

Protak[®] 450EC

FUNGICIDE

GROUP 3 FUNGICIDE

Active Constituent: 450g/L PROCHLORAZ

Poison Schedule: S6 (POISON)

APVMA Approval No: 45187

For control of post-harvest anthracnose and stem-end rot in certain tropical fruits, dollar spot in turf, pineapple disease in sugarcane setts and post-harvest water blister in pineapple as shown under directions for use.

Pack Size:

1L (12 x 1L per carton)

Dangerous Goods Class:

3

DIRECTIONS FOR USE				
Crop	Disease	States	Rate	Critical Comments
Avocado	Anthracnose Stem end rot	Qld, NSW, NT, WA only	55mL/100L water	Spray fruit for 30 seconds. DO NOT use on Avocado cultivar Rincon.
Banana	Anthracnose (black-end)			
Mango	Anthracnose (Colletotrichum gloeosporioides)			
	Altemaria rot (Altemaria alternata)	Qld only		
Pawpaw	Anthracnose, Stem-end rot	Qld, NSW, NT, WA only	40mL/200L water	Spray fruit for 1 minute.
Pineapples	Water blister (Ceratocystis paradoxa)	Qld only		Dip fruit for 1 minute. As the dip volume declines, top-up using a concentration of 85mL per 100L water.
Sugar Cane	Pineapple disease	Qld, NSW, NT only		Apply as a dip or spray to setts at planting. Ensure thorough coverage at all sett ends.
Turf	Dollar spot (Sclerotinia homeocarpa)	Qld, NSW, Vic, SA, WA, NT, ACT only	65mL/50 to 100L water/100m ²	Apply in a monthly spray programme when disease first appears. Spray evenly to ensure thorough coverage.
NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL, UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.				
WITHHOLDING PERIOD – Not required when used as directed.				

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GENERAL INSTRUCTIONS:
FUNGICIDE RESISTANCE WARNING

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PROTAK 450 EC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management PROTAK 450 EC Fungicide is a Group 3 fungicide. Some naturally occurring individual fungi resistant to PROTAK 450 EC Fungicide 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 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, Colin Campbell (Chemicals) Pty. Ltd. accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

Mixing: Add the required amount of product to the water in the spray tank/reservoir and stir thoroughly to ensure complete mixing. Add anti-foaming agent in situations where foaming of the dip solution could be a problem.

Application – Post harvest: Dip pineapples as directed.

For other crops, until a topping-up recommendation is available, this product should be used in nonrecirculating spray systems only. Treat fruit as soon as possible after harvest at shed temperature. Thorough coverage is essential. Adjust spraying equipment to ensure exposure of fruit for the periods recommended in the Critical Comments above. DO NOT use this product as a foliar spray on fruit as it may cause burning of foliage.

PROTECTION OF LIVESTOCK: DO NOT graze stock on treated turf or feed grass clippings from treated turf to livestock.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT: Harmful to fish. DO NOT contaminate ponds, streams, rivers, dams, drains or waterways with this product or used containers.

STORAGE AND DISPOSAL: Store in the closed, original container in a well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Triple rinse empty containers adding rinsings to the spray tank, or dispose of with empty container and any excess spray. Puncture top, bottom and sides of empty container, then crush and bury in an approved landfill, or bury under at least 500mm of soil in a non-crop, non-pasture area away from water sources or homes.

SAFETY DIRECTIONS: Product is poisonous if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the spray, wear elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. 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.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet No 9.

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CONDITIONS OF SALE

Agricultural, horticultural and pastoral preparations in their application involve varying factors such as differing conditions, soil, climate and methods of application over which the vendor does not have control, Whilst Colin Campbell (Chemicals) Pty. Ltd believes that all goods sold by it are true to label and are effective and safe for purpose indicated the company and the seller hereby expressly negate and exclude any express or implied condition, statement or warranty, statutory or otherwise, as to quality or fitness of any goods sold for any purpose or purposes whatsoever except such warranties and conditions, if any, as are implied by the Trade Practices Act 1974 (Commonwealth). The company and the seller accept no responsibility for any loss, harm or damage whatsoever suffered from the use of such goods for any purpose or purposes irrespective of whether or not the buyer was acting in reliance upon the advice recommendation or representation of the seller or any representative agent of employee of the company as to such use except in respect of breaches of conditions and warranties, if any, implied by the Trade practices Act and in respect of such breaches the liability of the company and the seller shall be limited to the replacement of the goods or the supply of equivalent goods, or the payment of the cost of replacing the goods.

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