

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

 **stamina**TM
SYSTEMIC FUNGICIDE

ACTIVE CONSTITUENTS: 400 g/kg MYCLOBUTANIL

GROUP M3 FUNGICIDE

Control of Black Spot (Apple Scab and Pear Scab) on Apples and Pears, Powdery Mildew on Apples, Grapes and Strawberries as specified in the Directions for Use table.

DIRECTIONS FOR USE

CROP	DISEASES	RATE	CRITICAL COMMENTS
Apples and Pears	Black spot (scab) protective treatment	Dilute Spraying: 12 g/100 L water Concentrate spraying: Refer to the Application section	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. 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 an 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.
Grapes	Powdery Mildew	Dilute Spraying: 8 g/100 L water Concentrate spraying: Refer to the 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 on grapevines is subject to a CropLife Australia Fungicide Resistance Management Strategy. Please refer to General Instructions for details.
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. 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.
		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, Pears: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST.

Grapes: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

Strawberries: NOT REQUIRED WHEN USED AS DIRECTED.

EXPORT OF TREATED PRODUCE

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 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 60 g 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. DO NOT apply by aircraft.

Dilute spraying – 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.

Concentrate spraying – Apple 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 2000 L/ha
- 2) Your chosen concentrate spray volume: for example 500 L/ha
- 3) The concentration factor in this example is 4 x (ie, $2000 \text{ L} \div 500 \text{ L} = 4$)
- 4) If the dilute label rate is 12 g/ 100 L then the concentrate rate becomes 4 x 12, that is 48 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.

Fungicide Resistance Warning

GROUP M3 FUNGICIDE

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 and pears, grapevines and strawberries is subject to a CropLife Australia Fungicide Resistance Management Strategy that can be found (below) or (at <http://www.croplife.org.au>).

To prevent or delay the onset of resistance to Stamina and other Group 3 fungicides, the following strategies should be used;

Apples/pears (scab)

DO NOT apply more than four Group 3 sprays alone per season. If more sprays are required, apply a tank mix of a Group 3 with a Group 9 or suitable product from Groups M or M1 to M9, or apply a registered product containing a combination of a Group 3 and a Group 9 fungicide. DO NOT apply more than four sprays per season of Group 9 fungicides (solo products). DO NOT apply more than four sprays per season of products containing a combination of a Group 9 and a Group 3 fungicide and no more than two consecutive applications.

Grapes (powdery mildew)

To prevent or delay the onset of resistance to Stamina and other Group 3 fungicides, DO NOT apply more than two consecutive sprays of a Group 3 fungicide. DO NOT apply more than three Group 3 sprays per season. DO NOT use Stamina or other Group 3 fungicides curatively.

Strawberries (powdery mildew)

To prevent or delay the onset of resistance to Group 3 fungicides, apply a program of protectant fungicides from early crop establishment and maintain a regular spray program throughout the crop growing cycle. If weather conditions favour powdery mildew development, use Stamina or another Group 3 or Group 11 fungicide.

DO NOT apply more than four Group 3 sprays per season. DO NOT apply more than two consecutive sprays of Group 3 fungicides, including from one season to the next.

Compatibility

STAMINA™ may be mixed with most commonly used insecticides and fungicides. As formulations of other manufacturers products are beyond the control of AgriNova NZ Limited, all mixtures should be tested prior to mixing commercial quantities.

PRECAUTION

Re-entry period

DO NOT enter 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.

PROTECTION OF LIVESTOCK

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

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENIRONMENT

DO NOT contaminate streams, rivers or waterways with the product 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 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 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 packaging 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 Australia 13 11 26.

SAFETY DATA SHEET

If additional hazard information is required refer to the Safety Data Sheet. For a copy phone 1800 777 068 or visit our website www.grochem.co.nz

CONDITIONS OF SALE

As no control can be exercised over the manner in which or the conditions under which this product is used, all conditions and warranties expressed or implied, other than those required by statute are excluded. No responsibility will be accepted for any damage or injury whatsoever arising from the storage, handling, application or use of this product.

STAMINA is a Trademark of Agrinova NZ.

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Dial 000
Police or Fire Brigade

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1800 033 111
All Hours - Australia Wide