DANGER

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Barrachlor 720®

220615

FUNGICIDE

Contains: 720 g/litre chlorothalonil in the form of a suspension concentrate

A broad spectrum fungicide for controlling a range of fungal diseases of fruit, selected vegetables, ornamental crops and turf

NZ Trialled Developed Manufactured

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Approved pursuant to the HSNO Act 1996, No: HSR101015. See www.epa.govt.nz for approval conditions.
Registered pursuant to the ACVM Act 1997, No: P005947. See www.foodsafety.govt.nz for registration conditions.

arxada

GHS CLASSIFICATION	HAZARD STATEMENT
Acute inhalation toxicity Cat. 2, Serious eye damage Cat. 1, Skin sensitisation Cat. 1, Carcinogenicity Cat. 2, Specific target organ toxicity (repeated exposure) Cat. 1, Hazardous to the aquatic environment acute & chronic Cat. 1	Fatal if inhaled. Causes serious eye damage May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure Very toxic to aquatic life, with long lasting effects.

FIRST AID: If exposed or concerned: Call the National Poisons Centre 0800 POISON (0800 764 766). doctor/ physician/first aider.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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 ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Remove / Take off immediately all contaminated clothing
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 Barrachlor 720 must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

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

DIRECTIONS FOR USE
It is an offence to use this product on animals

CROP	DISEASES	RATE	DIRECTIONS FOR USE
ASPARAGUS	Stemphlium leaf spot	2.1 litres/ha 210 ml/100 litres	Commence spraying at first appearance of disease after closing up and repeat at 14 - 21 day intervals to maintain disease until ferns brown off. Use the shorter spray interval when disease pressure is high. Ensure good plant coverage.
BEANS **Butter, Green, Pole**	Rust	1.4 litres/ha 175 - 210 ml/100 litres	Apply at seedling emergence and then at 10 - 21 day intervals.
BEANS **Broad**	Rust	2.1 litres/ha 210 - 245 ml/100 litres	Apply at first appearance of foliar infection and repeat at 10 - 21 day intervals or as needed to maintain disease control.
BLACKCURRANTS	Leaf spot	2.1 litres/ha 210 ml/100 litres	Apply from bud burst onwards at 10 - 14 day intervals.
BERRIES **Boysenberries, Blackberries, Loganberries**	Botrytis*, Dryberry	2.1 litres/ha 210 - 245 ml/100 litres	Apply from bud burst every 14 days, reduce to 7 - 10 day intervals.
CELERY	Septoria leaf spot	2.1 litres/ha 210 - 245 ml/100 litres	Apply as a full season cover spray from immediately post-planting at 7 - 10 day intervals.
CURCUBITS	Downy & powdery mildew	1.4 litres/ha 175 - 210 ml/100 litres	Apply at seedling emergence, then at 10 - 21 day intervals.
LETTUCE	Ringspot	2.1 litres/ha 210 - 245 ml/100 litres	Apply at seedling emergence, continue at 7 - 10 day intervals throughout the growing period.
ORNAMENTALS	Blackspot, Botrytis, downy mildew, flower blight & powdery mildew	175 - 210 ml/100 litres	Apply from the commencement of new growth at 10 - 21 day intervals. Do not spray when flower buds are showing petal colour as bloom damage may occur.
POTATOES	Early & late blight	1.1 litres/ha 140 ml/100 litres	Apply at 7 - 14 day intervals or as needed to maintain disease control.
STONEFRUIT	Leaf curl, blossom blight, rust, brownrot	160 - 210 ml/100 litres	Apply at pre-bud swell. Repeat applications from pink to shuck fall at 7 - 14 day intervals. Apply from pink to shuck fall at 7 - 14 day intervals.
STRAWBERRIES	Alternaria leaf spot, Botrytis*	2.1 litres/ha 210 - 245 ml/100 litres	Apply from bud burst at 14 day intervals. In severe infection pressure reduce to 7 - 10 day intervals.
TOMATOES	Botrytis*, early & late blight	2.1 litres/ha 210 - 245 ml/100 litres	Apply at planting out, then at 10 - 14 day intervals until harvest.
VEGETABLE BRASSICAS	Downy mildew, ring spot	1.4 litres/ha 175 - 210 ml/100 litres	Apply at seedling emergence, continue at 10 - 21 day intervals. Use the high rate for ring spot control.

***Botrytis - NOTE:** Barrachlor 720 applied as a full season spray will prevent Botrytis, however, during high risk periods (ie. wet, humid weather), use a specific Botrytis fungicide.
MIXING: Pour the correct amount of Barrachlor 720 into the partly filled tank and while agitating add the remainder of the water.
REMEMBER: Before each use, shake container vigorously by complete inversion several times.
COMPATIBILITY: Barrachlor 720 is compatible with most commonly used pesticides except some highly alkaline materials such as Bordeaux mixtures or lime sulphur.
Maximum application rates.
The person in charge of the application of this substance and any person applying this substance must ensure the application is carried out in accordance with the following application restrictions:
For wide-dispersive application methods (aerial, boom, airblast spraying): This substance must not be applied at rates exceeding 2.5L product/ha (equivalent to 1.8kg chlorothalonil/ha), must not be applied more than 4 times per year and an interval of at least 7 days between applications must be observed.
For non wide-dispersive application methods: This substance must not be applied at rates exceeding 210mL product/100m2 (equivalent to 151g chlorothalonil/100m2), must not be applied more than 4 times per year and an interval of at least 10 days between applications must be observed.
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: Beans, blackberries, blackcurrants, boysenberries, brassicas, celery, loganberries, outdoor tomatoes, potatoes - 7 days; Curcubits, strawberries - 1 day, Stonefruit - Do not apply after shuck fall; Lettuce - 10 days.
FOR CONTROL OF DISEASES OF TURF AND COTULA

DISEASE	USE RATES ml/100 square metres
Dollar spot	70 -140
Leaf spot / melting out	70 - 140
Brown patch	70 - 140
Red thread	100 - 200
Anthracnose	100 - 200
Fusarium patch	100 - 200

DIRECTIONS: Spray in sufficient water to thoroughly wet the foliage (7.5 - 10 litres/100 square metres). Use the low rate as a preventative and a high rate as a curative. Under conditions of high disease pressure repeat at 10 - 14 day intervals. As the surface of disease turf may be hard to wet especially where thatch is present, the addition of a wetting agent may be necessary to ensure adequate penetration and control of residual infection sources.
MUST NOT BE USED ON AREAS TO BE GRAZED

MANDATORY DIRECTIONS: By law, the following restrictions must be complied with:
As Barrachlor 720 contains minute quantities of HCB, a compound that can be taken up by grazing stock to give unacceptable residues in meat and milk, the following restrictions on the use of the product must be observed:
• DO NOT graze treated crops;
• DO NOT feed any part of a treated crop to stock.
These two restrictions do not apply if either of the following is first undertaken:
• CULTIVATE treated areas thoroughly (i.e. do not use direct drilling or other minimum tillage techniques) before sowing pasture or any animal feed crop, or
• SOIL TESTING in compliance with the 'Guideline for Management of Sheep Grazing in Vineyards or Orchards Contaminated with Hexachlorobenzene' of the vineyard/orchard area indicates HCB residues are less than 0.001mg/kg in the soil.

RESISTANCE STATEMENT: GROUP M5 FUNGICIDE Barrachlor 720 contains a fungicide from the chloronitrile group with the multi-site contact of mode of action. Despite having a low risk, naturally occurring strains of disease causing fungi resistant to Barrachlor 720 and other chlorothalonil based products could exist or develop. These resistant strains may dominate when this and other chlorothalonil based fungicides are used excessively. To minimise this risk use strictly in accordance with label instructions and resistance management strategies that may exist for particular diseases on this label. For further information see www.resistance.nzpps.org
NOTICE TO BUYER: The manufacturers and vendors of Barrachlor 720 warrant the formulation to contain the specified active ingredient within accepted tolerance when packed but make no warranty of any kind on the use of this material and accept no responsibility for results, whether the material has been used in accordance with directions or not.

D.O.M:

BATCH NO:

FREE RECYCLING
AGRECOVERY
agrecovery.co.nz

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BARRACHLOR 220615