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

Brumby® 480 SC

FUNGICIDE

ACTIVE CONSTITUENTS: 480 g/L PROTHIOCONAZOLE

GROUP 3 FUNGICIDE

For the control of various diseases in peanuts as specified in the DIRECTIONS FOR USE table

DIRECTIONS FOR USE

RESTRAINTS

- DO NOT** apply where the slope exceeds 7%.
- DO NOT** apply if heavy rains or storms that are likely to cause runoff are forecast within 48 hours.
- DO NOT** apply to waterlogged soils.
- DO NOT** irrigate to the point of runoff for at least 48 hours after application.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets not smaller than a MEDIUM spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section) are observed.

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets not smaller than a MEDIUM spray droplet size category.
- For maximum release heights above the target canopy of 3 m or 25 per cent of wingspan or 25 per cent of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section) are observed.

MANDATORY BUFFER ZONES

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the **mandatory buffer zones** shown in the table below.



Buffer zones for protection of the aquatic environment		
Wind speed range at time of application	Downwind mandatory buffer zone	
FOR AERIAL APPLICATION		
	Fixed-wing	Helicopter
from 3 to 8 kilometres per hour	60 metres	60 metres
from 8 to 14 kilometres per hour	60 metres	60 metres
from 14 to 20 kilometres per hour	80 metres	60 metres
FOR GROUND APPLICATION		
From 3 to 20 kilometres per hour	5 metres	

DIRECTIONS FOR USE TABLE

CROP	DISEASE	RATE	CRITICAL COMMENTS
Peanuts (QLD, NSW, WA, NT only)	Early leaf spot, late leaf spot, rust	250 to 400 mL/ha	<p>Begin spraying no later than 3-4 weeks after emergence. Repeat applications at 10-14 day intervals. Under conditions conducive to high disease pressure, prolonged wet weather or heavy rains, use the high rate and shortest spray interval.</p> <p>In localities with frequent and persistent rainfall, or in irrigated crops, it is recommended that Brumby 480 SC Fungicide usage should be integrated with a base program of protectant fungicide applications for best control of leaf diseases. Apply no more than four applications of Brumby per season.</p> <p>Ground application Ensure thorough coverage of foliage and apply in a spray volume of 150 to 450 L of water per hectare.</p> <p>Aerial application Apply at least 30 L of spray mixture per hectare. Closed mixing/loading systems must be used when preparing spray for aerial application.</p>

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

WITHHOLDING PERIODS

**Peanuts: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION
DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION**

GENERAL INSTRUCTIONS

Foliar diseases on peanuts

Monitor the crop regularly for symptoms of disease. Generally spray at the first sign of disease, although this will depend on factors such as expected weather conditions and the particular crop variety resistance. Refer to Directions for Use for particular disease recommendations. Up to four sprays of Brumby 480 SC Fungicide may be applied per season to the crop. Ensure good coverage of all susceptible plant parts.

Mixing

Prior to pouring, shake container vigorously, then add the required quantity of Brumby 480 SC Fungicide to water in the spray vat with agitators in motion.

Application

Ground: Apply product using a spray volume of 150 to 400 L/ha. Ensure thorough coverage of foliage.

Aerial: Apply at least 30 L of spray mixture per hectare. DO not use open mixing/loading systems when preparing spray for aerial application.

**Compatibility**

Brumby 480 SC Fungicide is compatible with Crop Care Barrack 720 Fungicide and Bravo Weather Stik Fungicide. For the latest information on product compatibilities, contact your local Bayer Crop Science representative.

FUNGICIDE RESISTANCE WARNING

GROUP	3	FUNGICIDE
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Brumby 480 SC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management the product is a Group 3 fungicide. Some naturally occurring individual fungi resistant to the product 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 this product and 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, Bayer CropScience Pty Ltd accepts no liability for any losses that result from failure of this product to control resistant fungi.

PRECAUTIONS**Re-entry Period**

Do not enter treated areas for 1 day when conducting high exposure activities such as hand harvesting, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. For all other activities, do not enter treated areas until the spray has dried 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 WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands 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 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 for appropriate disposal 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. Do not use empty container for any other purpose.

SAFETY DIRECTIONS

May irritate the eyes. Avoid contact with eyes. When opening the container, 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 boomspray equipment wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID

First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26) or a doctor.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from www.crop.bayer.com.au.

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.



Brumby

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APVMA Approval No. 68332/125015

FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111

GHS STATEMENTS

Classification not required according to GHS criteria