

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

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.

Fungicide Resistance Warning

GROUP 3 FUNGICIDE

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.

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 CropScience representative.

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 or preferably pressure rinse container 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

If poisoning occurs contact a doctor or Poisons Information Centre (telephone 13 11 26).

ADDITIONAL USER SAFETY INFORMATION

WARNING: May cause birth defects.

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.

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

DO NOT apply with spray droplets smaller than a **MEDIUM** spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the British Crop Production Council 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 must **KEEP** this record for at least 2 years. The spray application details that must be recorded are:

- 1 date with start and finish times of application
- 2 location address and paddock/s sprayed
- 3 full name of this product
- 4 amount used per hectare and number of hectares applied to
- 5 crop or situation and weed or pest
- 6 wind speed and direction during application
- 7 air temperature and relative humidity during application
- 8 nozzle brand, type, spray angle, nozzle capacity 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, surface streams and rivers downwind from the application area and within the **mandatory no-spray zones** shown in the table below.

No-spray zones for protection of the aquatic environment		
Wind speed range at time of application	Downwind mandatory no-spray 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	

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**