

DANGER

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

PRO **TEK**

FUNGICIDE

Contains: 500 g/litre Carbendazim in the form of a suspension concentrate

**A broad spectrum systemic fungicide active for
controlling a range of diseases of grass seed and
selected fruit, vegetable and cereal crops**

NET CONTENTS: 1 L, 5 L, 10 L, 20 L, 200 L, 1000 L

Registered to Arxada NZ Limited

Approved pursuant to the HSNO Act 1996, No: HSR000464. See epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P004876. See foodsafety.govt.nz for registration conditions.

arxada

	GHS CLASSIFICATION Skin sensitisation Cat. 1, Mutagen Cat. 1 Reproductive toxicity Cat. 1 Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment acute & chronic Category 1,	HAZARD STATEMENT May cause an allergic skin reaction. May cause genetic defects May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure Hazardous to soil organisms Very toxic to aquatic life, with long lasting effects.
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FIRST AID: IF exposed or concerned: Call the NATIONAL POISONS CENTRE (0800 POISON) /doctor/physician/first aider. For advice contact the National Poisons Centre 0800 POISON (0800 764 766).

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

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 Protek 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 OR STIR WELL BEFORE USE.

DIRECTIONS FOR USE:

It is an offence to use this product on animals.

CROP	DISEASE	RATES	CRITICAL COMMENTS
APPLES	Blackspot	25 ml/100 litres water	Apply in combination with a non-benzimidazole fungicide. Confine use to the period from second cover to pre-harvest when infection pressure is high.
BEANS	Botrytis, Sclerotinia	2 litres in 700-1000 litres water/ha	Apply during the early season period immediately after emergence. For sclerotinia, apply a maximum of 2 applications/crop. For botrytis, make 1 application only and use in a programme with alternative botryticides of different chemical groups.
BARLEY	Scald	300-500 ml in 200 litres water/ha	For combined eyespot and scald control use as for eyespot above. For scald control apply the high rate at the first sign of disease.
BARLEY/WHEAT	Eyespot	300-500 ml in 200 litres water/ha	To prevent build up of resistant strains of eyespot, DO NOT apply on cereal crops in the same paddock for more than 2 consecutive seasons. Apply 300ml rate at Feekes G.S. 7-8 & 500ml rate at Feekes G.S.5.
CITRUS	Blue mould	50 ml/100 litres water	Dip fruit in mixture for about 30 seconds. Resistance is widespread. Use only in regions where control of blue mould is still effective.
	Melanose, Verrucosis	25 ml/100 litres water	Make one application pre-bloom and another immediately post bloom. If conditions are wet over summer use alternative protective fungicides.
CURCUBITS	Powdery mildew	300-500 ml/1000 litres water/ha	Apply on a regular schedule throughout the season.
GRAPES	Botrytis	50 ml/100 litres water	Resistance management: Use only 1 application per season in a programme with alternative fungicides registered for this use.
KIWIFRUIT	Sclerotinia	50 ml/100 litres water 1 litre/ha	One application during full bloom. DO NOT apply after petal fall.
KUMERA	Scurf	250 ml/50 litres water	Immerse plants for 3 minutes prior to setting out in the field.
LETTUCE	Sclerotinia	2 litres in 600-1000 litres water/ha	Apply soon after transplanting or emergence of direct seeded crops.
MAIZE	Head Smut	100 ml/800 litres water	To treat 45 kg of seed, mix with 100 g Captan (80%) to form a slurry.
ONIONS	Botrytis	500 ml/ha in 400-600 litres water	Apply at 'flag stage' and again 14 - 21 days later. Treat again 30 days before harvest with a further application 10-14 days later if infection persists. Apply no more than 2 applications per season, and use in a programme with alternative botryticides of different chemical groups.
	Smut (seed treatment)	100 ml/400 g of seed	Wet onion seed with methyl cellulose adhesive - 25 g/500 ml water, using 20 ml/3 kg of seed. Add the Protek and shake thoroughly to ensure complete coverage.
RASPBERRIES BRAMBLES	Botrytis, cane spot	50 ml/100 litres water	Apply 10-14 days after early flowering to reduce secondary infection. Under moist, cool or irrigated conditions, and in paddocks with a persistent blind seed problem, a second application may be needed.
RYEGRASS SEED CROPS	Blind seed disease	500 ml in 200 litres water/ha	Apply 10-14 days after early flowering to reduce secondary infection. Under moist, cool or irrigated conditions, and in paddocks with a persistent blind seed problem, a second application may be needed.
STONEFRUIT	Brown rot, Peach scab	25-50 ml/100 litres water	Apply during blossom period only. When disease pressure is severe, use the higher rate.
STRAWBERRIES	Botrytis, leaf spot	500 ml/1000 litres water/ha	Resistance management: Use no more than one application per season, in a programme with alternative fungicides registered for this use.
TOMATOES: Field	Sclerotinia	2 litres in 700-1100 litres water/ha	Begin applications soon after transplanting or seedling emergence.
TOMATOES: Glasshouse	Botrytis fruit rot	50 ml/100 litres water	Begin application when first flowers appear.

REMEMBER: Settling of this product may occur over time. Stir or shake well before use.

MIXING: Pour the correct amount of Protek into the partly filled tank and while agitating add the remainder of the water.

COMPATIBILITY: Protek is compatible with most common pesticides except some highly alkaline materials such as Bordeaux mixtures or lime sulphur.

APPLICATION: As a general rule, use no more than 2 applications per season. In case of Pipfruit, apply only in mix with a non benzimidazole fungicide.

ALTERNATION: To limit resistance buildup, alternate with a non benzimidazole fungicide.

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 PERIODS: Stonefruit - DO NOT use after start of petal fall, Apples - 7 days, Cucurbits - 7 days, Grapes - 7 days, Raspberries, brambles, strawberries - 1 day, Lettuce - 21 days, Beans - 14 days, Field & Glasshouse Tomatoes - 3 days, Wheat & Barley - 60 days, Onions - 14 days, Ryegrass Seed Crop - Allow 14 days between last application and harvest (cutting). Allow 35 days between last application and introduction of stock for grazing.

RESISTANCE MANAGEMENT: **GROUP 1 FUNGICIDE** Protek contains carbendazim, a benzimidazole (MBC) group fungicide. Naturally occurring strains of disease causing fungi resistant to this and other group 1 fungicides are known to exist and more could develop from over use of this and other related group 1 fungicides. To minimise this risk use Protek strictly in accordance with the label instructions and follow any resistance management strategies that may exist for any disease on this label. See www.resistance.nzpps.org

NOTICE TO BUYER: The manufacturer and vendors of Protek 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 Rd, New Plymouth, NZ

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EMERGENCY PHONE: 0800 CHEMCALL 0800 243 622

D.O.M:

BATCH NO:

