

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

Systhane[®]

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.

WATER SOLUBLE PACKAGING – KEEP DRY

PRIMARY PACK CONTAINS 10 x 60 g MEASURE PACKS WHICH IT IS ILLEGAL TO SELL SEPARATELY

Pack Sizes: 600g

FIRST AID

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

SAFETY DIRECTIONS

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

**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

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



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Visit us at Corteva.com.au

DIRECTIONS FOR USE**TREE AND VINE CROPS**

RATE			CRITICAL COMMENTS
CROPS	DISEASE	RATE per 100 L	
In the following table, all rates are given for dilute spraying. For CONCENTRATE SPRAYING, refer to the APPLICATION section			For all uses in this table: Apply by dilute or concentration spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods
Apples Pears	Black spot (scab) Protective treatment	Dilute spraying: 12 g	
	Black spot (scab) Curative treatment		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 Systhane® for black spot (scab) control is subject to a CropLife Resistance Management Strategy. 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**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 day's use.

CROP	DISEASE	RATE per 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 12g /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.**

EXPORT OF TREATED PRODUCE:

Systhane® 400 may leave detectable chemical residues in harvested strawberries. Overseas markets may not have appropriate residue tolerances in place or may have established residue tolerances that are lower than Australian maximum residue limit. If you are using this product on strawberries destined for export, please contact Corteva Agriscience for up to date information.

GENERAL INSTRUCTIONS

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 Systhane® 400 WP Fungicide has dispersed. If premixing, use at least two (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

Systhane® 400 WP Fungicide may be applied with hand wands or conventional drive pest orchard sprayers.

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 runoff.
- 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 Primary Industries (or equivalent) 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 12g/100 L, then the concentrate rate becomes 3X12, 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. Always 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:

Sythane® 400 WP Fungicide may be mixed with most commonly used insecticides and fungicides. As formulations of other manufacturers' products are beyond the control of Corteva Agriscience, all mixtures should be tested prior to mixing commercial quantities.

FUNGICIDE RESISTANCE WARNING



For fungicide resistance management Sythane® 400 WP Fungicide is Group 3 fungicide. Some naturally occurring individual fungi resistant to Group 3 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 this product or other Group 3 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant individuals is difficult to detect prior to use, Corteva Agriscience Australia Pty Ltd accepts no liability for any losses that may result from the failure of Sythane® 400 to control resistant fungi.

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 dry, cool, well-ventilated area out of direct sunlight.
- DO NOT store near food, feedstuffs, fertilisers or seed.
- DO NOT dispose of any undiluted chemical on-site.

Single-rinse or shake remainder into spray tank/water/dip/drench, etc. Do not dispose of undiluted chemicals on site. 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

SPILL AND LEAK MANAGEMENT

Do not touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains. **Small spills/leaks:** Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills and report them to Corteva Agriscience Emergency Services at 1-800 370 754.

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CUSTOMER SERVICE TOLL FREE

1-800 700 096

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Barcode
for stock
identification

