

# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



**syngenta**<sup>®</sup>

ACTIVE CONSTITUENTS: 62 g/L AZOXYSTROBIN  
104 g/L PROPICONAZOLE

**GROUP 3 11 FUNGICIDE**

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

**Syngenta Australia Pty Ltd**

Level 1, 2-4 Lyonpark Road, Macquarie Park NSW 2113

**In a transport emergency dial 000, Police or Fire Brigade**

**For specialist advice in an emergency only, call 1800 033 111 (24 hours)**

**APVMA Approval No: 63615/50232**

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## DIRECTIONS FOR USE

### Restraints

DO NOT use in the home garden

DO NOT apply by aerial application methods

DO NOT use this product through any type of irrigation system or ultra low volume spray system

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	Anthraxnose ( <i>Colletotrichum graminicola</i> ), Brown Patch ( <i>Rhizoctonia solani</i> ), Grey Leaf Spot ( <i>Pyricularia grisea</i> , Helminthosporium Disease ( <i>Bipolaris</i> spp, <i>Drechslera</i> spp, <i>Exserohilum</i> spp) , Red Thread ( <i>Laerisaria fuciformis</i> ), Winter Fusarium (Microdochium Patch) ( <i>Fusarium nivale</i> )	9 L/ha or 90 mL/100 m <sup>2</sup>	Apply HEADWAY MAXX in a preventative fungicide program containing fungicides from different chemical groups. Begin applications before symptoms occur when conditions first favour disease and continue applications while conditions remain favourable for disease development using registered fungicides. Apply no more than 2 consecutive HEADWAY MAXX applications at 28 day intervals for all diseases.
	Dollar Spot ( <i>Sclerotinia homeocarpa</i> )		Apply HEADWAY MAXX in a preventative fungicide program containing fungicides from different chemical groups. Begin applications before symptoms occur when conditions first favour disease and continue applications while conditions remain favourable for disease development using registered Dollar Spot fungicides. Apply no more than 2 consecutive HEADWAY MAXX applications at 21 day intervals for Dollar Spot. In high pressure curative situations use Banner MAXX <sup>®</sup> Turf Fungicide at 5 to 10 L/ha first and then follow up with HEADWAY MAXX.
	Pythium Leaf Blight, Pythium Root Rot, Seedling Damping Off ( <i>Pythium</i> spp)		Apply HEADWAY MAXX in a preventative fungicide program containing fungicides from different chemical groups. Begin applications before symptoms occur when conditions first favour disease and continue applications while conditions remain favourable for disease development using registered Pythium fungicides. Apply no more than 2 consecutive HEADWAY MAXX applications at 14 to 21 day intervals for Pythium. In high pressure curative situations use a suitable curative fungicide first and then follow up with HEADWAY MAXX.
	<b>Ectotrophic Root Infecting Fungi (ERI)</b> Spring Dead Spot ( <i>Ophiosphaerella narmari</i> ), Take-all Patch ( <i>Gaeumannomyces graminis</i> var <i>avenae</i> )		<b>Autumn strategy</b> <b>Preventative applications:</b> Spray in January to April, 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. Refer to Application sections for detailed information.
	<b>Ectotrophic Root Infecting Fungi (ERI)</b> Couchgrass Decline ( <i>Gaeumannomyces graminis</i> var <i>graminis</i> ), Take-all Patch ( <i>Gaeumannomyces graminis</i> var <i>avenae</i> )		<b>Spring and summer strategy</b> <b>Preventative applications:</b> Spray in September to November, after renovation and recovery of active growth. Make a second application 1 month later. <b>Early curative applications:</b> Spray as soon as possible after first symptoms are detected. Make a second application 1 month later. Refer to Application section 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/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK**

## WARNING

HEADWAY MAXX is extremely phytotoxic to certain apple varieties.  
DO NOT spray HEADWAY MAXX where spray drift may reach apple trees.  
DO NOT spray when conditions favor drift beyond the area intended for application. Conditions that may contribute to drift include thermal inversions, excessive wind speed, certain sprayer nozzle/pressure combinations, small spray droplet size, etc.

## 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. HEADWAY MAXX is a micro emulsion concentrate (MEC) with minimal odour because the product does not contain petroleum solvents. HEADWAY MAXX mixes completely with water and may be tank mixed with many commonly used fungicides and liquid fertilisers.

### Compatibility

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

### Application

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

**Leaf and Crown Diseases:** Application volume for leaf and crown infecting diseases (Anthracnose, Brown Patch, Dollar Spot, Grey Leaf Spot, Helminthosporium diseases, Pythium Blight, Red Thread 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. *Example:* For best results use medium [eg XR Teejet\* (11004 or 10005)] to coarse [eg Turbo Teejet\* or AIXR Teejet\* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure. In higher cut turf ( $\geq 15$  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 (Brown Patch, Couchgrass Decline, Pythium Root Rot, Spring Dead Spot and Take-all Patch) should be as high as possible (approximately 1000 L/ha) to ensure placement close to the soil surface. When lower application volumes are used, washing in should commence as soon as possible after application. *Example:* 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

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HEADWAY MAXX is a combination of a member of the DMI and quinone outside inhibitors (Qols) groups of fungicides. For fungicide resistance management HEADWAY MAXX is both a Group 3 and a Group 11 fungicide. Some naturally occurring individual fungi resistant to HEADWAY MAXX and other Group 3 and/or Group 11 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 HEADWAY MAXX or other Group 3 and/or Group 11 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 Australia Pty Ltd accepts no liability for any losses that may result from the failure of HEADWAY MAXX to control resistant fungi.

Fungicides belonging to Group 11 should not exceed  $\frac{1}{3}$  of the total number of fungicide applications for a season.

## PRECAUTIONS

DO NOT apply using spraying equipment carried on the back of the user.

### Re-entry Periods

DO NOT allow entry into treated areas until the spray has dried for low exposure activities (such as mowing).

**Transplanting and Hand Weeding:** DO NOT allow entry into treated areas for 30 days after application for high exposure activities (such as transplanting or hand weeding) unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

## PROTECTION OF LIVESTOCK

DO NOT graze treated turf/lawn or feed turf/lawn clippings from any treated area to poultry or livestock.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

HIGHLY TOXIC TO AQUATIC LIFE. DO NOT contaminate dams, waterways or drains with the chemical or used containers.

DO NOT apply under meteorological conditions or from spraying equipment that could be expected to cause spray drift on adjacent areas, particularly wetlands, waterbodies or watercourses.

DO NOT apply when heavy rains or storms are expected within 4 hours.

## 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 inhaled. Will irritate the eyes. DO NOT inhale spray mist. Avoid contact with eyes. When opening the container, preparing product for use and using the product wear:

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

If applying by hand wear:

- cotton overalls buttoned to the neck and wrist over normal clothing
- elbow-length chemical resistant gloves
- face shield or goggles
- half facepiece respirator with organic vapour/gas cartridge or canister

If product gets in eyes wash it out immediately with water. Wash hands after use. After each day's use wash gloves, respirator (if rubber wash with detergent and warm water), face shield or goggles and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

## MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at [www.greencast.com.au](http://www.greencast.com.au) or [www.syngenta.com.au](http://www.syngenta.com.au)

## 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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