

POISON

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

**SAPROL FUNGICIDE**

ACTIVE CONSTITUENT: 190 g/L TRIFORINE
 SOLVENTS: 238 g/L DIMETHYL FORMAMIDE
 238 g/L N-METHYL PYRROLIDONE

GROUP C FUNGICIDE

A fungicide for use as a foliar spray and a post harvest dip
 as listed in the DIRECTIONS FOR USE table.

- Control of Brown Rot and Blossom Blight in stone fruit, Black Spot and Powdery Mildew in pears and a range of diseases in ornamentals
- Systemic activity - absorbed into the fruit and blossoms
- Ideal for use as a foliar spray and a post harvest dip
- Safe for use on a variety of horticultural crops
- Activity against a wide range of diseases

DIRECTIONS FOR USE

Restraints: DO NOT use a wetting agent as this may cause excessive run-off.

NOTE: Triforine is a Group C fungicide. To prevent/delay the onset of resistance to DMI fungicides, use no more than four DMI sprays alone per season.

TREE AND VINE CROPS (Pre-harvest)				
RATE				CRITICAL COMMENTS
In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Application section				For all uses in this Tree and Vine Crop 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.
CROP	DISEASE	STATE	RATE	CRITICAL COMMENTS
Apples (Do NOT apply to Golden Delicious or Cox's Orange Pippin)	Powdery mildew (<i>Podosphaera leucotricha</i>)	All States	120mL/100L	Apply in a control program at 10-14 day intervals.
	Black spot (scab) (<i>Venturia</i> spp.)	QLD, NSW, ACT, VIC, TAS, SA, WA only		Apply as an eradicant within 72 hours of start of infection period or in conjunction with Spore Warning Services. If conditions favour black spot the protective cover schedule eg. mancozeb, should be renewed after 5-7 days.
Peaches, nectarines, apricots, plums, prunes				Do NOT use on canning peach varieties intended for the fresh fruit market within one week of harvest.
	Blossom blight (<i>Monilinia</i> spp.)	QLD, NSW, ACT, VIC, TAS, SA and WA only	100mL/100L	Apply at early blossom, early petal and shuck fall.
	Brown rot (<i>Monilinia</i> spp.)		NSW, ACT, VIC, TAS, SA, WA only	75mL/100L
QLD only			100 mL/100 L	Apply 2 sprays 3 to 4 weeks and 1 to 2 weeks before harvest

TREE AND VINE CROPS (Post-harvest)				
CROP	DISEASE	STATE	RATE	CRITICAL COMMENTS
Cherries	Brown rot (<i>Monilinia fructicola</i> , <i>Monilinia laxa</i>)	SA, WA only	75mL/100L	Dip with the recommended rate for 30 seconds to ensure thorough wetting as soon as practical after harvest. Top up dip with the recommended rate of SAPROL. Renew the dip after 48 hours.
Peaches, nectarines, apricots, plums, prunes		NSW, ACT, VIC, TAS, SA, WA only	75mL/100L	
		QLD only	100mL/100L	

NON-TREE AND VINE CROPS				
CROP	DISEASE	STATE	RATE	CRITICAL COMMENTS
Chrysanthemums (Do NOT apply to Shoesmith types or Cultivar Rivalry)	White rust (<i>Puccinia horiana</i>)			Do NOT spray when plants are in bloom. Apply spray thoroughly until run-off occurs. Contact the Department of Agriculture for information on control programs and resistant/susceptible cultivars.
		NSW, ACT, WA only	100mL/100L	Apply as part of a 7 day interval control program in combination with, and alternating with, sprays of other protective fungicides.
		VIC, TAS only	100mL/100L	During stages of vegetative growth, apply as part of a control program in combination with, and alternating with, sprays of other protective fungicides. Apply sprays at 7 day intervals.
			150mL/100L	When disease occurs in the crop, apply over the last 4 weeks of flower initiation as an alternative spray with bitertanol. Apply at 7 day intervals.
Roses	Black spot (<i>Diplocarpon rosae</i>), Powdery mildew (<i>Sphaerotheca pannosa</i>), Rust (<i>Phragmidium mucronatum</i>)	NSW, ACT, VIC, TAS, SA, WA only	130mL/100L	Apply at intervals of 7-10 days while conditions favour diseases.

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

WITHHOLDING PERIODS: APPLES: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION

GENERAL INSTRUCTIONS

GROUP C FUNGICIDE

FUNGICIDE RESISTANCE WARNING

SAPROL is a member of the DMI group of fungicides. For fungicide resistance management the product is a Group C fungicide. Some naturally occurring individual fungi resistant to the product and the other Group C 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 C 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, Summit Agro Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

MIXING

It is essential that SAPROL Fungicide be added slowly in a fine stream over a period of 1-2 minutes to required amount of water in a high turbulence area of the spray or dip vat, with the agitator system running to full capacity. If turbulent agitation cannot be achieved in the vat, SAPROL should be added slowly to the water stream emitted from the vat filling hose with the spray or dip vat agitator system running to full capacity.

Thoroughly mix before adding any other materials. Keep the agitator system running continuously and use within 3 hours.

If SAPROL is to be sprayed on consecutive days with the same equipment, the spray vat should be thoroughly rinsed at the end of the day.

APPLICATION

TREE AND VINE CROPS – Pre-harvest

Dilute spraying

- 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 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 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. 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

Dilute spray volume as determined above: For example 1500 L/ha

Your chosen concentrate spray volume: For example 500 L/ha

The concentration factor in this example is: 3 X (i.e. 1500 L ÷ 500 L = 3)

If the dilute label rate is 120 mL/100 L, then the concentrate rate becomes 3 x 120, that is 360 mL/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.

For concentrate application, use a spray volume of at least 200 litres per hectare.

ROSES AND CHRYSANTHEMUMS

Apply as a dilute spray only. Use sufficient water to thoroughly wet all aerial surfaces of the plant.

COMPATIBILITY

After SAPROL has been thoroughly mixed, the following products may be added to the spray or dip vat:

Gusathion, Torque, propargite 300, Calibre 100EC, chlorpyrifos, methomyl, mancozeb and parathion. A mixture of SAPROL Fungicide with more than one of these products, or any other products, is not recommended, as damage may result, and such use would therefore be at the user's own risk.

CAUTION

High volume application under slow drying conditions has resulted in ringburn of some apple varieties.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate streams, rivers or waterways with the product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated. Do NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

DIP DISPOSAL

Unused or spent dip should be disposed of carefully to avoid contamination of streams, rivers or waterways. Dispose of dip by contacting an approved waste disposal facility for removal, or by chemical pre-treatment and biodegradation, prior to disposal in a suitable disposal pit. Add at least 10kg of hydrated lime for every 1000L of dipping solution. Allow sufficient time to allow the reaction to proceed before pumping out the dip.

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Do NOT inhale spray mist. When preparing and using the spray, wear elbow length butyl rubber gloves and face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

For further information refer to Material Safety Data Sheet (MSDS) which is available from the supplier- or by visiting:-

www.summit-agro.com.au

NOTICE TO BUYER

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.