



Company Name: CHEMINOVA AUSTRALIA PTY LIMITED
Product Name: TIZCA FUNGICIDE
APVMA Approval No: 80568/101126

Label Name:	TIZCA FUNGICIDE
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENTS: 500 g/L FLUAZINAM
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Mode of Action:	<table border="1"><tr><td>GROUP</td><td>29</td><td>FUNGICIDE</td></tr></table>	GROUP	29	FUNGICIDE
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Statement of Claims:	For the control of club root of broccoli, brussels sprouts, cabbage, cauliflower and kohlrabi: the pre-bud burst suppression of phomopsis cane and leaf blight in grape vines and the control of white root rot in apples.
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Net Contents:	1-1000 L
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Restrains:	
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Directions for Use:	This section contains file attachment. File Name: Tizca Fungicide - DFU only 0516.pdf File Size: 296076 bytes
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Other Limitations:	
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Withholding Periods:	WITHHOLDING PERIODS HARVEST: NOT REQUIRED WHEN USED AS DIRECTED. GRAZING: TREATED CROPS ARE NOT TO BE GRAZED OR FED TO ANIMALS. DO NOT GRAZE VINEYARDS AFTER APPLICATION.
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Trade Advice:	
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General Instructions:	<p>MIXING Add the required amount of product to the partly-filled spray tank with the agitator in operation. Fill the tank with water, and continue agitation during spraying and after a stoppage.</p> <p>COMPATIBILITY TIZCA is compatible with difenoconazole, procymidone and mancozeb, as well as a wide range of agricultural chemicals. A jar test with local water should be conducted before using any new tank mixtures with TIZCA. For further information on compatibility please contact your local reseller or Cheminova representative.</p> <p>APPLICATION Dilute spraying (limited to Grapevines only): 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 Direction for Use table. 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.</p>
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Resistance Warning:	<p>FUNGICIDE RESISTANCE WARNING For fungicide resistance management the product is a Group 29 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 29 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 29 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, Cheminova Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.</p>
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Precautions:	<p>RE-ENTRY PERIODS Brassicas: DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear impervious footwear and if handling the treated crop wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow length PVC gloves. Clothing must be laundered after each day's use.</p> <p>Grapevines: Persons re-entering treated vines for up to 32 days following application and who will be handling treated vines must wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow length PVC gloves. Clothing must be laundered after each day's use.</p> <p>Apples: DO NOT allow entry into treated areas until the solution has dried on the soil surface. If prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), chemical resistant gloves and impervious boots. Clothing must be laundered after each day's use.</p>
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Protections:	<p>PROTECTION OF LIVESTOCK DO NOT graze or feed treated crops to animals. DO NOT graze vineyards after application.</p>
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PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS
DO NOT apply under weather conditions, or from spraying equipment that may cause drift onto nearby plants/crops, cropping lands or pastures.

Storage and Disposal:

STORAGE AND DISPOSAL

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

Leaflet

The method of disposal of the container depends on the container type. Read the 'Storage and Disposal' instructions on the label that is attached to the container.

Non refillable containers (not eligible for drumMUSTER)

Triple-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 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.

Non refillable containers (eligible for drumMUSTER)

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

Refillable containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

SAFETY DIRECTIONS

Harmful if swallowed. Poisonous if inhaled. Will irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. DO NOT inhale vapour. When opening the container and preparing product for use, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, goggles and a disposable fume mask. When using the prepared product, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves. 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, goggles and contaminated clothing.

First Aid Instructions:

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Warnings:

DIRECTIONS FOR USE

CROP	DISEASE	STATES	RATE	CRITICAL COMMENTS		
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kohlrabi	Club root (<i>Plasmodiophora brassicae</i>)	All states	Seedling drench 25- 50 mL per 1000 plants	Use the high rate in fields where severe club root has occurred previously. According to the dilution table shown below, apply the required amount of the diluted mixture immediately after transplanting around the base of each plant to ensure thorough wetting of the collar region.		
				Rate of TIZCA per 1000 plants	Amount of TIZCA per 100 L of water	Volume of mixture to apply per 1000 plants
				25 mL 25 mL 50 mL 50 mL	25 mL 12.5 mL 50 mL 25 mL	100 L 200 L 100 L 200 L
			OR Pre transplant soil incorporated band 3 L/ha	This method of application is most suitable for use in soils with low infiltration rates. Apply in a minimum band width of 23 cm along the planting row and incorporate to a soil depth of 15-20 cm with a precision incorporator in the same operation. Apply in a water volume of at least 500 L/ha. Disease control depends on protection of the taproot from infection. Note: This product may delay the start of harvest by up to 8 days and shorten the harvest period, without adverse effects on final yield.		
Grapevines	Phomopsis cane and leaf blight (<i>Phomopsis viticola</i>)		Dilute application 100 mL/100 L	Apply one application at 1 to 4 weeks prior to budburst after pruning to dormant spurs and/or canes. Mixing with 2% summer or winter oil may assist in coverage and penetration of the spray onto diseased wood. Adjust spray application equipment to thoroughly wet all one year old wood on the vines after pruning. Apply by dilute application spray equipment that only directs spray solution to the dormant canes and spurs on the cordons. Use of a fixed wand or short boom with single or multiple nozzles directing a narrow band of spray solution onto dormant buds, spurs and canes along the cordon wire(s) is recommended. When using orchard sprayers, ensure that only nozzles directing spray solution onto the dormant canes and spurs along the cordon wire(s) are operational. Follow the pre-budburst application of TIZCA with post-budburst applications (where required) of other products (e.g. dithianon or mancozeb) registered for the control of phomopsis in grapevines. Application of these products must be in accordance with the directions stated on the registered label of the product used		
Apples	White root rot (<i>Roselinia necatrix</i>)	Qld, NSW, Tas, WA only	50 mL/100 L	Pre-planting: Prepare planting holes with a 30 cm diameter to a depth of about 1 m. Remove all larger roots from the excavated soil. Apply 30 L of a prepared suspension of TIZCA and water per tree by mixing with the planting hole soil in the planting operation. Apply in 3 stages, adding 10 L of the prepared suspension to each third of the excavated soil. Form a barrier of treated soil around each tree to contain the TIZCA suspension and prevent other soil from contaminating the area around the tree.		
				Established trees: During following winter dormant periods each year, retreat with 30 L/tree of TIZCA water suspension by using a soil injector, comprised of a hollow metal rod approximately 2.5 metres in length attached to a pressure pump. Maintain liquid pressure at 10-15 psi during application. Insert the rod into the soil at 8-12 points around the base of the tree to a depth of 1-2 metres, removing the rod each time when the suspension appears on the surface.		

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