



WARNING

KEEP OUT OF REACH OF CHILDREN

RANMAN[®] 400SC

Fungicide

For the control of late blight in potatoes and downy mildew in onions

Active ingredient

Contains 400 g/L CYAZOFAMID in the form of a suspension concentrate

GROUP	21	FUNGICIDE
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Net contents: 500 mL, 1 L, 5 L

Bar code to be inserted



PLEASE READ THE LABEL COMPLETELY BEFORE USE

Any person purchasing, handling or disposing of this product must be suitably qualified.



WARNING

Very toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

PREVENTION

Do not apply directly into or onto water.
Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

RESPONSE

Collect spillage.

STORAGE

Store in the closed, original container in a cool, well-ventilated area. Do NOT store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers.

DISPOSAL

Dispose of contents/container in accordance with local regulations.
Container disposal: Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery® (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.
Product disposal: Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

FIRST AID

If swallowed, do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water.

SHELF LIFE

When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this. Application and storage should be as described in the Management of Agrichemicals NZS8409.

SAFETY DATA SHEET

If additional hazard or safety information is required, refer to the Safety Data Sheet. For a copy visit our website at www.upl-ltd.com/nz.

EXCLUSION OF LIABILITY – PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, UPL New Zealand Limited as distributor, nor any other distributor have any liability or responsibility

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whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

Registered to:
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See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996. Approval Code HSR101018.
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Batch number:	
Date of Manufacture:	

In a transport emergency dial 111, Police or Fire Brigade.
For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622)

UN 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYAZOFAMID)
MARINE POLLUTANT
PACKING GROUP III, HAZCHEM 2X



GENERAL INFORMATION

RANMAN 400SC is a fungicide with excellent activity against fungi from the class of oomycetes, especially against *Phytophthora infestans* of potatoes and downy mildew of onions. It works as a protectant and needs to be applied before the disease infection occurs.

RESISTANCE MANAGEMENT

RANMAN 400SC must be applied according to the label directions.

Some naturally occurring individual fungi resistant to the product and other similar fungicides (Group 21 Fungicide) 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, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, ISK NZ or the distributor accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

DIRECTIONS FOR USE

CROP	DISEASE	RATE	COMMENTS
Potatoes	Late blight (<i>Phytophthora infestans</i>)	200 mL/ha	<p>Apply as a protective spray. Do NOT wait for disease to appear.</p> <p>When conditions favour disease development, apply consecutive sprays of RANMAN 400SC at a minimum of 7 to 10 day intervals. Use the shorter interval when infection pressure is severe.</p> <p>The total number of RANMAN 400SC applications per treated crop must not exceed 6.</p> <p>When applying RANMAN 400SC consecutively, apply a maximum of 3 consecutive sprays, and then switch to a fungicide of another chemical group.</p> <p>Ensure thorough coverage of plants.</p>
Onions	Downy mildew (<i>Peronospora destructor</i>)	200 mL/ha + adjuvant	<p>Apply as a protective, preventative spray, prior to the appearance of disease when conditions for disease infection are conducive. When conditions favour disease development, apply consecutive sprays of RANMAN 400SC at a minimum of 7 to 10 day intervals.</p> <p>The total number of RANMAN 400SC applications per treated crop must not exceed 6.</p> <p>When applying RANMAN 400SC consecutively, apply a maximum of 3 consecutive sprays, and then switch to a fungicide of another chemical group.</p> <p>Ensure thorough coverage of plants.</p> <p>Add ACTIWETT® or BOND® XTRA when applying in high water volumes.</p> <p>Add DU-WETT® when applying in low water volumes.</p>

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

It is an offence to use this product on animals.

MIXING

Invert container and shake well before use.

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. Do NOT leave the spray mix in the sprayer.

COMPATIBILITY

RANMAN 400SC is compatible with most commonly used insecticides and fungicides.

WITHHOLDING PERIODS

Potatoes 7 days

Onions 14 days

Do NOT graze or feed treated crops to animals.

RE-ENTRY PERIOD

Do not allow entry into treated areas until the spray has dried, unless wearing complete long-sleeved cotton overalls and chemical resistant gloves.

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