

CAUTION

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

Patriot®

Fungicide

ACTIVE CONSTITUENTS:

200 g/L TEBUCONAZOLE

100 g/L TRIFLOXYSTROBIN

GROUP

3 | 11

FUNGICIDE

For control of fungal diseases in recreational turf as specified in the Directions for Use



Formulation type
Suspension concentrate



Distributed by

 **CENTAUR**
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adama.com

CONTENTS: 500 mL - 10 L

DIRECTIONS FOR USE

SPRAY DRIFT RESTRAINTS

DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to ASAE S572 Standard to the BCPC Guideline.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site. Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and KEEP this record for a minimum of 2 years.

The spray application details that must be recorded are:

1. date and start and finish times of application;
2. location address and areas sprayed;
3. full name of this product;
4. amount used per hectare and number of hectares applied to;
5. situation and disease;
6. wind speed and direction during application;
7. air temperature;
8. nozzle brand, model and type and spray system pressure measured during application;
9. name and address of person applying this product.

(Additional record details may be required by the State or Territory where this product is used).

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are aquatic and wetland areas, including aquacultural ponds or surface streams and rivers, within 10 metres downwind from the application area. DO NOT apply if there are susceptible non-target plants within 15 metres downwind from the application area.

DO NOT apply if there are livestock, pasture or any land that is producing feed for livestock within 15 metres downwind from the application area.

SITUATION	DISEASE	RATE	WATER RATE	CRITICAL COMMENTS
Turf	Anthraxnose, Brown Patch, Winter Fusarium, Helminthosporium <i>Leptosphaerulina</i> <i>Curvularia</i>	2 L/ha or 20 mL/100 m ²	800 -1600 L per ha 8 - 16 L per 100 m ²	For preventative control apply on a 21 - 28 day interval when conditions are favourable for disease development. For curative control apply on a 14 - 21 day interval. For brown patch control apply sufficient irrigation to wash PATRIOT® into the crown and upper root zone. This use is subject to an FRAC anti-resistance strategy. DO NOT apply more than two consecutive sprays of PATRIOT® unless mixed with a protectant fungicide from group 14, 28, M2, M3, M4 or M5.
	Ectotrophic Root, Infecting Fungi (ERI)			Make monthly preventative applications in the three months preceding the disease season. Apply irrigation to wash PATRIOT® into the root zone. This use is subject to an FRAC anti-resistance strategy. DO NOT apply more than two consecutive sprays of PATRIOT® unless mixed with a protectant fungicide from group 14, 28, M2, M3, M4 or M5.
	Dollar Spot	3 L/ha		For preventative control apply on a 21 - 28 day interval when conditions are favourable for disease development. To control existing infections apply on a 14 - 21 day interval. This use is subject to an FRAC anti-resistance strategy. DO NOT apply more than two consecutive sprays of PATRIOT® unless mixed with a protectant fungicide from group 14, 28, M2, M3, M4 or M5.
	White helminthosporium	280 mL per bowling green	150 L per bowling green	Make monthly preventative applications from December to March. This use is subject to an FRAC anti-resistance strategy. DO NOT apply more than two consecutive sprays of PATRIOT® unless mixed with a protectant fungicide from group 14, 28, M2, M3, M4 or M5.

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 AREAS OR FEED TURF CLIPPINGS FROM TREATED AREAS TO ANIMALS INCLUDING POULTRY.

GENERAL INSTRUCTIONS

APPLICATION

Good control requires good coverage. Application should be made using sufficient water to ensure thorough coverage.

TURF NUTRITION

This product acts very rapidly and where the turf is of a low nutritional status, a slight yellowing may be seen. This will be corrected by nitrogenous fertiliser application. Where possible, it is recommended that the fertiliser program should precede the fungicide application.

RESISTANCE WARNING

For fungicide resistance management PATRIOT® Fungicide is a Group 3 & 11 fungicide. Some naturally occurring individual fungi resistant to PATRIOT® and other Group 3 & 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 PATRIOT® and other Group 3 & 11 fungicides, thus resulting in a reduction in efficacy. Since the occurrence of resistant fungi is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of PATRIOT® Fungicide to control resistant fungi.

GROUP	3 11	FUNGICIDE
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RE-ENTRY

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

RISK TO NON-TARGET INSECTS

PATRIOT® may have adverse effects on some non-target beneficial insects, in particular predatory bugs. This risk should be taken into account where Integrated Pest Management utilising these organisms is practiced.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or watercourses with this product 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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

SAFETY DIRECTIONS

When opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. If applying by spraying equipment carried on the back of the user, wear cotton overalls over normal clothing buttoned to the neck and wrist and elbowlength chemical resistant gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for PATRIOT® is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of PATRIOT® Fungicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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