

Voraxor® herbicide - for knockdown and residual control of broadleaf weeds in wheat, durum & barley.

Excellent residual control of broadleaf weeds and suppression of annual ryegrass in light textured soils



Location: York, WA. Treatments applied 18 June; crop sown 21 June

- Voraxor is a highly effective pre-emergent residual herbicide for the control of broadleaf weeds, offering up to 12 weeks control
- Voraxor provides growers with a complementary tool for the knockdown control of young annual ryegrass (including 1-2 leaf annual ryegrass that is resistant to glyphosate) as well as providing residual suppression of annual ryegrass in light textured soils
- Voraxor is the **only** herbicide in Australia that offers both effective knockdown control of a range of broadleaf weeds and the pre-emergent residual control of a range of broadleaf weeds (and residual suppression of annual ryegrass in light textured soils)

Voraxor is expected to be available for use as a pre-emergent residual herbicide for the 2021 cereal growing season.

REGISTRATION PENDING

This product is not yet registered. An application for approval and registration has been lodged with the APVMA.

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.

FACT SHEET**NEW Luximax® Herbicide****A breakthrough in annual ryegrass control**

The launch of Luximax Herbicide equips Australian wheat growers with the first new herbicidal mode of action in a generation. This breakthrough chemistry will control known annual ryegrass biotypes with developed resistance to other modes of action.

Crop registration

Wheat (not durum wheat)

Weed registrations

Control: annual ryegrass

Suppression: brome grass & wild oats

Herbicide MoA group

Group Z

('cineole' – FAT inhibitor)

Application guidelines

Apply pre-sowing and incorporate by sowing (IBS) using knife points and press wheels. Minimum sowing depth of 30 mm is required.

Application rate

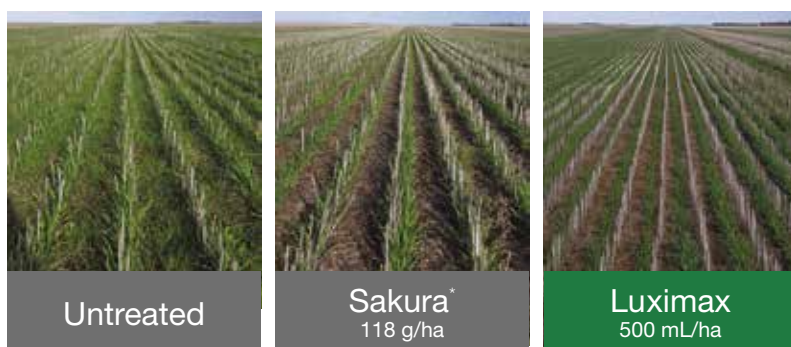
500 mL/ha

Plantbacks

9 months for winter crops

3 months for summer crops

- Controls known annual ryegrass populations resistant to herbicides with other modes of action
- Up to 12 weeks' residual control of annual ryegrass, matching the current highest industry standard
- Consistent performance across varying climatic conditions
- Favourable plantback periods allow flexibility in cropping choice each season
- Strengthens existing Integrated Weed Management programs
- Adding Luximax to the program will reduce the annual ryegrass seed bank for following seasons
- Introducing Luximax's unique mode of action will help maintain the effectiveness of older chemistry

Excellent annual ryegrass control

NEW

Luximax®

Herbicide

How and when to use Luximax

Rates

500 mL/ha in a total spray volume of at least 70 L/ha

Method

Ground application with flat-fan nozzles in a spray volume of 70–150 L of water per hectare using standard boom-spraying equipment.

Application as a MEDIUM spray quality (defined by ASAE S572 Standard) using air induction nozzles is recommended. Ensure complete and even spray coverage of the soil is achieved.

Luximax must be incorporated by sowing using knife points and press wheels as soon as possible after application and certainly within 3 days. Do not apply Luximax unless it can be incorporated within 3 days. Seed must be sown at a minimum of 30 mm.

Coverage

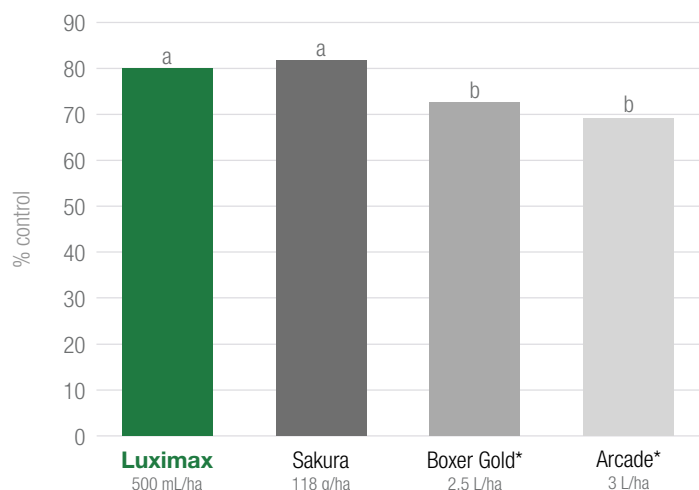
Thorough, even coverage of uncultivated soil will produce the best results and weed control may be adversely affected if stubble or other ground cover is over 50%.

A knockdown herbicide should be used to control emerged weeds.

Resistance management

Luximax has a unique mode of action. It is currently classified as a Group Z herbicide and will control weeds that have developed resistance to other modes of action. However over-reliance on any one mode of action will accelerate the development of resistance, so Luximax should be used as a part of an integrated weed management program which includes herbicides with other modes of action and non-chemical methods. CropLife resistance management strategies are available from BASF sales representatives and at www.croplife.com.au.

Benchmark residual control of annual ryegrass



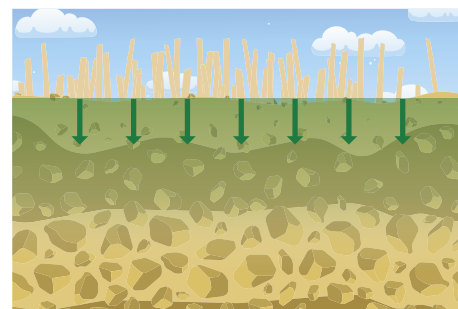
Averaged results of six BASF 2018 trials. Assessments conducted at 9–14 weeks after treatment.

Mean results extracted from six BASF 2018 trials that included additional treatments. Assessments conducted at 9–14

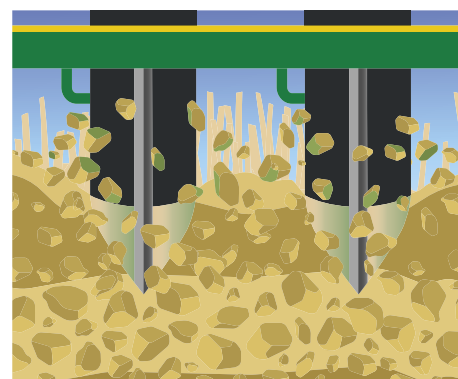
For more information on Luximax, visit campaign.basf.com/Luximax or contact your local BASF representative on **1800 558 399**

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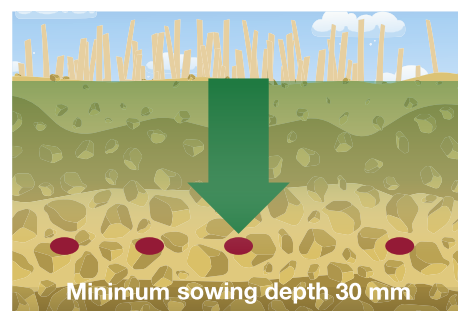
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Optimum weed control is achieved when Luximax is applied evenly to uncultivated moist soil, free of clods and heavy trash residues.



It's important to minimise soil disturbance and the risk of throwing treated soil into the adjacent furrow.



Ensure clear separation between the treated band and seed.

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

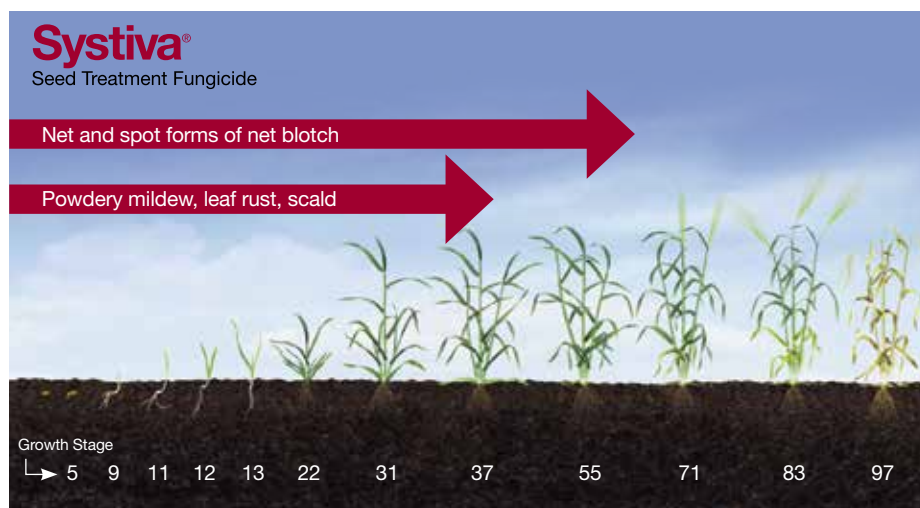
Method

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.

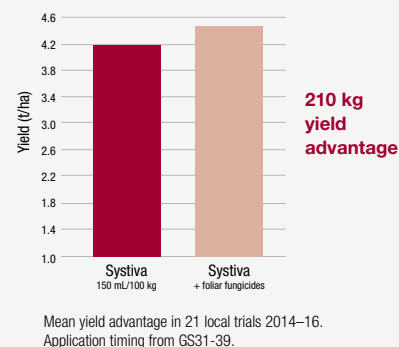
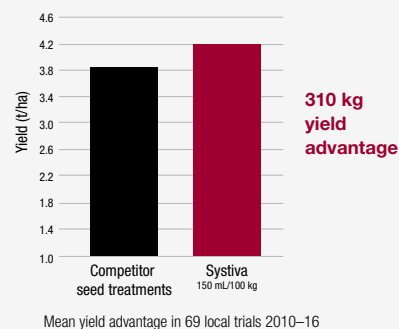
Resistance management

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.

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