

TOXIC ECOTOXIC
KEEP OUT OF REACH
OF CHILDREN

zelam

Barrachlor⁷²⁰™

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

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

F U N G I C I D E

NET CONTENTS: 5 LITRES

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Registered Pursuant to the ACVM Act 1997, No. P5947. See www.nzfsa.govt.nz/acvm/ for registration conditions

HAZARD CLASSIFICATION: 6.1B, 6.3B, 6.5B, 6.7B, 6.9A, 8.3A, 9.1A, 9.2B, 9.3B

APPROVED HANDLER: This product must be under the control of an approved handler during use.
RECORD KEEPING/TRACKING: Records of use and tracking must be done under certain circumstances. See MSDS for details.

DANGER: May cause organ damage from repeated oral exposure at high doses.

WARNING: May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation or allergic skin reaction, avoid contact with skin and eyes. Suspected of causing cancer.

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. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

PERSONAL PROTECTION: To prevent harm to human beings - A source of fresh, clean water for flushing eyes must be available in the treated area for seven days following application of **Barrachlor 720** to plants. Workers must be informed, in a manner they can understand, that residues in the treated area may be highly irritating to their eyes. Care should be taken to keep the residue out of eyes (e.g. refrain from rubbing eyes), if residue in eyes, immediately flush eyes with fresh, clean water. Instructions for use of a specialised eye wash facility must be available. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. DO NOT eat, drink or smoke while using.
DISPOSAL: For containers of 20 litres or less, triple rinse container and add residue to working tank. Dispose of container at an approved landfill or other approved facility.

ECOTOXIC: Warning - very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Harmful to terrestrial vertebrates and invertebrates.

MATERIAL SAFETY DATA SHEET: Additional information is listed on the MSDS available from Zelman Ltd or www.zelman.com

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.

STORAGE: Store at ambient temperature not higher than 25°C. Store in original container, tightly closed, away from foodstuffs.

READ THE ENTIRE LABEL BEFORE USE
Use only according to instructions. Stir or shake well before use.
It is an offence to use this product on animals.

CROP	DISEASES	RATE		DIRECTIONS FOR USE
		min rate per ha	rate per 100L	
ASPARAGUS	Stemphylium leaf spot	2.1L	210ml	Commence spraying at first appearance of disease after closing up and repeat at 7-10 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	1.4L	175-210ml	Apply at seedling emergence and then at 10-21 day intervals.
BEANS -Broad	Rust	2.1L	210-245ml	Apply at seedling emergence and then at 10-21 day intervals
BLACKCURRANTS	Leaf Spot	2.1L	210ml	Apply from bud burst onwards at 10-14 day intervals
BERRIES -Boysenberries, Blackberries, Loganberries	Botrytis*, Dryberry	2.1L	210-245ml	Apply from bud burst every 14 days, reduce to 7-10 day intervals.
CELERY	Septoria leaf spot	2.1L	210-245ml	Apply as a full season cover spray from immediately post-planting at 7-10 day intervals.
CURCUBITS	Downy mildew, Powdery mildew	1.4L	175-210ml	Apply at seedling emergence, then at 10-21 day intervals.
GRAPES	Blackspot, Botrytis*, Downy & Powdery mildew	2.1L	210-245ml	Apply as a full season cover spray at 10-14 day intervals. In high disease pressure reduce spray intervals to 7-10 days. Do not use on table grapes as russet may occur. Use on wine grapes, especially on white varieties, after the start of flowering may result in fruit russet.
LETTUCE	Ringspot	2.1L	210-245ml	Apply at seedling emergence, continue at 7-10 day intervals throughout the growing period.
ORNAMENTALS	Blackspot, Botrytis* Downy mildew, Flower blight & Powdery mildew	-	175-210ml	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	1.1L	140ml	Apply at 7-14 day intervals or as needed to maintain disease control.
STONEFRUIT	Leaf Curl, Blossom blight, rust, Brownrot	-	160-210ml	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*	2.1L	210-245ml	Apply from bud burst at 14 day intervals. In severe infection pressure reduce to 7-10 day intervals.
TOMATOES	Botrytis* Early & late blight	2.1L	210-245ml	Apply at planting out, then at 10-14 day intervals until harvest.
VEGETABLE BRASSICAS	Downy mildew, ring spot	1.4L	175-210ml	Apply at seedling emergence, continue at 10-21 day intervals. Use the high rate for ring spot control.

FOR CONTROL OF DISEASES OF TURF AND COTULA

DISEASE	USE RATE 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

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand Food (Maximum Residues Limits of Agricultural Compounds) Standards.

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; Grapes - 28 days; Lettuce - 7 days. **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.

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.

MANDATORY DIRECTIONS: As Barrachlor 720 contains minute particles of HCB, a compound that can be taken up by grazing stock to give unacceptable residues in meat and milk, the following restrictions to the use of the product must be observed: DO NOT graze treated crops. DO NOT feed any part of a treated crop to stock. CULTIVATE treated areas thoroughly (ie. not direct drilling or other minimum tillage techniques) before sowing pastures or any animal feed crop.
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.



BATCH NO:
Barrachlor

D.O.M:



ERMA NEW ZEALAND: Additional information is available from the ERMA NZ website: www.ermanz.govt.nz Approval Code: HSR000670
REGISTERED TO: Tapuae Partnership, Hudson Road, New Plymouth, NZ. Tel: 06 755 9234, Fax: 06 755 1174
EMERGENCY PHONE NUMBER: 0800 CHEMCALL - 0800 243 6225