

CAUTION

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

ImazaCure® 500EC Fungicide

ACTIVE CONSTITUENT: 500 g/L IMAZALIL
SOLVENTS: 187 g/L LIQUID HYDROCARBONS
100 g/L N-METHYL-2-PYRROLIDONE
50 g/L N-(N-OCTYL)-2-PYRROLIDONE

GROUP	3	FUNGICIDE
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For the control of certain post-harvest diseases of Citrus, Apples, Pears, Rockmelons and storage diseases of Potato tubers as per the Directions for Use.

Content: 1 Litre

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DIRECTIONS FOR USE

CROP	DISEASE	RATE	CRITICAL COMMENTS
Citrus	Post-harvest storage decays: Blue mould (<i>Penicillium italicum</i>) Green mould (<i>Penicillium digitatum</i>)	In water: 100mL/100L of water provides a concentration of 500 ppm In Citrus wax: 1000-1600mL/200L of wax provides a concentration of 2500-4000 ppm	Apply to citrus fruit preferably within 24 hours of harvest. Use a bulk dip, flood or spray before waxing. Apply in wax without further dilution using conventional waxing equipment. Sporulation control can be obtained at the rate of 1600mL/200L of wax (4000 ppm). No top up for wax.
Apples and Pears	Post-harvest storage decay: Blue mould (<i>Penicillium expansum</i>)	In water: 100mL/100L of water provides a concentration of 500 ppm	Apply to fruit preferably within 24 hours of harvest. Use as a bulk dip, flood or drench for a maximum of 30 seconds. After treatment, allow fruit to dry before storage. Due to the diversity of fruit varieties and packing shed procedures, if conditions exist (eg. Low temperature, high humidity, low breeze, etc), then systems to help speed up the drying process are highly recommended. Experience has shown that certain fruit varieties, eg Beurre Bosc and Lemon Bergamot pears, treated under these stated conditions should receive assisted drying. After treatment, fruit should not be allowed to remain wet for extended periods of time. Wet fruit should not be placed into the storage room for immediate cooling. If the fruit can be artificially dried in the storage room, this should be done prior to cooling.
Rockmelons	Post-harvest decays: <i>Penicillium</i> spp. <i>Alternaria</i> spp. <i>Fusarium</i> spp.	In water: 100mL/100L of water provides a concentration of 500 ppm	Apply dilution to rockmelons preferably within 24 hours of harvest. Use as dip, flood to spray for a maximum of 1 minute heated to 55°C.
Potato tubers	Storage diseases: Silver scurf (<i>Helminthosporium solani</i>) Gangrene (<i>Phoma exigua</i>) Dry rot (<i>Fusarium</i> spp.)	30mL to a maximum of 2L water	Apply the solution as a mist at the rate of a maximum of 2L/tonne over the potatoes on the conveyor line prior to storage. ImazaCure® 500 EC will give good control of <i>Fusarium semitectum</i> and significant reduction of dry rot caused by <i>Fusarium trichotecoides</i> . For good control of <i>Fusarium solani</i> , a tank mix with thiabendazole (TBZ) is advised.

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

WITHHOLDING PERIOD:

NOT REQUIRED WHEN USED FOR DOMESTIC CONSUMPTION.

DO NOT USE ON ROCKMELONS INTENDED FOR EXPORT (EXCEPT NEW ZEALAND).

GENERAL INSTRUCTIONS**MIXING IN WATER**

Make a premix of at least 5 times more water than ImazaCure® 500 EC and stir thoroughly. Fill up to the volume with water and agitate. The emulsion will remain stable if agitated every 4 hours.

MIXING IN WAX

Make a premix of at least 5 times more wax than ImazaCure® 500 EC and stir thoroughly. Add the premix to the wax and stir thoroughly until possible creaming has disappeared. Constant agitation in the wax is advisable during application.

RECHARGING DIP SOLUTION

To maintain the required volume of dip solution in the tank, add the required volume of water or wax and product and mix thoroughly. The dip solution should be replaced when sediment accumulates.

At indicated rate used as above ImazaCure® 500 EC has curative (up to max. 24 hours) and preventative action. At the higher use rate, ImazaCure® 500 EC has antispore properties.

CAUTION

For produce intended for export, growers should note that suitable MRLs or import tolerances may not be established in all export markets. Before using this product destined for export, please check with a Nufarm Australia Limited representative for the latest information on MRLs and import tolerances.

RE-HANDLING

DO NOT re-handle treated fruit until the product has been allowed to dry, unless wearing chemical resistant gloves.

For disease control, it is not necessary to apply consecutive applications of ImazaCure® 500 EC to citrus fruit using both methods described above. One application in water or wax at the label rate is sufficient.

FUNGICIDE RESISTANCE WARNING

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ImazaCure® 500 EC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management, ImazaCure 500 EC is a Group 3 fungicide. Some naturally occurring individual fungi resistant to ImazaCure 500 EC and other Group 3 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 ImazaCure 500 EC and 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, Nufarm Australia Limited. accepts no liability for any losses that may result from the failure of ImazaCure 500 EC to control fungi.

To avoid build up of resistant strains, label recommendations should be followed and a strict sanitation of programme should be carried out throughout the season.

The use of ImazaCure® 500 EC 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. DO NOT store fruit in the packing house – move it through the packing house quickly.
5. Dispose of mouldy fungicide-treated 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.
10. *Penicillium digitatum* in Australia may have reduced sensitivity to imazalil and possible cross-resistance to benzimidazole, for which GuazaCure Liquid Fungicide (guazatine) is a viable and effective alternative.
11. DO NOT dispose of unused dip solutions as a spray to crops or orchards.
12. DO NOT dispose of unused dip solutions within or near the crop or orchard area.

COMPATIBILITY

ImazaCure® 500 EC is compatible with various DPA formulations, thiabendazole (TBZ), most fungicides including Iprodione and water-based citrus waxes. Because of the diversity of field conditions and the formulations of other manufacturer's product being beyond the control of Nufarm Australia Limited, all mixtures should be tested prior to mixing commercial quantities.

PROTECTION OF LIVESTOCK

DO NOT feed treated produce or by-products to food producing animals, including poultry.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to dip/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

Dispose of spent dip in an authorised dip disposal facility.

SAFETY DIRECTIONS

Harmful if swallowed. Will damage eyes and skin, Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. When opening the container and using the product, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length butyl rubber gloves and face shield. If clothing becomes contaminated with product, remove clothing immediately. 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, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed DO NOT induce vomiting. Give a glass of water. If in eyes wash out immediately with water

ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

May cause respiratory irritation. May damage fertility or the unborn child. May be fatal if swallowed and enters airways. Use personal protective equipment as required. Wear eye and face protection. Do not eat, drink or smoke when using this product. IF SWALLOWED: Rinse

mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained from your supplier or from the Nufarm website – nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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