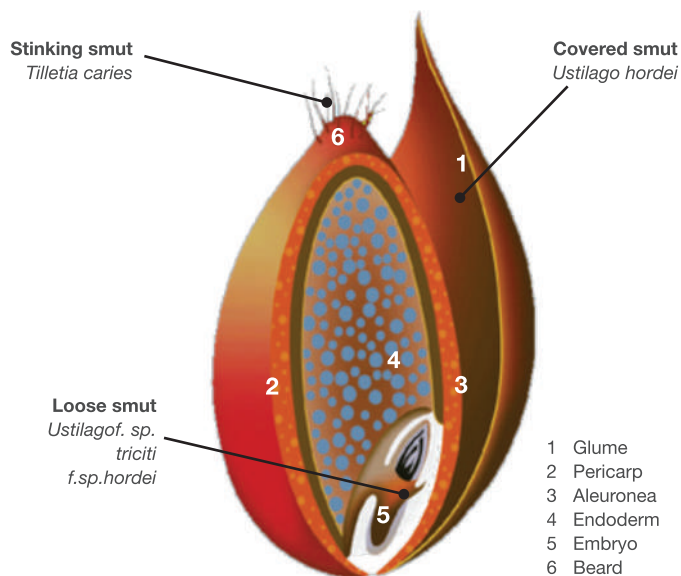
**Fungicide group 3**

**Active ingredient:**

Prothioconazole (Triazole) – 100g/l



## Where does the disease develop?



## What does Redigo® control?

### Wheat:

Stinking smut (*Tilletia spp.*)  
Loose smut (*Ustilago tritici*)

### Dose:

100 ml/100 kg seed  
100 ml/100 kg seed

### Barley:

Covered smut (*Ustilago hordei*)  
Loose smut (*Ustilago nuda*)

100 ml/100 kg seed  
100 ml/100 kg seed



Loose smut



Stinking smut



Covered smut

## Disease cycle

### *Ustilago tritici* (Wheat loose smut)

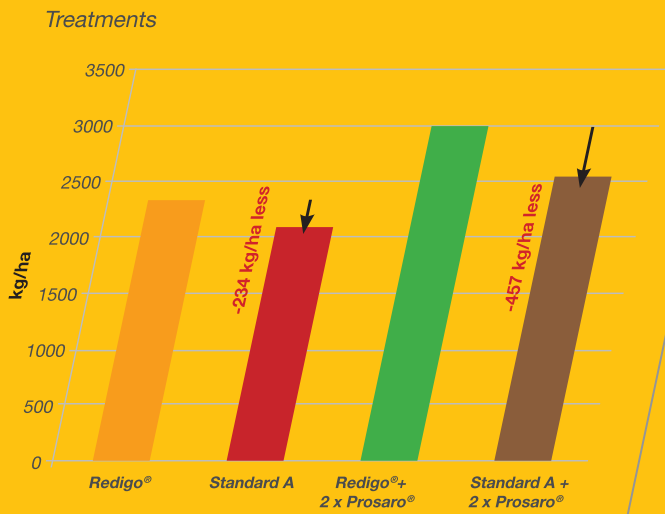
- Infect only wheat.
- Seed-borne but survive as dormant mycelium in the embryo.
- Fungus penetrates the growing point during germination.
- Infected veins appear first and are distinguished by black masses of teliospores that are spread by wind and rain.
- Lower seed weight, quality and germination percentage.



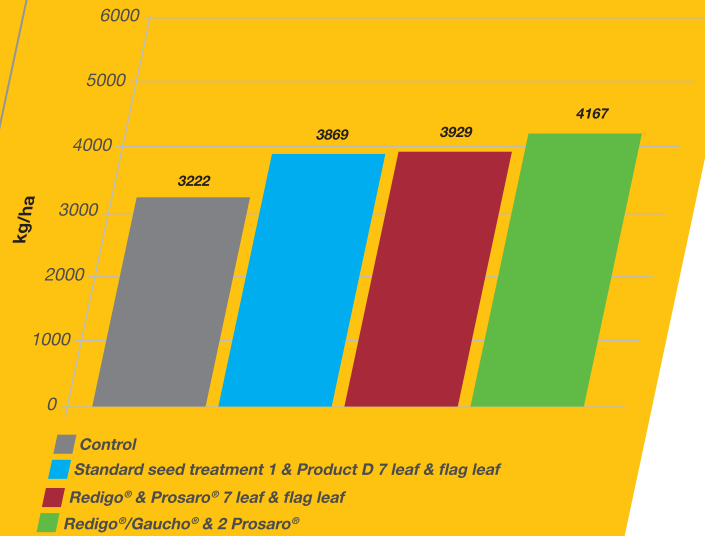
Seed-borne infection

Targeted by Redigo®

## Yield benefit with Redigo®



Demonstration trial on wheat in Riebeeck West area, 2011. Wheat on wheat system.



Demonstration trial on wheat in Riebeeck West area, 2012.

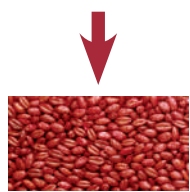


## Positioning in programme

Seed treatment



Foliar application to ensure optimal yield



Redigo® Reg. No. L8616 (Act No. 36 of 1947). Redigo® contains Prothioconazole (triazole) (Caution). Prosaro® Reg. No. L8510 (Act No. 36 of 1947). Prosaro® contains Prothioconazole and Tebuconazole (Caution). Prosper® Trio Reg. No. L9083. Prosper® Trio contains Spiroxamine, Tebuconazole and Triadimenol (Harmful). Baytan® Reg. No. L1697 (Act No. 36 of 1947). Baytan® contains Triadimenol (Harmful). Redigo®, Prosaro®, Prosper® Trio and Baytan® are registered trademarks of Bayer AG, Germany. Use strictly according to instructions on label. \*Product no longer registered for use.

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