

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

CropSure

Captan 800WG

Fungicide

ACTIVE CONSTITUENT: 800g/kg CAPTAN

GROUP	M4	FUNGICIDE
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**For the control of certain diseases in a range of fruit crops, almonds, pistachios, turf and
ornamentals as shown under Directions for Use**

IMPORTANT: READ THIS LABEL BEFORE OPENING OR USING THIS PRODUCT

NET CONTENTS: 5 kg - 10KG

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DIRECTIONS FOR USE**RESTRAINTS:**

DO NOT apply this product with aircraft.

Tree and Vine Crops

Rate In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/ Application section.					Critical Comments 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.
Crop	Disease	State	Rate/100L	WHP	
Apples	Black spot (<i>Venturia inaequalis</i>)	All States	Dilute spraying 125g/100L Concentrate spraying 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.
Almonds and Pistachios	Anthracnose (<i>Colletotrichum</i> spp.)		Dilute spraying 200g/100L Concentrate spraying Refer to the Mixing/ Application section	28 days	For almonds, apply at either pink bud, full bloom, petal fall or at 2-3 and 4-6 weeks post petal fall using the shorter intervals under heavy pressure. For pistachios, apply from bud swell through to full bloom stage in orchards with a history of disease pressure. As part of an overall spray program, further applications may be applied during spring and summer where favourable disease conditions exist. Apply when climatic conditions favour disease development. Apply in a protective program alone or with other fungicides approved for the specified diseases. Apply no more than five applications per season.

Rate In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/ Application section.					Critical Comments 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.
Crop	Disease	State	Rate/100L	WHP	
Pears	Black spot (<i>Venturia pirina</i>)		Dilute spraying 125 g/100 L Concentrate spraying 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.
Grapes	Black spot (<i>Elsinoe ampelina</i>)	All States	Dilute spraying 125 g/100 L Concentrate spraying Refer to the Mixing/ Application section	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.
	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.
	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.
	Phomopsis Cane and Leaf Blight (<i>Phomopsis viticola</i>)				Commence application at early budburst and repeat at 7-14 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.
Stone Fruit (Except apricots)	Blossom blight and Brown rot (<i>Sclerotinia laxa</i> , <i>S. fructicola</i>)				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.

Rate In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/ Application section.					Critical Comments 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.
Crop	Disease	State	Rate/100L	WHP	
					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.

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>)		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 & Tobacco)	Damping-off (<i>Pythium</i> spp)		125g		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

WITHHOLDING PERIOD:**ALMONDS, PISTACHIOS:****DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.****APPLES, PEARS, GRAPES, STONE FRUIT:****DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.****STRAWBERRIES:****DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.****DO NOT USE TREATED PRODUCE (OTHER THAN ALMONDS, PISTACHIOS AND ALMOND HULLS) FOR 7 DAYS AFTER APPLICATION.****DO NOT USE TREATED PISTACHIOS, ALMOND OR ALMOND HULLS FOR STOCKFOOD WITHIN 28 DAYS OF TREATMENT.**

DO NOT GRAZE ANY TREATED AREA OR CUT ANY TREATED AREA FOR STOCKFOOD.

EXPORT TRADE ADVICE

TREATED CROPS: Treated crop commodities destined for export may require extra time being allowed between application and harvest, to be accepted in some export markets. Before you use this product, you are advised to contact CropSure Pty Ltd and/or your industry body about any potential trade issues and their management.

GENERAL INSTRUCTIONS

Fungicide Resistance Warning

GROUP	M4	FUNGICIDE
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CropSure Captan 800WG Fungicide is a member of the Multi-site activity Phthalimides (electrophiles) group of fungicides. For fungicide resistance management the product is a Group M4 fungicide. Some naturally occurring individual fungi resistant to CropSure Captan 800WG Fungicide and other Group M4 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 CropSure Captan 800WG Fungicide or other Group M4 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, CropSure Pty Ltd accepts no liability for any losses that may result from the failure of CropSure Captan 800WG Fungicide to control resistant fungi.

Mixing

CropSure Captan 800WG Fungicide 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 CropSure Captan 800WG Fungicide 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 CropSure Captan 800WG Fungicide.

CropSure Captan 800WG Fungicide is compatible with any one of the following products: Aphidex®, carbaryl, chlorpyrifos, dimethoate, hexaconazole, Insegar†, Kohinor®, maldison, Mavrik® Aquaflow, myclobutanil, penconazole, propargite (apples only), Pyranica†, Sanmite†, sulphur and triadimenol.

A mixture of CropSure Captan 800WG Fungicide 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 CropSure Pty Ltd dealer or representative for advice.

Mixtures of CropSure Captan 800WG Fungicide with chlorpyrifos or Nimrod® may leave an oily residue on the inside of spray vats which may be difficult to remove.

CropSure Captan 800WG Fungicide should not be combined with copper mixture, spray lime, lime sulphur or oils. Do not apply CropSure Captan 800WG Fungicide 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.

On pears, tank mixtures of CropSure Captan 800WG Fungicide plus propargite and CropSure Captan 800WG Fungicide and Gusathion®(without calcium nitrate) plus propargite 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 100L 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 500 L/ha.
3. The concentration factor in this example is: $2 \times$ (i.e. $1000\text{L}/500\text{L} = 2$).
4. If the dilute label rate is 125g/100L, then the concentrate rate becomes 2×125 , that is 250g/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 wrist (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 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 and empty contents into spray tank. DO NOT dispose of undiluted chemicals on site.

Break, crush, or puncture and deliver empty packaging 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.

SAFETY DIRECTIONS

May irritate the nose and throat. May irritate the skin. DO NOT inhale dust or spray mist. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing.

When opening the container, mixing and loading the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves, and a face shield or goggles.

When using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves. 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, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS), which is available from the supplier.

CONDITIONS OF SALE

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE

24HR Medical Emergency Information:
Australia +61 1800 951 288
New Zealand +64 800 700 112

DOM.:

BATCH NO:

APVMA Approval No: 90361/128646

May cause an allergic skin reaction. Causes serious eye damage. May cause genetic defects. Suspected of causing cancer. Very toxic to aquatic life. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep or store away from combustible materials. Avoid breathing dusts. Do not get in eyes, on skin, or on clothing. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing and eye or face protection. Immediately call a POISON CENTRE or doctor/physician. Wash contaminated clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice. If skin irritation or rash occurs: Get medical advice. In

case of fire: Use carbon dioxide, dry chemical, foam, water fog, to extinguish. Store locked up. Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Dispose of contents and containers as specified on the registered label.

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† Other registered trademarks