

Sythane[®]

400 WP

FUNGICIDE

ACTIVE CONSTITUENT:
400 g/kg MYCLOBUTANIL

GROUP 3 FUNGICIDE

For the control of black spot on apples and pears and powdery mildew on apples and strawberries as per the Directions For Use Table.

Pack Sizes: 60 g & 600 g

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

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre.
Phone: *Australia* 13 11 26.

SAFETY DIRECTIONS
May irritate the eyes, nose and throat and skin • Avoid contact with eyes and skin
• When using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat • Wash hands after use • After each day's use, wash gloves and contaminated clothing.

SAFETY DATA SHEET
Additional information is listed on the Safety Data Sheet for **SYSTHANE[®] 400 WP FUNGICIDE** which is available from Corteva Agriscience on request. Call Customer Service Toll Free on 1-800 700 096 or visit www.corteva.com.au

**EMERGENCY RESPONSE
(ALL HOURS)**
RING FROM ANYWHERE IN
AUSTRALIA
1800 370 754
(LOCAL CALL FEE ONLY)

IN A TRANSPORT
EMERGENCY ONLY
DIAL 000
FOR POLICE OR
FIRE BRIGADE



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Visit us at corteva.com.au

DIRECTIONS FOR USE

TREE and VINE CROPS

RATE			CRITICAL COMMENTS
In the following table, all rates given are for dilute spraying . For concentrate spraying , refer to the APPLICATION section.			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.
CROPS	DISEASE	RATE /100 L	
Apples and pears	Black spot (scab) Protective treatment	Dilute spraying: 12 gms	Apply at green tip, or at spur burst following a recommended green tip fungicide spray. Repeat at intervals of 7 to 10 days or as indicated in district spray schedules. After petal fall, and whenever spray intervals may exceed 10 days, add a protectant fungicide. A protectant should always be added to the last Systhane spray. The use of Dow AgroSciences Systhane for black spot (scab) control is subject to a CropLife Resistance Management Strategy.
	Black spot (scab) Curative treatment		Apply within 5 days after the commencement of an infection period.
Apples	Powdery mildew		Apply at early pink stage, and repeat at intervals of 10 to 14 days until December or as indicated in district spray schedules, and depending upon varieties and susceptibility.

NON TREE and VINE CROPS

CROPS	DISEASE	RATE /ha	CRITICAL COMMENTS
Strawberries	Powdery mildew	120 g/ha Use where spray volume is less than 1000 L/ha. Do not apply volumes less than 500 L/ha	Reduce background levels of disease by removing plant debris and rotted fruit. Commence spraying before disease appears. Plants should be thoroughly and evenly sprayed to run-off on both sides of the leaf. If conditions favour powdery mildew development, apply Systhane at 7 to 10 day intervals. To prevent or delay the onset of resistance to Group 3 fungicides, do not apply more than two successive Group 3 sprays before switching to a fungicide of a different group.
		Where spray volume exceeds 1000 L/ha use 12 g/100 L	

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

WITHHOLDING PERIODS

Apples and Pears: **DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST.**

Strawberries: **NOT REQUIRED WHEN USED AS DIRECTED.**

GENERAL INSTRUCTIONS

FUNGICIDE RESISTANCE WARNING

GROUP 3 FUNGICIDE

For fungicide resistance management Dow AgroSciences SYSTHANE™ 400 WP Fungicide is a Group 3 fungicide.

Some naturally occurring individual fungi resistant to the product and other Group 3 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly.

These resistant fungi will not be controlled by Dow AgroSciences SYSTHANE™ 400 WP Fungicide and 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, Dow AgroSciences accepts no liability for any losses that may result from the failure of Dow AgroSciences SYSTHANE™ 400 WP Fungicide to control resistant fungi.

MIXING/APPLICATION

Mixing:

Add the required number of water soluble sachets direct to the vat when about one third full with agitators in motion. Add other products after Dow AgroSciences Systhane has dispersed. If premixing, use at least 2 litres of water for each sachet. Do not mix with water with high free chlorine content, or with borax, as it may affect solubility of sachets.

Application:

Dow AgroSciences Systhane 400 WP Fungicide may be applied with hand wands or conventional orchard sprayers.

APPLICATION

DILUTE SPRAYING – Apples and Pears

Use a sprayer designed to apply high volumes of water up to the point of run-off and match 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 first 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 – Apples and Pears

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. Consult your local advisor, agronomist or Department of Agriculture to determine this volume. This is needed to calculate the concentrate mixing rate.

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

Concentrate Spraying Example

- 1) Dilute spray volume as determined above:
e.g. 1500 L/ha
- 2) Your chosen concentrate spray volume:
e.g. 500 L/ha
- 3) The concentration factor is 3X (1500 ÷ 500 L)
- 4) If the dilute label rate is 12 g/100 L,
then the concentrate rate becomes 3 x 12,
i.e. 36 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.

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

EQUIPMENT MAINTENANCE AND CLEANING

Ensure spray equipment is well maintained and calibrated before using. Check the pump, nozzles and hose lines for leaks or wear. After use flush lines thoroughly with clean water.

COMPATIBILITY

Systhane 400 WP Fungicide may be mixed with most commonly used insecticides and fungicides. As formulations of other manufacturers' products are beyond the control of Dow AgroSciences Australia Limited, all mixtures should be tested prior to mixing commercial quantities.

EXPORT OF TREATED PRODUCE

Sythane may leave detectable chemical residues in harvested strawberries. Overseas markets may not have appropriate residue tolerances in place or may have established residue tolerances lower than Australian maximum residue limit. If you are using this product on strawberries destined for export, please contact Dow AgroSciences Australia Limited for up to date information.

RE-ENTRY (Strawberries):

DO NOT allow entry into treated area 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 days use.

PROTECTION OF LIVESTOCK:

Low hazard to bees. May be applied to plants at any time.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a securely locked, dry, cool, well-ventilated place, out of direct sunlight.

DO NOT store near food, feedstuffs, fertilisers or seed.

DO NOT dispose of any undiluted chemical on-site.

Shred and bury empty packaging in an approved waste management facility. If an approved waste management facility is not available, bury the packaging below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty packaging and product should not be burnt.

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Made in USA

APVMA Approval No: 54696/0602

Hazard and precautionary statements according to classification under GHS (Globally Harmonised System of Classification and Labelling)
Causes serious eye irritation. Wear eye protection.
IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention. Suspected of damaging the unborn child. IF exposed or concerned: get medical advice/attention.

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