

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

**CROP CARE**  
**CAPTAN**  
**WG FUNGICIDE**

ACTIVE CONSTITUENT: 800g/kg CAPTAN

<b>GROUP</b>	<b>Y</b>	<b>FUNGICIDE</b>
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For the control of certain diseases in a range of fruit crops,  
turf & ornamentals as per directions for use.

IMPORTANT: READ THE ATTACHED LEAFLET  
BEFORE USING THIS PRODUCT

**NET CONTENTS: 5 & 10 kg**

**Crop Care Australasia Pty Ltd, Unit 15/16 Metroplex Avenue, Murarrie Qld 4172**

## 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 sprays 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 box 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 500mm 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 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.

**Additional Information is listed in the Material Safety Data Sheet which can be obtained from the supplier.**

## Conditions of sale

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

<b>UN No. 3077</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS CAPTAN) MARINE POLLUTANT</b>
In a Transport Emergency Dial <b>000</b> Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY <b>1800 033 498</b> ALL HOURS - AUSTRALIA WIDE
<b>PG III</b>	<b>HAZCHEM 2&lt;Z&gt;</b>



Crop Care Australasia Pty Ltd  
ACN 061 362 347  
Unit 15/16 Metroplex Avenue  
Murarrie Qld 4172

bar code and  
print code to be  
inserted

APVMA Approval No. : 48198/5KG/0507  
48198/10KG/0507

**BN**  
**DOM**

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**Crop Care Australasia Pty Ltd, Unit 15/16 Metroplex Avenue, Murarrie Qld 4172**

**DIRECTIONS FOR USE**  
**Tree and Vine Crops:**

<b>Rate</b> In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/Application section.					<b>Critical Comments</b> For all uses in this table apply by dilute or concentrate spraying equipment. <b>Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</b>
Crop	Disease	States	Rate/100L	WHP	
Apples	Black spot ( <i>Venturia inaequalis</i> )	All States	<b>Dilute spraying</b> 125 g/100 L  <b>Concentrate spraying</b> Refer to the Mixing/Application section	7 days	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. Do not use at concentrate spray rates greater than 5X the dilute application rate.
Pears	Black spot ( <i>Venturia pirina</i> )	All States		7 days	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. Do not use at concentrate spray rates greater than 5X the dilute application rate.
Grapes	Black spot ( <i>Elsinoe ampelina</i> )	All States		7 days	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. Do not use at concentrate spray rates greater than 5X the dilute application rate.
	Grey mould ( <i>Botrytis cinerea</i> )		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. Do not use at concentrate spray rates greater than 5X the dilute application rate.		
	Downy mildew ( <i>Plasmopara viticola</i> )		Apply from flowering onwards, at intervals of 10-14 days. Apply to point of run-off. Apply no more than five applications per season. Do not use at concentrate spray rates greater than 5X the dilute application rate.		

Grapes <i>cont.</i>	Phomopsis Cane and Leaf Blight ( <i>Phomopsis viticola</i> )	All States	<b>Dilute spraying</b> 125 g/100 L  <b>Concentrate spraying</b> Refer to the Mixing/ Application section	7 days	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. Do not use at concentrate spray rates greater than 5X the dilute application rate.
Stone Fruit (Except apricots)	Blossom blight and Brown rot ( <i>Sclerotinia laxa</i> , <i>S. fructicola</i> )	All states		7 days	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. Do not use at concentrate spray rates greater than 2X the dilute application rate.

#### DIRECTIONS FOR USE

##### Non Tree and Vine Crops:

Crop	Disease	States	Rate/100L	WHP	Critical Comments
Strawberries	Grey mould ( <i>Botrytis cinerea</i> ) Gloeosporium fruit rot	All States	125g	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> )		200g		
Turf	Brown patch ( <i>Rhizoctonia solani</i> )	All States	100-150g in 25-50 litres of water for each 100m <sup>2</sup> of turf	-	For preventative treatment from September to April, apply every 5-6 weeks. Apply no more than five applications per season.
Seedlings (Ornamentals & Tobacco)	Damping-off ( <i>Pythium</i> spp)	All States	125g	-	Use 3 litres of solution per m <sup>2</sup> of seedbed. Apply weekly-fortnightly when weather conditions favouring the disease persists, paying particular attention to bases of the seedlings. When treating tobacco seedbeds wait until seedlings are at least 5cm high.
Roses	Black spot ( <i>Diplocarpon rosae</i> )	All States	125g	-	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, GRAPES, PEARS, 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**

GROUP	<b>Y</b>	FUNGICIDE
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For fungicide resistance management the product is a Group Y fungicide.

Some naturally occurring individual fungi resistant to Captan WG Fungicide 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 WG Fungicide 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, Crop Care Australasia Pty Ltd accepts no liability for any losses that may result from the failure of Captan WG Fungicide to control resistant fungi.

##### **Mixing**

Captan WG 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 WG 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 WG.

Captan WG is compatible with any one of the following products: Anvil®, Bayfidan®, Topaz®, Penncap-M®, Gusathion® 200SC with or without calcium nitrate, Bugmaster® Flowable, Confidor®, Hymal, Insegar®, Kumulus®, Lebaycid®, Lorsban®, Mavrik® Aquaflo, Omite ®300WG (apples only), Pirimor® WG, Pyranica®, Saboteur®, Sanmite®, Systhane®.

A mixture of Captan WG 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 Crop Care dealer or representative for advice.

Mixtures of Captan WG with Lorsban® 500EC or Nimrod® may leave an oily residue on the inside of spray vats which may be difficult to remove.

Captan WG should not be combined with Bordeaux mixture, spray lime, lime sulphur or oils. Do not apply Captan WG in combination with or within 14 days before or after winter or summer oil sprays. Combinations of Captan and sulfur should not be used on crops sensitive to sulfur.

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

On pears tank mixtures of Captan WG plus Omite® 300WG and Captan WG and Gusathion® (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**

For 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. 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:  $2 \times$  (ie.  $1000L / 500L = 2$ ).
4. If the dilute label rate is 125 g/100L, then the concentrate rate becomes  $2 \times 125$ , that is 250 g / 100L of concentrate spray.

The chosen spray volume, amount of product per 100L 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 wrists (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

### **PROTECTION OF 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 container.

### **STORAGE AND DISPOSAL**

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Avoid preparation of excess spray, but if necessary, spray out excess mixed sprays 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.

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Hy-Mal and Saboteur are Registered Trademarks of Nufarm Technologies USA Pty Ltd.  
Anvil, Bayfidan, Bugmaster, Confidor, Folidol, Gusathion, Insegar, Kumulus, Lebaycid, Lorsban, Mavrik, Nimrod, Omite, Penncap, Pirimor, Pyranica, Sanmite, Systhane and Topaz are Registered Trademarks.



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(insert label code)