

Captan 900WG

FUNGICIDE

DIRECTIONS FOR USE RESTRAINTS: DO NOT APPLY WITH AIRCRAFT 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 110 g/100L	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>)		Concentrate spraying Refer to the Mixing/ Application section			
Grapes	Black Spot (<i>Elsinoe ampelina</i>)					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.
Stone Fruit (except Apricots)	Blossom Blight and Brown Rot (<i>Sclerotinia laxa</i> , <i>S. fructicola</i>)				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.	
					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 5x the dilute application rate.	

- 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

Very toxic to aquatic life. 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. 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 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 regulation. DO NOT burn empty containers and product.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will damage the eyes. May irritate skin. May irritate the nose and throat. Avoid contact with eyes and skin. If product or spray in eyes, wash it out immediately with water. Do not inhale dust or spray mist. When opening the container, mixing and loading and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC/Nitrile gloves and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length rubber gloves. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Wash hands after use. 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 131126.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for FARMALINX Captan 900WG Fungicide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

† Other registered trademarks

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APVMA Approval No.: 68373/58246

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

Captan 900WG

FUNGICIDE

ACTIVE CONSTITUENT: 900 g/kg CAPTAN

GROUP M4 FUNGICIDE

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

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT

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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	110 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>)		180 g		
Turf	Brown Patch (<i>Rhizoctonia solani</i>)		90-135 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.)		110 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.

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CONTINUED OVERLEAF

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: $2 \times (\text{i.e. } 1000 \text{ L} \div 500 \text{ L} = 2)$
 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.
- Example only
- The mixing rate for concentrate spraying can then be calculated in the following way.
 - Determine an appropriate dilute spray volume (see Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
 - Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
 - 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.
 - The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.
 - 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 water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
 - The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry of run-off. Avoid excessive run-off.
 - 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.
 - Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
 - Dilute Spraying
 - DO NOT apply by aircraft.
 - Ground application - these rates are for high volume spraying to point of run-off.

APPLICATION

On pears tank mixtures of Captan 900WG plus Omite[†] 300WG and Captan 900WG 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.

GENERAL INSTRUCTIONS

FUNGICIDE RESISTANCE WARNING

FarmaLinx Captan 900WG Fungicide is a member of the Multisite activity action group of fungicides. For fungicide resistance management FARMALINX Captan 900WG Fungicide is a Group M4 fungicide. Some naturally occurring individual fungi resistant to Captan 900WG 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 Captan 900WG 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, FARMALINX Pty Ltd accepts no liability for any losses that may result from the failure of Captan 900WG to control resistant fungi.

MIXING

Captan 900WG 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. Captan 900WG degrades rapidly in high pH solutions. Therefore the addition of a buffering agent such as Primab[†] Biodegradable Adjuvant to the spray solution is recommended when mixing Captan 900WG in alkaline water.

COMPATIBILITY AND CROP SAFETY

Mixtures of Captan 900WG 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 900WG . Captan 900WG Fungicide is compatible with any one of the following products: Anvil[†], Bayfidan[†], Topaz[†], Pennicap-M[†], Gusathion[†] 200SC with or without calcium nitrate, Bugmaster[†] Flowable, Confidor[†], Hymal, Insegar[†], Kumulus[†], Lebaycid[†], Lorsban[†], Mavrik[†] Aquaflo, Omite[†] 300WG (apples only), FARMALINX Piricarb WG, Pyranica[†], Saboteur[†], Sanmite[†], Systhane[†].

A mixture of Captan 900WG 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 FARMALINX dealer or representative for advice.

Mixtures of Captan 900WG with Lorsban[†] 500EC or Nimrod[†] may leave an oily residue on the inside of spray vats which may be difficult to remove. Captan 900WG should not be combined with Bordeaux mixture, spray lime, lime sulphur or oils. DO NOT apply Captan 900WG in combination with or within 14 days before or after winter or summer oil sprays. Combinations of Captan 900WG and sulphur should not be used on crops sensitive to sulphur.

Captan 900WG mixed with Folidol[†] M500 may be phytotoxic to many varieties of apples and pears. If it is necessary to use both Captan 900WG and Folidol M500 in a spray program, sprays of these products must be at least 7 days apart.