

FACT SHEET

Systiva® seed treatment fungicide

Game-changing disease protection for barley

Systiva is the first seed treatment that controls all major foliar as well as seed-borne and soil-borne diseases in barley. That combination of comprehensive and long-lasting protection has the potential to reduce in-crop disease management and sets up the likelihood of stronger yields. Systiva has made an immediate impression on barley growers and quickly confirmed that it can make every season more productive, and help turn good seasons into great ones.

**Crop**

Barley
Wheat

Application method

Dilute with enough water to ensure thorough and even seed coverage.

Diseases controlled

Barley: Loose smut

Powdery mildew

Net form of net blotch

Scald

Spot form of net blotch

Leaf rust

Wheat: Bunt, Septoria tritici

+ suppression of rhizoctonia in both crops

- Robust and long-lasting protection against all the major seed-borne, soil-borne and foliar diseases of barley.
- Improved crop vigour at emergence, stronger root development and increased green leaf area.
- Simplified in-crop disease management.
- Consistently larger yields compared to barley treated with conventional seed treatments.



Yagan barley at Williams 2013, WA.

Systiva®

Seed Treatment Fungicide

How to apply Systiva

Rates 150 mL/100 kg seed

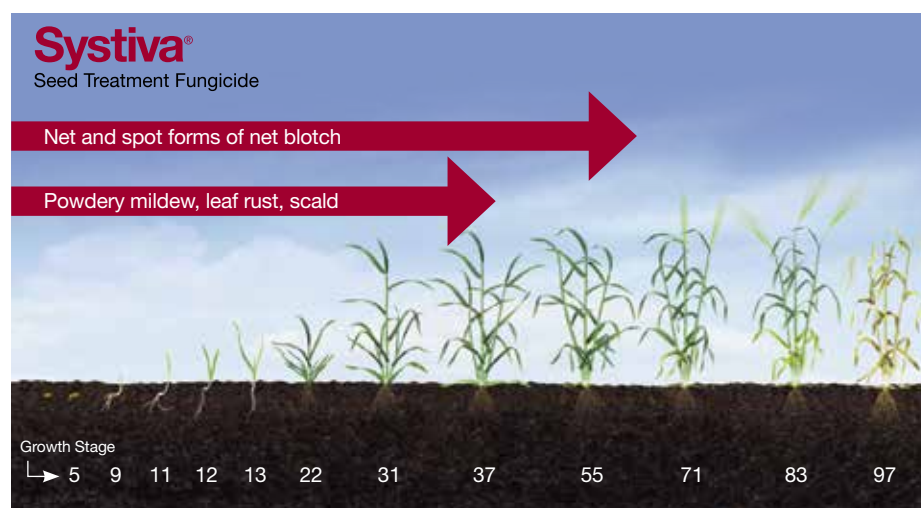
Method

Apply diluted with sufficient water – up to a maximum mix volume of 600 mL/100 kg seed – to create a slurry which ensures thorough and even coverage of seed. Apply with an applicator designed for liquid seed treatments. Calibrate the application equipment for the flow rate of the grain.

Timing

Seed can be treated with Systiva months or even a year before it is sown with no adverse effects on germination or emergence provided it is stored in a cool, dry well ventilated place. Refer to the label for further information regarding storage.

Length of protection



Systiva's uniquely long-lasting protection of barley from sowing up to mid-season means most growers in most seasons will be able to take at least one foliar spray out of the program – and gain yield.

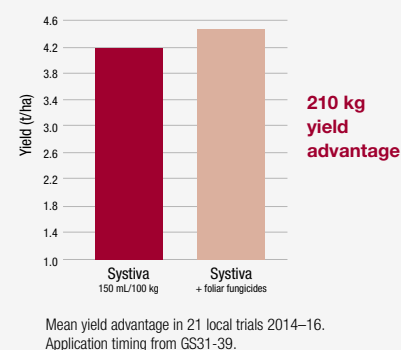
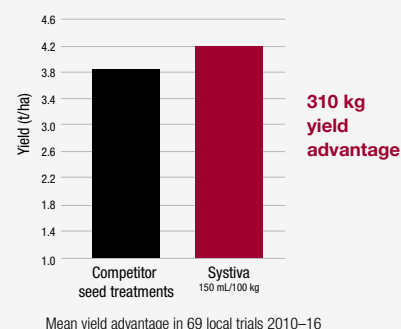
Resistance management

Systiva is a Group 7 SDHI fungicide. To help manage resistance it is recommended that crops are monitored and managed for any disease that develops by applying a foliar fungicide from a different MOA group. Spot form net blotch with reduced sensitivity to SDHI fungicides has been identified in Australia. Foliar fungicides from Group 3 (e.g. Opus®) or Groups 3 & 11 (e.g. Opera®) are recommended to manage populations with resistance concerns.

For more information on Systiva, visit crop-solutions.basf.com.au or contact your local BASF representative on **1800 558 399**



A regular and additive yield advantage



As these graphs show, applying Systiva on its own at 150 mL/100 kg is enough to provide a substantial yield advantage. If the season is turning out well, applying a late-season foliar fungicide to top up the protection delivers even more extra yield.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USING ANY PRODUCT IN THIS FACT SHEET.

This fact sheet is intended as general advice. Disclaimer: The information submitted in this publication is based on current BASF knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.