

DANGER

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



SPEARTEK®

FUNGICIDE

Contains: 250 g/L Metalaxyl in the form of an emulsifiable concentrate

Systemic fungicide to control phytophthora rot in asparagus, late blight in potatoes, late blight and botrytis in outdoor tomatoes and downy mildew in onions and brassica seedbeds

NZ **Trialed
Developed
Manufactured**

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Approved pursuant to the HSNO Act 1996, No: HSR000664. See www.epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P005413. See www.foodsafety.govt.nz for registration conditions.

arxada

	GHS CLASSIFICATION Skin irritation Cat. 2 Eye irritation Cat. 2 Skin sensitisation Cat 1 Reproductive toxicity Cat. 1 Carcinogen Cat 2 Specific target organ toxicity (repeated exposure) Cat. 1 Hazardous to the aquatic environment chronic Cat 3	HAZARD STATEMENT Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction May damage fertility or the unborn child Suspected of causing cancer Causes damage to organs through prolonged or repeated exposure Harmful to aquatic life, with long lasting effects
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FIRST AID: IF EXPOSED or CONCERNED: Get medical advice/attention.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

PERSONAL PROTECTION: Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke while using this product. Contaminated work clothing should not be allowed out of the workplace. Wash all exposed external body areas thoroughly after handling.

STORAGE: Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL: Avoid contamination of any water supply with product or empty container. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.

SPILLAGE: Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

SAFETY DATA SHEET: Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or www.arxada.co.nz

QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying, or otherwise handling SPEARTEK must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

PLEASE READ ENTIRE LABEL BEFORE MIXING OR APPLYING. SHAKE WELL BEFORE USE.

DIRECTIONS FOR USE

It is an offence to use this product on animals

CROP	DISEASE	RATE	DIRECTIONS
Asparagus	Phytophthora rot	4.0 to 5.0 litres/ha	Apply to bare soil (cleared of weeds and rubbish) in early spring 3 - 4 weeks before spear emergence. Use the high rate if the disease was evident during the previous season. About 10mm of rain or irrigation is required to move the fungicide into the soil.
Brassica seedbeds	Downy mildew	6.5 ml SPEARTEK plus 17 g mancozeb (75%ai)/100 m2 of seedbed. Use adequate water to obtain complete coverage.	Make a maximum of three applications commencing as soon as most seedlings have emerged and repeat every ten days until transplanting. IMPORTANT: NO MORE THAN 3 APPLICATIONS OF SPEARTEK (OR ANY OTHER PHENYLAMIDE CONTAINING FUNGICIDE) SHOULD BE APPLIED TO A CROP. SPEARTEK ALSO MUST BE USED IN COMBINATION WITH MANCOZEB.
Onions	Downy mildew	640 ml SPEARTEK plus either 1.7 kg mancozeb (75%ai) or 1.7 litres Barrachlor® (72% chlorothalonil)/ha in 500 to 700 litres of water/ha.	Make a maximum of three applications at 10 day intervals during the period of active growth when conditions of high humidity favour the disease. IMPORTANT: NO MORE THAN 3 APPLICATIONS OF SPEARTEK (OR ANY OTHER PHENYLAMIDE CONTAINING FUNGICIDE) SHOULD BE APPLIED TO A CROP. SPEARTEK SHOULD NOT BE USED ON ONION CROPS WHICH FOLLOW AN ONION CROP THAT HAS BEEN GROWN IN THE SAME FIELD IN THAT SEASON. SPEARTEK ALSO MUST BE USED IN COMBINATION WITH EITHER MANCOZEB OR CHLOROTHALONIL.
Potatoes	Late blight	800 ml SPEARTEK plus either 2.1 kg mancozeb (75%ai) or 1.1 litres Barrachlor® (72% chlorothalonil)/ha in 500 to 750 litres of water/ha.	Apply when the crop has fully emerged but before any sign of disease and repeat at 10 to 14 day intervals. Use the closer interval when conditions favour the disease, especially during favourable growth conditions in the period prior to flowering. Apply when foliage is dry and no rain is expected for at least two hours. Do not apply following the completion of flowering as translocation is considerably reduced as haulms dry off. IMPORTANT: NO MORE THAN 3 APPLICATIONS OF SPEARTEK (OR ANY OTHER PHENYLAMIDE CONTAINING FUNGICIDE) SHOULD BE APPLIED TO A CROP. SPEARTEK SHOULD NOT BE USED ON POTATO CROPS WHICH FOLLOW A POTATO CROP THAT HAS BEEN GROWN IN THE SAME FIELD IN THAT SEASON. SPEARTEK ALSO MUST BE USED IN COMBINATION WITH EITHER MANCOZEB OR CHLOROTHALONIL.
Outdoor Tomatoes	Late blight	800 ml SPEARTEK plus either 2.1 kg mancozeb (75%ai) or 2.1 litres Barrachlor® (72% chlorothalonil)/ha in 500 to 750 litres of water/ha.	Make a maximum of three applications commencing before disease appears and repeat at 10 to 14 day intervals. Use the closer interval when conditions favour disease. Apply when foliage is dry and no rain is expected for at least two hours. For Botrytis control during high risk periods (eg flowering) use a specific Botrytis fungicide such as Pinnacle® (50% fluzinam).
	Late blight and Botrytis	800 ml SPEARTEK plus 2.1 litres Barrachlor® (72% chlorothalonil)/ha in 500 to 750 litres of water/ha.	IMPORTANT: NO MORE THAN 3 APPLICATIONS OF SPEARTEK (OR ANY OTHER PHENYLAMIDE CONTAINING FUNGICIDE) SHOULD BE APPLIED TO A CROP. SPEARTEK SHOULD NOT BE USED ON TOMATO CROPS WHICH FOLLOW A TOMATO CROP THAT HAS BEEN GROWN IN THE SAME FIELD IN THAT SEASON. SPEARTEK ALSO MUST BE USED IN COMBINATION WITH EITHER MANCOZEB OR CHLOROTHALONIL.

COMPATIBILITY: SPEARTEK is compatible with herbicides commonly used in asparagus and with fungicides and insecticides commonly used in potatoes, tomatoes and onions.

MIXING: When tank mixing with other products, first add wettable powders, water dispersible granules and flowables into a partly filled tank and agitate thoroughly. Then add the SPEARTEK with the rest of the water while agitating. Continue agitation while filling, spraying and during any stoppages.

SURFACTANT: The addition of a suitable surfactant at label rates is recommended with all foliar applications of SPEARTEK.

APPLICATION: Use conventional aerial or ground spraying equipment to apply sufficient water to obtain complete coverage. For onions and potatoes this is expected to be between 300 and 750 litres/ha depending on crop stage.

RESISTANCE MANAGEMENT **GROUP 4 FUNGICIDE**

SPEARTEK contains a fungicide from the phenylamide activity group with a RNA polymerase target site mode of action. Naturally occurring strains of disease causing fungi resistant to this and other group 4 fungicides may exist or develop. These resistant strains may dominate when SPEARTEK or other related fungicides are used excessively. To minimise the risk of resistance use strictly in accordance with label instructions. SPEARTEK must always be used in combination with a protectant fungicide such as mancozeb or chlorothalonil for disease control in onions, potatoes and tomatoes. Apply no more than three applications of SPEARTEK in any single season.

See www.resistance.nzpps.org for further information about resistance management strategies that may exist for any disease causing organisms listed on this label.

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.

WITHHOLDING PERIOD: Asparagus - 7 days; onions, potatoes, outdoor tomatoes - 14 days.

NOTICE TO BUYER: The manufacturer and vendors of SPEARTEK warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

REGISTERED TO: Arxada NZ Limited, Hudson Road, New Plymouth, NZ.
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SPEARTEK 220705V3