

## DIRECTIONS FOR USE

## Restraints:

DO NOT apply if it is likely to rain before spray is dry.

DO NOT apply to wet crops.

DO NOT apply SPARC under slow drying conditions as an increase in fruit russet may occur.

In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/Application section.				CRITICAL COMMENTS For all uses in this table: Apply by dilute or concentrate spraying	
CROP	DISEASE		RATE	WHP	equipment.  Apply the same total amount of product to the target crop, whether applying this product by dilute or concentrate spraying methods.
Apples					On apples intended for cold store, do NOT apply later than 42 days from harvest. This does not apply to apples intended for Controlled Atmosphere storage. Do NOT apply during blossoming, in Qld only.
	Black spot/apple scab	All States	18 g/100 L water	21 days (harvest)	Apply at 7 to 10 day intervals over the primary infection period from green tip to petal fall and continue at 10 to 14 day intervals thereafter while conditions permit infection.  The product can also be used as a protectant addition to the DMI (Group C) fungicides.
	Bitter rot ( <i>Glomerella</i> cingulate)				Apply at 14 to 21 day intervals from petal fall to 21 days before harvest, using the shorter interval during periods of high humidity. Applications in the later half of the season will assist in the control of post harvest development of bitter rot. A program of sprays for black spot control in apples will also provide control of bitter rot.
Pears	Black spot/pear scab	Vic only	35 g or 50 g/100 L water	21 days (harvest)	Apply from finger stage every 10 to 14 days while conditions permit infection. Use the higher rate when and where conditions are highly favourable for primary infection.
		NSW, Tas, SA, WA only	75 g/100 L water		
		Qld only	100 g/100 L water		

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

## WITHHOLDING PERIODS:

POME FRUIT: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST.

# **GENERAL INSTRUCTIONS**

### **Fungicide Resistance Warning**

Farmalinx SPARC Fungicide is a member of GROUP M9 FUNGICIDE the multi-site activity group of fungicides.



For fungicide resistance management the product is a Group M9 fungicide. Some naturally occurring individual fungi resistant to Farmalinx SPARC Fungicide and other Group M9 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 Farmalinx SPARC Fungicide or other Group M9 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 Farmalinx SPARC Fungicide to control resistant fungi.

## MIXING

With the agitation system operating, pour the measured volume of Farmalinx SPARC Funcicide slowly into the required volume of water in the spray vat. Mix thoroughly and then add any other compatible spray materials. Sprays containing Farmalinx SPARC Fungicide should be used within 3 hours of preparation and they should be agitated continuously during this period.

### WETTING AGENTS

A wetting agent is not required for Farmalinx SPARC Fungicide, however one may be added if required for other pesticides, provided it is non-ionic.

# APPLICATION

## Dilute Spraving

- . Use a sprayer designed to apply high spray volumes, 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 spray solution to cover the crop to the point of run-off. Avoid excessive run-off.
- The required spray volume to achieve point of run off may be determined by applying different test volumes, using different settings on the sprayer, or from industry quidelines or other 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 to achieve point of run off will change and the sprayer set up and operation may also need to be changed, as the crop grows. Concentrate Spraying
- · Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies spray volumes less than those required to reach the point of runoff) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen spray 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

#### EXAMPLE ONLY

- 1. Dilute spray volume as determined above: For example 1500 L/ha
- 2. Your chosen concentrate spray volume: For example 500 L/ha
- 3. The concentration factor in this example is: 3 X (i.e.  $1500 L \div 500 L = 3$ )
- 4. If the dilute label rate is 20 mL/100 L, then the concentrate rate becomes 3 x 20 (that is 60 mL of product per 100 L water for concentrate spraying).
- 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 quidelines, undertake appropriate competency training and follow industry Best Practices.

#### COMPATIBILITY

Farmalinx SPARC Fungicide is compatible with any one of the following: Bogard+ 100 WG. chlorpyrifos WP. . Pirate(methomyl). Systhane+ WP. Topas+ 100 EC. TORQUE®, and wettable sulphur.

Farmalinx SPARC Fungicide should NOT be mixed with more than one other material, other than non-ionic wetting agent.

Farmalinx SPARC Fungicide is incompatible with Agridex+, chlorpyrifos EC, and winter or summer oils. It is also incompatible with alkaline materials such as lime Sulphur and lime. Under certain conditions it is incompatible with spraying oils and some other liquid formulations (see below).

Spraying Oils: Farmalinx SPARC Fungicide should only be applied with Winter or Summer oils at the dormant or bud burst stages. At other times it should not be applied with these materials or before or after oil cover sprays.

Liquid Formulations: Farmalinx SPARC Fungicide should not be applied to pome fruit mixed with liquid formulations liable to cause ring spot.

If climatic conditions at the time of application result in slow drying of the spray deposit, some varieties of fruit may show minor skin russeting.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish, DO NOT contaminate streams, rivers or waterways with the chemical or used container.

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 product contrary to label instructions, or under off-label permits not endorsed by Farmalinx Pty Ltd or under abnormal conditions. Farmalinx Ptv Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

## Store in the closed, original container, in a dry, cool, well-ventilated area out of direct sunlight. Single rinse before disposal, Add rinsings to spray tank. 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 empty packaging below 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 Poisonous if swallowed. Harmful if inhaled, Will damage the eves, Will irritate the skin. Avoid contact with eyes and skin. Do NOT inhale dust. Repeated exposure may cause allergic disorders. When opening the container and preparing spray. wear cotton overalls buttoned to the neck and wrist and a washable hat, elbowlength PVC gloves, and either a half face piece respirator with dust cartridge or canister and goggles or a full face piece respirator with dust cartridge or canister.

### contaminated clothing. Human flaggers must be protected by mechanical means such as enclosed vehicle cabs. FIRST AID

STORAGE AND DISPOSAL

If poisoning occurs contact a doctor or Poisons Information Centre, Phone Australia

When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves. If product on skin, immediately

wash area with soap and water. If product in eyes, wash it out immediately with

water After use and before eating drinking or smoking wash hands arms and face.

thoroughly with soap and water. After each day's use wash gloves, googles and

Additional information is listed in the safety data sheet (SDS). A safety data sheet for Farmalinx SPARC Fungicide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.



**POISON** 

pome fruit as specified in diseases of p USE table. FUNGICIDE control of certain DIRECTIONS FOR I GROUP M9

**ACTIVE CONSTITUENT: 700 g/kg DITHIANON** 

MPORTANT: THIS LEAFLET IS PART OF THE LABEL CONTAINER. READ THOROUGHLY BEFORE OPENING

ATTACHED TO THE OR USING THIS PRODUCT.

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