

STAMINA SYSTEMIC FUNGICIDE
80302/112663



Signal heading	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Product name	Stamina Systemic Fungicide
Active constituent/s	400 g/kg MYCLOBUTANIL
Mode of action	GROUP 3 FUNGICIDE
Statement of claims	Control of Black Spot (Apple Scab and Pear Scab) on Apples and Pears and Powdery Mildew on Apples, Grapes and Strawberries as specified in the Directions for Use
Restricted chemical	N/A
Net contents	Primary pack only: Contains 10 x 60 g (5 x 120 g) measure packs which it is illegal to sell separately. For measure pack only: 60 g (120 g) Not to be sold separately. Before use read all directions on outer pack. Contains water soluble measure pack. Keep dry.
Directions for Use	see attached
Restrains	N/A

"Not to be used..."	NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
Other limitations	N/A
Withholding Period/s	Apples, Pears: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST. Strawberries: NOT REQUIRED WHEN USED AS DIRECTED. Grapes: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
Trade Advice	Growers should note that MRLs or import tolerances do not exist in all markets for fruit treated with Stamina Systemic Fungicide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing grapes for export (either fresh, dried or wine), please check with your exporter or the Australian Wine Research Institute for the latest information on MRLs and import tolerances BEFORE using Stamina Systemic Fungicide.
General instructions	Mixing Add the required amount of product/water soluble sachets directly to the spray tank when about one third full with agitation in motion. Add any other products once STAMINA™ has dispersed. If pre-mixing, use at least two litres of water per 60g of product. Do not mix with water with high free chlorine content, or with borax, as it may affect the solubility of sachets. Application Apply by high volume (dilute) conventional orchard sprayer or by concentrate sprayer. May be applied with hand wands. <i>Dilute spraying</i> – Apples and Pears: 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 may change and the sprayer set up and operation may also need to be changed, as the crop grows. <i>Concentrate spraying</i> – 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 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 2000L/ha 2. Your chosen concentrate spray volume: for example 500L/ha

	3. The concentration factor in this example is 4 x (ie, $2000L \div 500L = 4$) 4. If the dilute label rate is 12 g / 100L then the concentrate rate becomes 4 x 12, that is 48 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. For further information on concentrate spraying, user are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices. Application in vineyards: Stamina Systemic Fungicide may be applied with conventional drive past orchard sprayers. DO NOT apply by aircraft.			
Resistance warning	Fungicide Resistance Warning Stamina™ Systemic Fungicide is a member of the DMI group of fungicides. For fungicide resistance management Stamina™ is a group 3 fungicide. Some naturally occurring individual fungi resistant to Stamina and other 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 Stamina or 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, Agrinova NZ Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi. Fungicide Resistance Management The use of Stamina for certain disease control on apples, pears, grapes and strawberries is subject to a CropLife Australia Fungicide Resistance Management Strategy that can be found at http://www.croplife.org.au.	GROUP	3	FUNGICIDE
Precautions	RE-ENTRY PERIOD DO NOT allow entry into treated area until 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.			
Protections	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 product or used containers.			
Storage & 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 seeds. 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 500mm 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 eyes, nose, 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.
First Aid	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

DIRECTIONS FOR USE:

TREE AND VINE CROPS

RATE In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Application section.			CRITICAL COMMENTS For all uses in this table: Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.
CROP	DISEASE	RATE per 100L	
Apples and Pears	Black spot (scab) protective treatment	Dilute Spraying 12 g	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 protective fungicide. A protectant should always be added to the last Stamina spray. Resistance Management: The use of Stamina for black spot (scab) control is subject to a CropLife Australia Fungicide Resistance Management Strategy. Please refer to General Instructions for details.
	Black Spot (scab) curative treatment		Apply within 5 days after the commencement of an infection period.
Apples	Powdery Mildew		Apply at early pink stage, repeat at intervals of 10 to 14 days until December or as indicated in district spray schedule and depending upon varieties and susceptibility.
Grapevines	Powdery Mildew	Dilute spraying 8 g Concentrate spraying Refer to the Mixing/Application section	Apply when new shoots are 10 to 20 cm long and then at 14 to 21 day intervals. 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. Resistance Management: The use of Stamina for powdery mildew control is subject to a CropLife Australia Fungicide Resistance Management Strategy. Please refer to General Instructions for details.

NON TREE AND VINE CROPS

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 Stamina at 7 to 10 day intervals.
		Where spray volume exceeds 1000 L/ha use 12 g/100 L	Resistance Management: The use of Stamina for powdery mildew control on strawberries is subject to a CropLife Australia Fungicide Resistance Management Strategy. Please refer to General Instructions for details.

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