

POISON

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

Farmoz

Captan

FUNGICIDE

ACTIVE CONSTITUENT: 800 g/kg CAPTAN

GROUP **Y** FUNGICIDE

For the control of certain diseases in a range of fruit crops, turf and ornamentals as shown under Directions for Use.

www.farmoz.com.au

DIRECTIONS FOR USE TREE AND VINE CROPS:

RATE					CRITICAL COMMENTS
In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/Application section.					
CROP	DISEASE	STATE	RATE/100 L	WHP	
Apples	Black Spot (<i>Venturia inaequalis</i>)	All States	Dilute spraying 125 g/100L Concentrate spraying Refer to the Mixing/ Application section	7 days	For all uses in this table apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use at concentrate rates greater than 250 g/100 L water. Apply from pink stage onwards following a copper spray at green tip, then at 7 day intervals until petal fall. After petal fall apply as a cover spray at 10-14 day intervals. The risk of russet may be increased in some varieties. Where this is of concern use alternative materials between full bloom and second cover. Apply to point of run-off. Apply no more than five applications per season. Apply at 50% bud-burst and repeat application 10-14 days later. Apply to point of run-off. Apply no more than five applications per season. Apply in a program of sprays applied at early flowering, 80-100% cap fall, pre-bunch closure, veraison and pre-harvest. Apply to point of run-off. Apply no more than five applications per season. Apply from flowering onwards, at intervals of 10-14 days. Apply to point of run-off. Apply no more than five applications per season. Commence application at early budburst and repeat at 7 to 14 day intervals until prior to flowering to maintain a cover of new grape foliage. Apply no more than 5 applications per season. Use the shorter application interval where there is rapid shoot growth and conditions are favourable for Phomopsis infection (wet weather). Adjust spray application equipment to obtain a thorough coverage of grape buds and shoots. Apply at any of the following times as part of a spray program to control blossom blight and brown rot - pink bud, 10% blossom, full bloom, petal fall and shuck fall and pre-harvest sprays at 6, 3 and 1 week prior to harvest. Apply to point of run-off. Apply no more than five applications per season. DO NOT apply to apricots as damage to fruit and foliage may occur.
Pears	Black Spot (<i>Venturia pirina</i>)				
Grapes	Black Spot (<i>Elsinoe ampelina</i>)				
	Grey Mould (<i>Botrytis cinerea</i>)				
	Downy Mildew (<i>Plasmopara viticola</i>)				
	Phomopsis Cane and Leaf Blight (<i>Phomopsis viticola</i>)				
Stone Fruit (except Apricots)	Blossom blight and Brown rot (<i>Sclerotinia laxa</i> , <i>S fructicola</i>)				

**DIRECTIONS FOR USE
NON TREE AND VINE CROPS:**

CROP	DISEASE	STATE	RATE/100 L	WHP	CRITICAL COMMENTS	
Strawberries	Grey Mould (<i>Botrytis cinerea</i>), Gloeosporium Fruit Rot	All States	125 g	1 day	Apply every 10 days commencing at blossom stage. Apply to point of run-off. Apply no more than five applications per season.	
	Phytophthora Fruit Rot (<i>Phytophthora nicotianae</i> var <i>parasitica</i>), Black Spot (Anthracnose), (<i>Colletotrichum acutatum</i>), Scorch (<i>Diplocarpon earlianum</i>), Leaf Blight (<i>Dendrophoma obscurans</i>)		200 g			
Turf	Brown Patch (<i>Rhizoctonia solani</i>)		100-150 g in 25-50 L water/100 m ² turf	–		For preventative treatment from September to April, apply every 5-6 weeks. Apply no more than five applications per season.
Seedlings (Ornamentals and Tobacco)	Damping-off (<i>Pythium</i> spp)		125 g			Use 3 L of solution per m ² of seedbed. Apply every 7- 14 days when weather conditions favouring the disease persists, paying particular attention to bases of seedlings. When treating tobacco seedbeds, wait until seedlings are at least 5 cm high.
Roses	Black Spot (<i>Diplocarpon rosae</i>)				Apply to thoroughly wet both surfaces of foliage. Apply every 7-14 days. Use the shorter interval during showery weather. Apply no more than five applications per season.	

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

THIS PRODUCT SHOULD NOT BE APPLIED BY AIRCRAFT

WITHHOLDING PERIODS

STRAWBERRIES:

DO NOT HARVEST FOR 1 DAY AFTER APPLICATION

APPLES, PEARS, GRAPES, STONE FRUIT:

DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

DO NOT USE TREATED PRODUCE FOR STOCK FOOD WITHIN 7 DAYS OF TREATMENT

GENERAL INSTRUCTIONS

FUNGICIDE RESISTANCE WARNING

For fungicide resistance management FARMOZ CAPTAN Fungicide is a Group Y

GROUP	Y	FUNGICIDE
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 fungicide. Some naturally occurring individual fungi resistant to CAPTAN and other Group Y 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 CAPTAN or other Group Y 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, FARMOZ Pty. Ltd. accepts no liability for any losses that may result from the failure of CAPTAN to control resistant fungi.

MIXING

CAPTAN mixes readily with water and should not be pre-mixed. Slowly add the required amount of product to the water under agitation in the spray vat. Maintain agitation throughout spraying. After a stoppage, thoroughly re-mix before recommencing spraying.

COMPATIBILITY AND CROP SAFETY

Mixtures of CAPTAN with commonly used wettable powders and suspension concentrate insecticides and fungicides should not cause any problems. Apart from the products listed below mixtures with emulsifiable concentrates are not recommended. If tank mixes are to be used observe all directions, precautions and limitations on all products to be used. Caution should also be exercised when spraying any mixtures on varieties of fruit trees or vines where there has been no previous experience of mixtures with CAPTAN.

CAPTAN Fungicide is compatible with any one of the following products: Anvil¹, Bayfidan¹, Topaz¹, Penncap-M¹, Gusathion¹ 200SC with or without calcium nitrate, Bugmaster¹ Flowable, Confidor¹, Hymal, Insegar¹, Kumulus¹, Lebaycid¹, Lorsban¹, Mavrik[®] Aquaflow, Omite¹ 300WG (apples only), Pirimor¹ WG, Pyranica¹, Saboteur¹, Sanmite¹, Systhane¹.

A mixture of CAPTAN with more than one of these products or with any other product may be ineffective or may cause serious damage. The use of such a mixture is not recommended without prior advice, and would therefore be entirely at the user's risk. If other mixtures or 3 way mixtures of any of these products are being considered consult your FARMOZ dealer or representative for advice.

Mixtures of CAPTAN with Lorsban¹ 500EC or Nimrod[®] may leave an oily residue on the inside of spray vats which may be difficult to remove. CAPTAN should not be combined with Bordeaux mixture, spray lime, lime sulphur or oils. DO NOT apply CAPTAN in combination with or within 14 days before or after winter or summer oil sprays. Combinations of CAPTAN and sulphur should not be used on crops sensitive to sulphur.

CAPTAN mixed with Folidol¹ M500 may be phytotoxic to many varieties of apples and pears. If it is necessary to use both CAPTAN and Folidol M500 in a spray program, sprays of these products must be at least 7 days apart.

On pears tank mixtures of CAPTAN plus Omite¹ 300WG and CAPTAN and Gusathion¹ (without calcium nitrate) plus Omite 300WG have been found to be phytotoxic. DO NOT tank mix these products, for use on pears.

Caution should be taken when applying chemical mixtures to all crops. Varieties within crop groups may react differently therefore a small area should be tested prior to application to crop.

APPLICATION

Ground application - these rates are for high volume spraying to point of run-off.

DO NOT apply by aircraft.

Dilute Spraying

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Directions for Use table for each 100 L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.

PACK SIZE: 10 kg

- Determine an appropriate dilute spray volume (see Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.

- The mixing rate for concentrate spraying can then be calculated in the following way.

Example only

1. Dilute spray volume as determined above: For example 1000 L/ha
2. Your chosen concentrate spray volume: For example 500L/ha
3. The concentration factor in this example is :
 $2X$ (i.e. $1000 L \div 500 L = 2$)
4. If the dilute label rate is 125 g/100 L, then the concentrate rate becomes 2×125 , that is 250 g/100 L of concentrate spray.

- The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows.

- DO NOT use at a concentration rate higher than that specified in the Critical Comments as crop safety has not been assessed.

- For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

PRECAUTION

RE-ENTRY PERIODS

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.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT apply directly to water. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto water, or to areas where surface water is present. DO NOT contaminate surface water with the concentrated product, spray mix, rinsate, drainage water from glasshouses or the used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Avoid preparation of excess spray, but if necessary, spray out excess mixed spray or dispose of in a soil pit which does not drain into waterways or ponds. Degradation of excess material may be hastened by making solutions alkaline with lime or washing soda. Shake empty bag into spray tank. DO NOT dispose of undiluted chemicals on site. Puncture or shred 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 or swallowed. Will damage eyes. Avoid contact with eyes and skin. DO NOT inhale dust or spray mist. Repeated exposure may cause allergic disorders. When preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and goggles. If product on skin, immediately wash area with soap and water. If product or spray in eyes, wash it out immediately with 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, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for CAPTAN is available from FARMOZ on request. Call Customer Service on (02) 9431 7800.

CONDITIONS OF SALE: The use of FARMOZ CAPTAN Fungicide being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. Ltd., 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 FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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UN No. 3077

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

(CONTAINS CAPTAN)

MARINE POLLUTANT

PG III

HAZCHEM 2<Z>