

KEEP OUT OF THE REACH OF CHILDREN

READ THE LABEL CAREFULLY BEFORE USE

MBC 500 FLO

FUNGICIDE

For the control of certain fungal diseases in fruits, vegetables, wheat, ornamentals, and the causal organism of facial eczema.

Active Ingredient:

500g/litre carbendazim in the form of a suspension concentrate.

Also contains 40 g/litre ethylene glycol.

GROUP

1

FUNGICIDE

Registered pursuant to ACVM Act 1997, No. P5447

See www.foodsafety.govt.nz for conditions.

Approved pursuant to the HSNO Act 1996. Approval Code HSR000453



AGRECOVERY

Rural Recycling Programme

Registrant:

Etec Crop Solutions Limited

PO Box 51584, Pakuranga

Auckland, New Zealand

Phone: 0800 100 325

www.etec.co.nz

NET
CONTENTS:

10

Litres

Etec
CROP SOLUTIONS

PRODUCT INFORMATION

MBC 500 FLO is a systemic fungicide with protectant and eradicant properties against a broad spectrum of fungal diseases. It is absorbed into the plant and transported via the sap stream outwards and upwards. Full coverage is therefore necessary, as plant parts below the area of contact will not be protected.

RESISTANCE MANAGEMENT

MBC 500 FLO is a benzimidazole (Group 1) fungicide. Resistance to carbendazim and related benzimidazole fungicides has developed from repeated use in some disease situations. In order to help prevent further development of resistant strains, use strictly in accordance with directions. ETEC Crop Solutions Limited accepts no responsibility for failure of **MBC 500 FLO** to control resistant strains.

Consult <http://resistance.nzpps.org/> for alternate modes of action.

DIRECTIONS FOR USE

Mixing: Measure the required amount into the partly filled spray tank with agitation running. Complete filling the spray tank. The addition of a wetting/penetrating agent e.g. LI-700®1, will improve distribution and uptake on hard to wet plants.

RECOMMENDATIONS:

The dilution rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly. Use the higher rate when conditions favour disease. For boom spraying, use sufficient water to obtain complete coverage of the crop.

CROP	DISEASE	USE RATE	COMMENTS
Apples	Black spot	25ml/100 litres water	Apply only in mixture with a suitable protectant, non benzimidazole fungicide between 2nd cover and pre-harvest when infection pressure is high. Do not apply more than twice in any growing season.
Beans	Botrytis	2litres/ha	Use no more than 2 applications per season in a pro-gramme with alternative botrytisides.
	Sclerotinia		Apply early in the season immediately after transplanting or seed emergence. Use no more than 2 applications per season.
Citrus	Blue mould	50ml/100 litres water	Dip fruit for 30 seconds. Resistance is wide spread. Use only in regions where blue mould is still controlled.
Onions	Botrytis	500ml/ha	Apply at flag stage and repeat 14-21 days later. Treat again 30 days before harvest and repeat 10-14 days later if infection persists. Apply in a programme with alternative botrytisides and make no more than 4 applications per season.
Lettuce	Sclerotinia	2 litres/ha	Apply immediately after transplanting or seed emergence. Make not more than 2 applications per season.
Stonefruit	Brownrot Peach scab	25-50ml/100 litres	Apply in mixture with a non-benzimidazole fungicide during the blossom period only. Do not use more than twice per season. Use higher rate when disease pressure is severe.
Tomatoes	Sclerotinia	2litres /ha	Apply immediately after transplanting or seed emergence. Make not more than 2 applications per season. Alternate with non-benzimidazole fungicides.
Cereals- Wheat, Barley.	Eyespot	300-500ml/ha	Use only in second year crop. If control was below expectations use an alternative product in 3rd year crop. Do not apply to more than 2 consecutive crops. Use higher rates at Feeks GS 5 (leaf sheaths have lengthened) and the lower rate at GS 7-8 (shot blade).
Barley	Scald	300-500ml/ha	Make no more than 2 applications per season. For combined eyespot and scald treatment, follow instructions for eyespot control. For scald control apply higher rate at first sign of disease.
Pasture	Pithomyces Chartarum (Facial eczema)	300ml/ha in 100-200 litres water	Add a surfactant. Ensure complete coverage of all areas likely to be grazed and where possible, treat pasture in anticipation of danger periods. Treatment should last up to 6 weeks. In early February, treat enough pasture to graze all susceptible stock for 14 days. Treat further areas as required so that stock will be grazing 7-10 days after treatment. If heavy rain occurs within 3 days of treatment, pasture should be resprayed. In emergency situations, some worthwhile protection is present on pasture sprayed at least 24 hours before grazing.

COMPATIBILITY

MBC 500 FLO is compatible with most commonly used agrichemicals. Do not mix with strongly alkaline materials such as Bordeaux mixture or lime sulphur.

WITHHOLDING PERIODS

Tomatoes- 3 days; Apples- 7 days; Beans, Onions- 14 days; Lettuce- 21 days;

Cereals- 60 days; Stonefruit- do not use after petal fall.

**This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of registration.
This product MUST be under the control of an Approved Handler during use.**



HSNO Class: 6.6A, 6.8A, 6.9B, 9.1A, 9.2B

DANGER

May cause genetic defects.
May damage fertility or the unborn child.
May cause liver damage from repeated oral exposure at high doses.
Very toxic to aquatic organisms.
Toxic to the soil environment.

PRECAUTIONS

Store in original container, tightly closed, away from foodstuffs.
When mixing or applying, wear protective clothing, gloves and goggles.
Avoid contact with skin and eyes, and inhalation of spray mist.
Wash splashes of concentrate from skin or eyes immediately.
If clothing becomes contaminated with product, remove clothing immediately.
DO NOT eat, drink or smoke while using.
Wash hands and face before eating, drinking or smoking and after work.
Wash protective clothing after use.
Apply with well maintained and calibrated spray equipment.
Records of use MUST be kept.
Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409.

CONTAINER DISPOSAL: Ensure container is empty. Triple rinse container and add residue to spray tank. Submit clean empty container for recycling through Agrecovery (0800 247 326, www.agrecovery.co.nz). If this is not possible, bury in 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.

SPILLAGE: Wear suitable protective clothing including face shield, impervious gloves and boots. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of safely.

STORAGE: When stored appropriately, this product should show no significant degradation for a minimum of 2 years from the date of manufacture. See Safety Data Sheet for additional storage information.

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.etec.co.nz

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

EXCLUSION OF LIABILITY: PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility 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.

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

BATCH NO

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**UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID N.O.S. MARINE POLLUTANT (CARBENDAZIM)
PACKING GROUP III HAZCHEM 2XE CONTAIN SPILLAGE**