

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Banner[®]Maxx

Turf fungicide

syngenta[®]

ACTIVE CONSTITUENTS: 155 g/L PROPICONAZOLE

GROUP 3 FUNGICIDE

For the broad spectrum control of various diseases of turf as per the Directions for Use

IMPORTANT: Read the attached booklet before use

5 LITRES

Imported By:

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APVMA Approval No: 54360/50231

Item number

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DIRECTIONS FOR USE

Restraints

DO NOT apply to turf under heat or moisture stress

DO NOT apply more than 1 application per year on couch varieties C29, Greenlees Park, National Park, Tifway, Sportsway and Wagga City

Situation	Disease	Rate	Critical Comments
Turf	Anthracnose (<i>Colletotricum graminicola</i>), Brown Patch (<i>Rhizoctonia solani</i>), Dollar Spot (<i>Sclerotinia homeocarpa</i>) Helminthosporium Disease (<i>Bipolaris</i> spp, <i>Drechslera</i> spp, <i>Exserohilum</i> spp), Winter Fusarium (Microdochium Patch), (<i>Fusarium nivale</i>)	5 to 10 L/ha or 50 to 100 mL/100 m ²	Preventative applications: Spray when conditions are favourable for disease development. Make a second application 14 to 28 days later if conditions continue to favour disease development. Use rates towards the lower end of the range in a preventative program. Early curative applications: Spray as soon as possible after first symptoms are detected. Use rates towards the higher end of the range and shorten application intervals. Treatments may cause Bent Grass to be darker green in colour and tighter in texture. Refer to Application sections for detailed information.
	Ectotrophic Root Infecting Fungi (ERI) Spring Dead Spot (<i>Ophiosphaerella narmari</i>), Take-all Patch (<i>Gaeumannomyces graminis</i> var <i>avenae</i>)	10 L/ha or 100 mL/100 m ²	Autumn strategy Preventative applications: Spray in January to March, after renovation and recovery of active growth. Make a second application 1 month later. DO NOT renovate treated greens until active growth has recommenced in Spring. DO NOT spray in the spring/summer period prior to renovation. BANNER MAXX may cause bleaching of the grass after application in late summer/autumn and also produce a greening effect in the following Spring. Couch may be slow to recommence active growth in the spring, particularly in cooler regions. These effects should be allowed to grow out before treating again. DO NOT apply more than twice per year. Refer to Application sections for detailed information.
	Ectotrophic Root Infecting Fungi (ERI) Couchgrass Decline (<i>Gaeumannomyces graminis</i> var <i>graminis</i>), Take-all Patch (<i>Gaeumannomyces graminis</i> var <i>avenae</i>)		Spring and Summer Strategy Preventative applications: Spray in September to November, after renovation and recovery of active growth. Make a second application 1 month later. Early curative applications: Spray as soon as possible after first symptoms are detected. Make a second application 1 month later. Refer to Application sections for detailed information.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD

DO NOT GRAZE TREATED TURF OR FEED GRASS CLIPPINGS FROM TREATED AREAS TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS

ERI Disease Management

Using fungicides for the control of ERI diseases has to be in conjunction with management practices aiming to optimise fertility, drainage, soil structure and pH, while minimising turf stress.

Mixing

Add the required amount of product directly to the spray tank and mix well. BANNER MAXX is a micro emulsion concentrate (ME) with minimal odour because the product does not contain petroleum solvents. BANNER MAXX mixes completely with water and may be tank mixed with many commonly used fungicides and liquid fertilizers.

Compatibility

BANNER MAXX is compatible with Daconil Weather Stik® Turf Fungicide, Heritage MAXX® Turf Fungicide, Subdue MAXX® Fungicide and Primo MAXX® Turf Growth Regulator.

Application

Ensure even application in order to achieve even disease control. Avoid overlapping sprays.

Leaf and Crown Diseases: Application volume for leaf and crown diseases (Anthracnose, Brown Patch, Dollar Spot, Helminthosporium diseases and Winter Fusarium) should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. Ideal application volume should be 350 to 500 L/ha. For best results use medium [eg XR Teejet* (11004 or 10005)] to coarse [eg AIXR Teejet* or Turbo Teejet* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure. In higher cut turf (≥15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

Root Diseases: Application volumes for root infecting diseases (early curative application for Brown Patch, Couchgrass Decline and Take-all Patch, and preventative application for Couchgrass Decline, Spring Dead Spot and Take-all Patch) should be as high as possible (approximately 1000 L/ha) to ensure placement close to the soils surface. When lower application volumes are used, washing in should commence as soon as possible after application. For best results use extremely coarse droplets [eg Turbo Floodjet* (TF5) or TurfJet* (TTJ10)] and total application volume of approximately 1000 L/ha. Preferably spray onto wet or dewy grass. Irrigate with 6 to 10 mm of water commencing within 1 hour of application.

Fungicide Resistance Warning

GROUP	3	FUNGICIDE
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BANNER MAXX Turf Fungicide is a member of the DMI group of fungicides. For fungicide resistance management BANNER MAXX is a Group 3 fungicide. Some naturally occurring individual fungi resistant to BANNER MAXX and other Group 3 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by BANNER MAXX or other Group 3 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of BANNER MAXX to control resistant fungi.

PRECAUTIONS

Re-entry periods

Mowing: DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear chemical resistant gloves and footwear.

Transplanting and Hand Weeding: DO NOT allow entry into treated areas for 10 days after application. When prior entry is necessary, wear chemical resistant gloves and footwear.

PROTECTION OF LIVESTOCK

DO NOT graze treated turf or feed grass clippings from treated areas to poultry or livestock.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes. May irritate the skin. Avoid contact with eyes and skin.

When opening the container and preparing spray wear:

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- elbow-length PVC gloves
- face shield or goggles

If applying by hand wear:

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- elbow-length PVC gloves

If product gets in eyes wash it out immediately with water. Wash hands after use.

After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone +65 6334 4366.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone +65 6333 6400

May damage the unborn child Suspected of damaging fertility

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

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