

CARBENZ

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

GROUP

1

FUNGICIDE

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



AGRISOURCE

PRODUCTS FOR AGRICULTURE

**HARMFUL
ECOTOXIC**

Keep out of the reach of children

Net Contents

10 Litres

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz

READ LABEL COMPLETELY BEFORE USE

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

APPROVED HANDLER

This product must be under the personal control of an approved handler or secured.



HARMFUL

May cause sensitization from prolonged skin contact. Avoid contact with skin.

TOXIC

May cause heritable mutations in cells. Repeated exposure at high doses may cause reproductive damage and may cause liver damage.

ECOTOXIC

Toxic to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container. Toxic to the soil environment.

HANDLING PRECAUTIONS

Personal Protection: When mixing or applying, avoid contact with skin and eyes. Wear full protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

Equipment: Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Flush spray equipment thoroughly with water after use.

Storage: Store in original container tightly closed and in a locked, dry, cool, well ventilated area away from fertilisers, feed, seeds and foodstuffs.

Keep out of reach of children. Store in accordance with NZ 8409 Management of Agrichemicals.

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.

Spillage: Move non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

Product Disposal: Dispose of unwanted product is by used by another operator strictly in accordance with label directions.

Container Disposal: Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

Safety Data Sheet: Additional information is provided in the SDS available from your supplier.

FIRST AID

If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 Poison (0800764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If concentrate is splashed in the eyes, flush with running water immediately.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade

GENERAL INFORMATION

Carbenz 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.

IMPORTANT - RESISTANCE MANAGEMENT

Carbenz contains the carbendazim. Resistance to pesticides can develop from excessive use. To minimise this risk, avoid using this fungicide exclusively all season, avoid unnecessary spraying and endeavour to alternate with fungicides from other groups within the crop and in subsequent seasons for a sprayed paddock. Use strictly in accordance with label instructions. Maintain good cultural practices.

It is an offence to use this product on animals.

DIRECTIONS FOR USE

MIXING

Invert container several times before opening. Stir well. Measure the required amount of **Carbenz** into the partly filled spray tank with agitation running. Complete filling the spray tank and agitate to ensure through mixing. Continue agitation while spraying. The addition of a wetting/penetrating agent will improve distribution and uptake on hard to wet plants.

COMPATIBILITY

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

APPLICATION

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	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 in 700-1000 litres water	Use no more than 2 applications per season in a programme with alternative botryticides.
	Sclerotinia		Apply early in the season immediately after transplanting or seed emergence.
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.
LETTUCE	Sclerotinia	2litres/ha in 800-1000 litres water	Apply soon after transplanting or emergence of direct seeded crops. No more than 2 applications per season.
MAIZE	Head Smut	100ml/800ml of water	Mix with 100g captan (80%) to form a slurry –treats 45kg of seed.
ONIONS	Botrytis	500ml/ha in 400-600 litres of water	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 botryticides and make no more than 4 applications per season.
	Smut (seed treatment)	100ml/400g of seed	Wet onion seed with methyl cellulose adhesive (25g in 500ml of water); use 20ml of this mixture per 3kg of onion seed. Add the Carbenz and shake thoroughly to ensure complete coverage.
STONEFRUIT	Brownrot, Peach scab	25-50ml /100 litres	Apply only in mixture with a non-benzimidazole fungicide. Apply during the blossom period only and do not use more than twice per season. Use higher rate when disease pressure is severe. Do not use after blossom.
TOMATOES	Sclerotinia	2litres/ha in 700-1100 litres of water	Apply immediately after transplanting or seed emergence. Alternate with a non-benzimidazole fungicide at 14 day intervals throughout the season. Make not more than 2 applications per season.
CEREALS Wheat, Barley	Eyespot	300-500ml /ha in 200 litres of water	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) Make no more than 2 applications per season.
	Scald (Barley)	300-500ml /ha in 200 litres of water	For combined eyespot and scald treatment, follow instructions for eyespot control. For scald control apply higher rate at first sign of disease.
PASTURE	Facial Eczema (pithomyces chartarum)	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.
RYEGRASS SEED CROPS	Blind seed disease	500ml/ha in 200L of 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 maybe needed.

It is an offence for the users of this product to cause residues exceeding the relevant MRL in the NZ (Maximum Residues Of Agricultural Compounds) Food Standard.

WITHHOLDING PERIODS

Tomatoes.....	3 days	Lettuce.....	21 days
Apples.....	7 days	Cereals.....	60 days
Beans, Onions.....	14 days	Stonefruit do not use after blossom	
Ryegrass Seed crops.....	14 days before harvest, 35 days before grazing		

CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, 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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See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996 No. HSR000453
See www.epa.govt.nz for approval conditions

BATCH NO:

REGISTRANT

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DATE OF
MANUFACTURE:

24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)