Zanoctine®

FUNGICIDE

GROUP M7 FUNGICIDE

Active Constituent: **400g/L GUAZATINE ACETATES**
Poison Schedule: **S6 (POISON)**
APVMA Approval No: **54258**

Eligible containers 5L

For the control of post-harvest diseases of Citrus, Tomatoes and Rockmelons.

Pack Size:
5L (4 x 5L per carton)

Dangerous Goods Class:
6

DIRECTIONS FOR USE (QLD, NSW, VIC, SA, WA and NT only)			
Crop	Disease	Rate	Critical Comments
Citrus	Green Mould *(Penicillium digitatum)* Blue Mould *(Penicillium italicum)* Sour Rot *(Geotrichum candidum)*	1.3L/1000L water	Apply as a bulk dip within 24 hours of harvest. For packing line flood fruit for 30 seconds within 24 hours of harvest. Re-charge dip with solution of 1.3L/1000L water
Tomatoes	Grey Mould *(Botrytis cinerea)* Alternaria Rot *(Alternaria alternata)* Yeasty Rot *(Geotrichum candidum)* Transit Rot *(Rhizopus stolonifer)*	250mL PLUS 16mL nonionic wetting agent/100L water	For Non-recirculating Spray Only: Post-harvest washing in chlorinated water (50ppm) is recommended. Before spraying with Zanoctine the fruit should be cooled to below 35°C and dry. Spray fruit for 30 seconds as soon as possible and no later than 24 hours after harvest. Allow fruit to drain thoroughly and dry before packing. Note: The level of disease control may vary between tomato varieties. Zanoctine is most effective on cv. Floradade and Pirate.
Rockmelons	Fusarium Fruit Rot *(Fusarium spp),* Sour Rot (*Geotrichum candidum),* Alternaria Fruit Rot *(Alternaria spp),* Rhizopus Soft Rot *(Rhizopus stolonifer),* Pink Mould Rot *(Trichothecium roseum)*	130mL PLUS 100mL carbendazim (500g/L) plus 10mL nonionic wetting agent per 100L water	Dip fruit for 45 seconds within 24 hours of harvest
NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL, UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.			

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GENERAL INSTRUCTIONS: Note: As Zanoctine is not registered in all countries overseas, please check with a Colin Campbell (Chemicals) Pty Ltd representative before treating produce destined for export.

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Fungicide Resistance Strategy: For fungicide resistance management Zanoctine Liquid Fungicide is a Group M7 fungicide. Some naturally occuring individual fungi resistant to Zanoctine Liquid Fungicide and other Group M7 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by Zanoctine Liquid Fungicide and other Group M7 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, Colin Campbell (Chemicals) Pty. Ltd. accepts no liability for any losses that may result from the failure of Zanoctine Liquid Fungicide to control resistant fungi.

The use of Zanoctine as a post harvest dip is subject to an AFRAC anti-resistance strategy:
1. Handle fruit carefully to minimise potential infection sites caused by injury.
2. Ensure diseased fruit is promptly removed from the field and packing house and is destroyed.
3. Dip fruit promptly after harvest.
4. Don't store fruit in the packing house – move it through the packing house quickly.
5. Dispose of mouldy fungicide treated fruit at harvest – do not bring it into the packing house.
6. For the last pre-harvest spray, use a fungicide – with a different mode of action to the fungicide planned for use as a post harvest dip.
7. Resistant strains of fungi can develop within the packing house. Where alternatives are available, rotate to use as many different modes of action as possible.
8. Remove mouldy fruit from storage – isolate from other fruit.
9. Do not move fruit between packing houses – especially mouldy fruit.

Mixing:
Add the required amount of product/s to the water in the dip tank, ensuring thorough mixing between addition of each product. Agitate the solution during the dipping process. Important: Dip ingredients MUST NOT be mixed together in concentrated form. Add separately to the full volume of water in the dip tank. To restore the original volume in the dip tank, add the required water and then the appropriate amounts of non-ionic wetting agent and Zanoctine. Dip should be replaced when dirt begins to accumulate. To ensure effective coating of the fruit, the temperature of the fruit and the dip solution must be the same. Preparing Spray (Tomatoes only – non-recirculating spray): Water should be at ambient temperature when applying the spray solution. Apply as a very fine spray using hollow cone nozzles. Apply sufficient spray to wet the entire surface of the fruit without causing significant run-off.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:
Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Do not discharge waste liquid into streams.

STORAGE AND DISPOSAL:
Store in the closed, original container in a dry, cool well-ventilated area away out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. 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 empty 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 products should not be burnt.

SAFETY DIRECTIONS:
Product is harmful if swallowed or poisonous if inahled. Will damage eyes. Avoid contact with eyes. When opening the container and preparing the spray or dip, wear face shield or goggles. If product in eyes, wash it out

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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 face shield or goggles.

FIRST AID:
If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 11 26. 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 the Material Safety Data Sheet (MSDS 76).

CONDITIONS OF SALE
Agricultural, horticultural and pastoral preparations in their application involve varying factors such as differing conditions, soil, climate and methods of application over which the vendor does not have control, Whilst Colin Campbell (Chemicals) Pty. Ltd believes that all goods sold by it are true to label and are effective and safe for purpose indicated the company and the seller hereby expressly negate and exclude any express or implied condition, statement or warranty, statutory or otherwise, as to quality or fitness of any goods sold for any purpose or purposes whatsoever except such warranties and conditions, if any, as are implied by the Trade Practices Act 1974 (Commonwealth). The company and the seller accept no responsibility for any loss, harm or damage whatsoever suffered from the use of such goods for any purpose or purposes irrespective of whether or not the buyer was acting in reliance upon the advice recommendation or representation of the seller or any representative agent of employee of the company as to such use except in respect of breaches of conditions and warranties, if any, implied by the Trade practices Act and in respect of such breaches the liability of the company and the seller shall be limited to the replacement of the goods or the supply of equivalent goods, or the payment of the cost of replacing the goods.

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