

A man with a beard and short hair, wearing a plaid shirt and jeans, stands with his hands on his hips in a field of tall grain. The sun is low in the sky, creating a strong lens flare effect that dominates the right side of the image. The sky is blue with some clouds.

# Systiva<sup>®</sup>

Seed Treatment Fungicide

**Seed  
treatments star  
performer in  
barley, wheat  
and oats**

 **BASF**

We create chemistry

# Why Systiva® is the star performer in seed treatment

**Robust and long-lasting protection** against all the major seed-borne, soil-borne and foliar diseases of barley, wheat and oats.

**Improved crop vigour at emergence**, stronger root development and increased green leaf area.

**Simplified in-crop disease management**, providing flexibility on early fungicide application in barley, wheat and oats.

**Consistently bigger yields** compared to cereals treated with conventional seed treatments.

## Registrations

	Control	Suppression
BARLEY	Net form net blotch Spot form net blotch Leaf scald Powdery mildew Leaf rust Loose smut	<i>Rhizoctonia</i>
WHEAT	Bunt <i>Septoria tritici</i>	<i>Rhizoctonia</i> Stripe rust
OATS	<i>Septoria avenae</i> blotch Red leather leaf Leaf rust Stem rust	

**Application rate:** 150 mL/100 kg of seed



# Why Systiva makes such a big difference

Even though it is applied like other seed treatments, Systiva works much harder for longer than any alternative product.

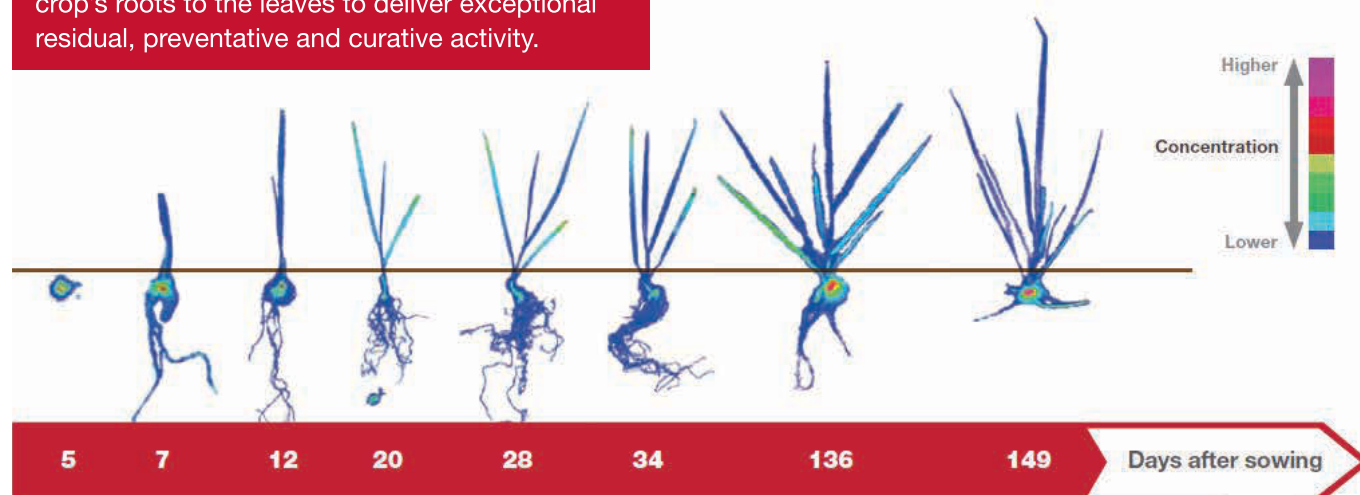
After sowing, Systiva is quickly taken up and evenly distributed within the whole plant. Its innovative, powerful SDHI active ingredient is transported into the growing roots and leaves for an extended period, ensuring long-lasting control of a broad-spectrum of fungal diseases.

So Systiva protects the cereal seed against seed-borne and soil-borne diseases, then goes on to protect the young plant against foliar diseases. That longer-lasting and more comprehensive disease control gives treated plants a stronger start to the season and makes them more resistant to a range of environmental stresses, resulting in healthier crops and bigger yields.

That's what makes Systiva so unique.

## Unique systemic movement extends control

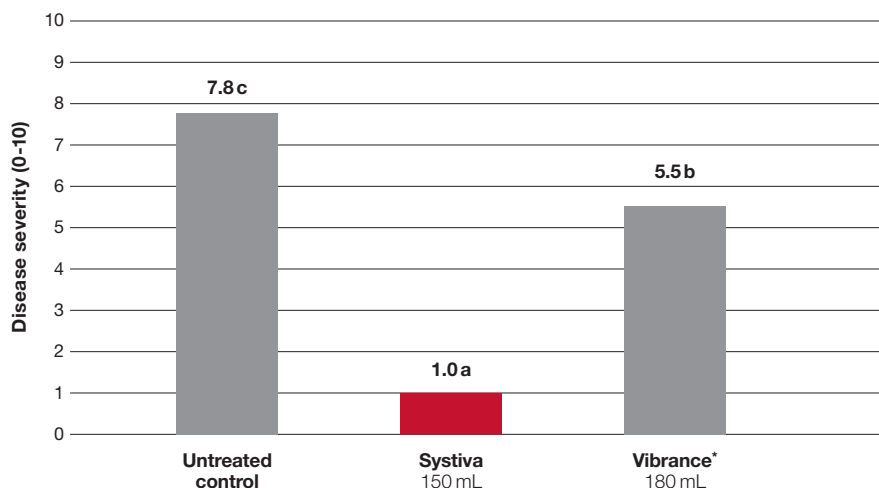
Excellent mobility moves Systiva from the young crop's roots to the leaves to deliver exceptional residual, preventative and curative activity.



Source: BASF SE, Dr. H. Schiffer, APR/FM, C14 radioactive labeled Xenium in Systiva-treated winter wheat in lab and field.

## A big advantage in foliar disease control

### Net form of net blotch control



Systiva is the only new-generation SDHI seed treatment that controls net form of net blotch.

All rates per 100 kg of seed

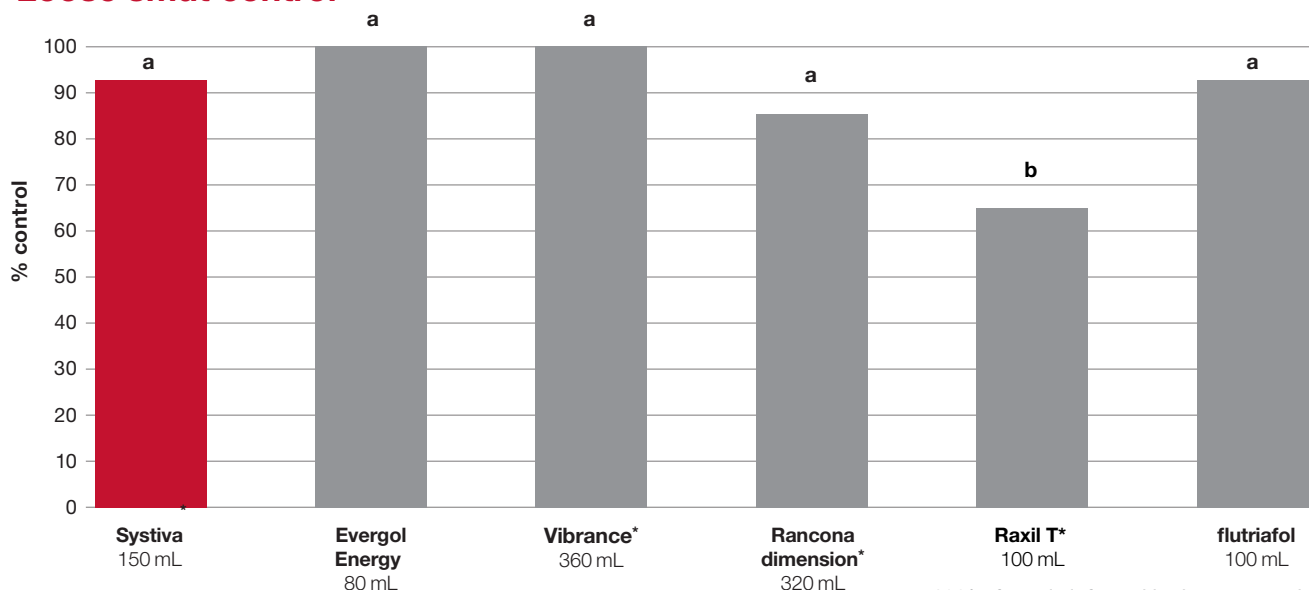
### Vibrance and Evergol have no foliar activity on NFNB where Systiva does



Spartacus Barley at GS24  
Black Point, YP SA  
3 August 2025

## No loss of control below the soil

### Loose smut control



All rates per 100 kg of seed

12% of seeds infected in the untreated control  
Source: SARDI – Hugh Wallwork and Mark Butt 2015

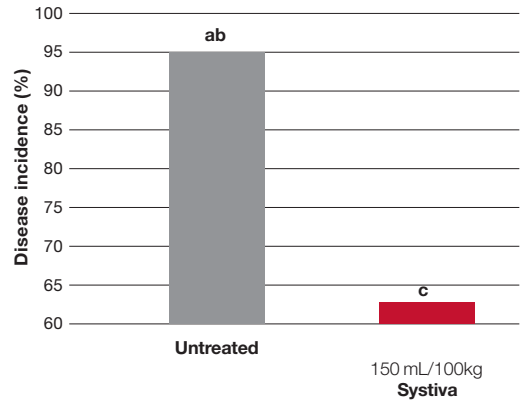
Systiva provides equivalent control to the older standard treatments for loose smut.

# Systiva in wheat

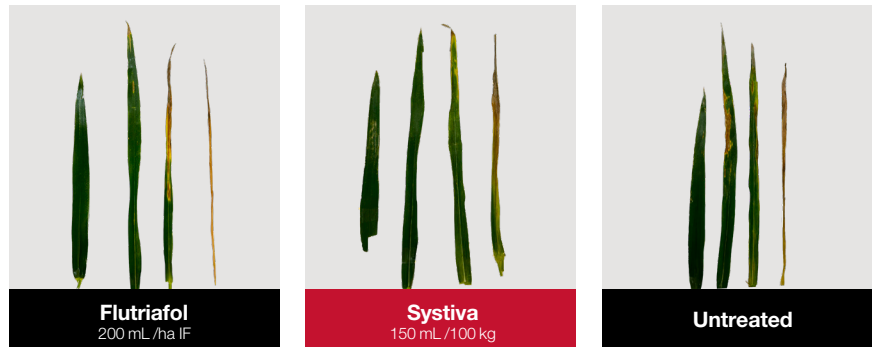
**Systiva keeps on working, minimising *Septoria tritici* blotch 23 weeks after sowing**

Letters denoting significance vary due to coded and unregistered product treatments not shown.

DEV-S-2022-AU-AU-505-01.0 AU ASV 010 Gnarwarre, Victoria Australia, Wheat (Revenue) Incidence data – Flag Leaf minus 1 assessed at BBCH41, 161DAP

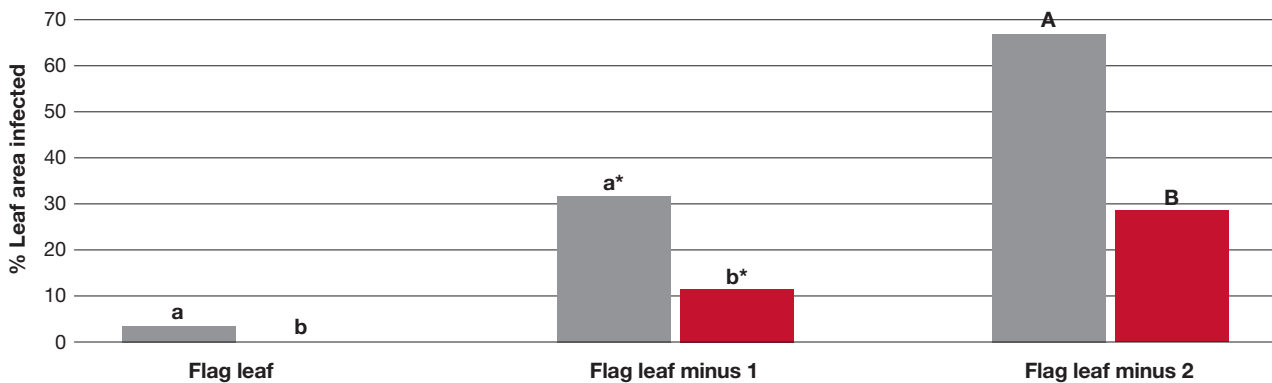


**Systiva is a septoria specialist, still highly effective, flutriafol has septoria on label but has seen a big drop in efficacy**



Scepter wheat at GS 55, Longerenong college, Longerenong vic, 8 October 2025  
Each image shows L-R flag leaf, flag leaf 1, flag leaf 2 and flag leaf 3 stages

## Highly effective stripe rust suppression



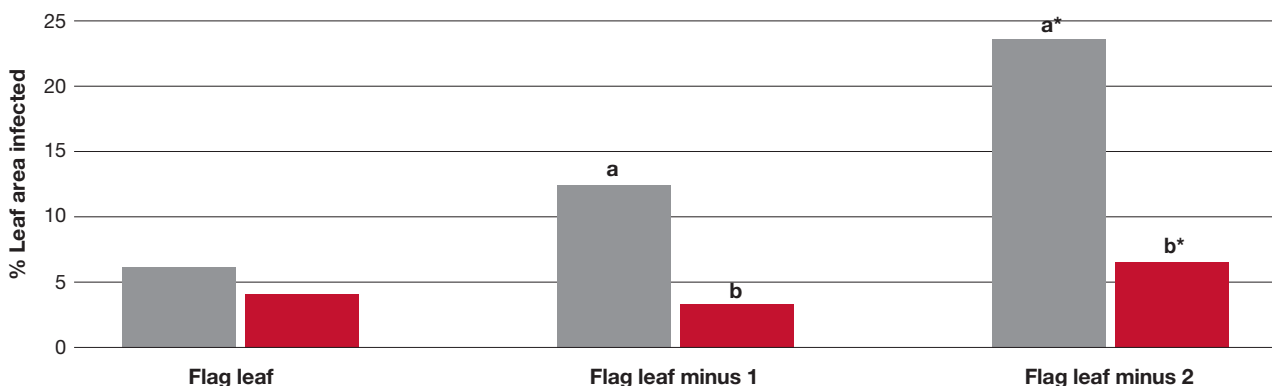
Letters denoting significance vary due to coded and unregistered product treatments not shown.

DEV-S-2021-AU-105-A-01.0-AU-AU8-C06, Tamworth, NSW Australia  
Wheat, Durum (Morocco), Assessment: 70 DAP BBCH39

■ Systiva 150 mL/100 kg  
■ Untreated

# Systiva in milling and hay oats

**Unique control of red leather leaf from seeding to flag emergence**



Letters denoting significance vary due to coded and unregistered product treatments not shown.

DEV S 2022 AU 502 A 01.0 AU AU8 E11 Tamworth, New South Wales  
Oats (Kowari), Assessment: 129DAP, BBCH39

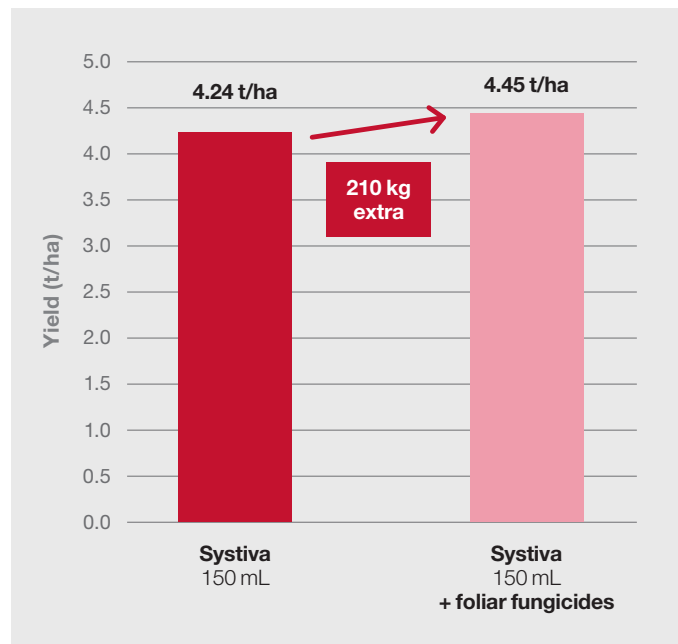
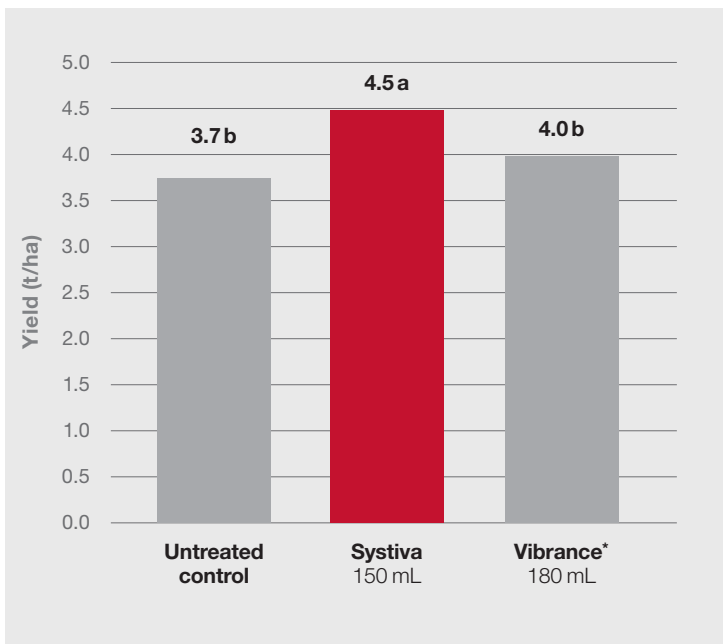
■ Systiva 150 mL/100 kg  
■ Untreated

Systiva-treated barley averaged **300 kg/ha extra yield** across 69 trials

## Big increases in barley yield

Comprehensive disease control promotes improved barley vigour and maximises potential yield.

Follow-up foliar applications increase the yield advantage Systiva has already established.



Trial under NFNB pressure. YPAG – Port Broughton SA 2014

All rates per 100 kg of seed

Mean yield advantage across 21 Australian trials 2014–16  
P = 0.003

Both rates per 100 kg of seed

\* Foliar fungicides used include: Opera, azoxystrobin (200 g/L) + cyproconazole (80 g/L), prothioconazole (210 g/L) + tebuconazole (210 g/L), tebuconazole (250 g/L) + propiconazole (250 g/L), propiconazole (250 g/L)

## A big extra return on investment

In this trial, Systiva improved yield and grain quality to deliver \$110.60 /ha in extra profit.

Treatment	Ave. yield (t/ha)	Return /ha
Systiva 150 mL/100 kg	5.03	\$1,593.00
Standard 180 mL/100 kg	4.62	\$1,482.40
Difference	<b>+0.41 t/ha</b>	<b>+ \$110.60</b>

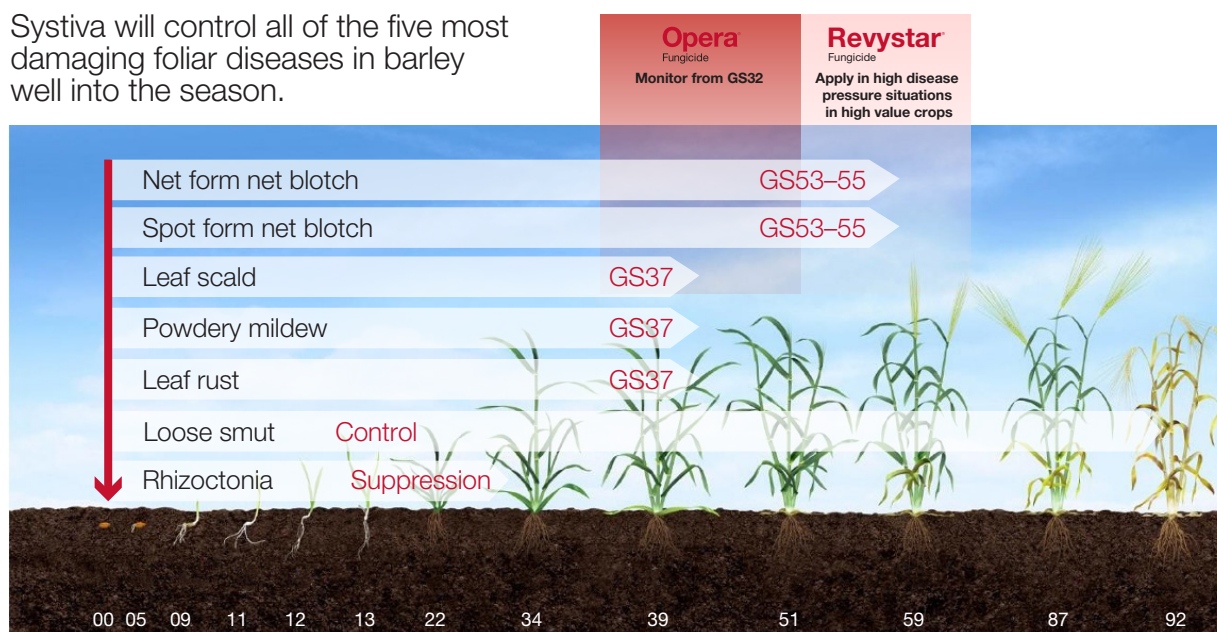
At 2023 prices, the same yield result would have delivered **over \$110.60 /ha in extra profit.**

Northampton, WA strip trial planted 12 May 2016. GSR: 420 mm. Standard product = difenconazole + sedexane + metalaxyl-M. 2023 calculation based on prices at 17/11/2023: \$322/T. Average per ha market prices used for Systiva & Standard.



# A big advance in seed-applied protection

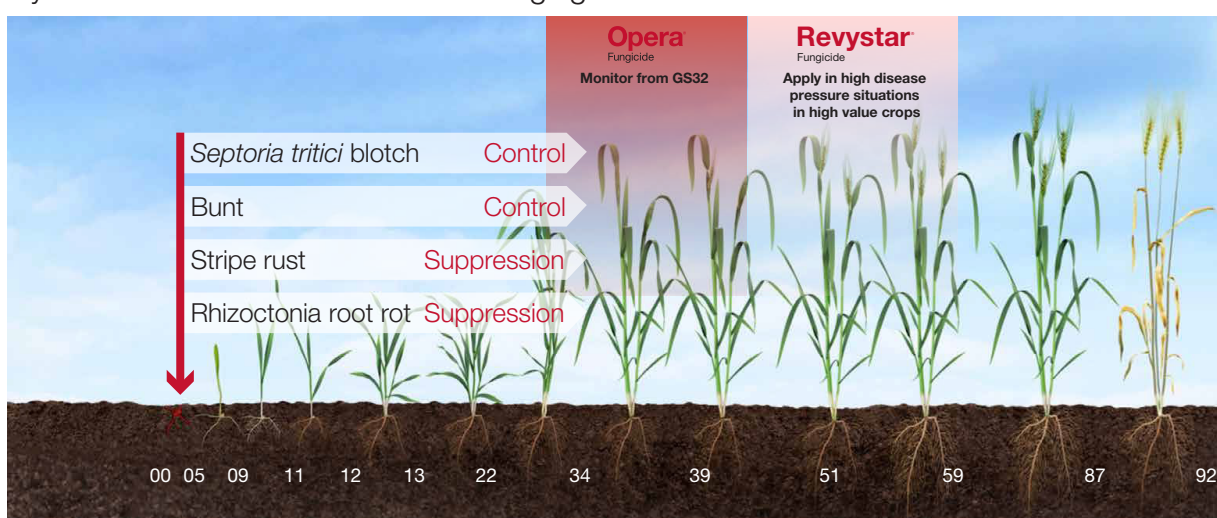
Systiva will control all of the five most damaging foliar diseases in barley well into the season.



Systiva – seed-applied foliar protection

Foliar spray

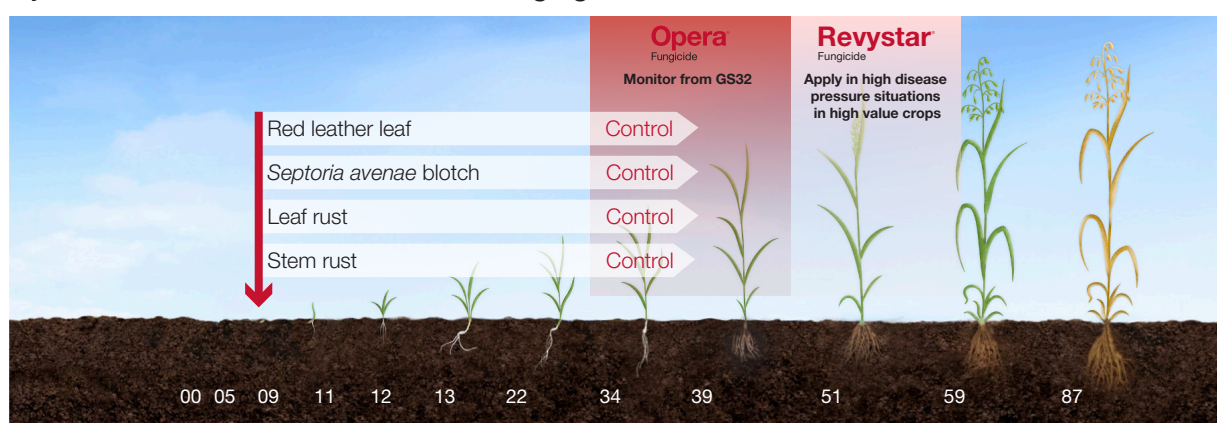
Systiva will control the two most damaging foliar diseases in **wheat** well into the season.



Systiva – seed-applied foliar protection

Monitor for foliar disease

Systiva will control the four most damaging foliar diseases in **oats** well into the season.



Systiva – seed-applied foliar protection

Monitor for foliar disease

# Systiva®

## Seed Treatment Fungicide

### Integrated disease management

While Systiva is a big step forward, it's important not to rely on any one solution. Systiva should be used as part of an integrated program that includes:

- foliar fungicides with other modes of action, such as Revystar® and Opera®
- planting cereal varieties with higher genetic tolerance
- effective stubble management to reduce inoculant load
- adequate crop rotations to minimise the risk of resistance developing and protect yields



Control of seed-borne,  
soil-borne and foliar diseases



Increased crop vigour  
+ extended disease control



Optimised farm management  
for greater flexibility with early foliar sprays



Increased yields and  
+ an extra return on investment



For more information about **Systiva®**,  
visit **[crop-solutions.basf.com.au](https://crop-solutions.basf.com.au)**  
or call **1800 558 399**

#### ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

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