



FUNGICIDE

Carbenz

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

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

DANGER // TOXIC // ECOTOXIC

Keep out of the reach of children

Net Contents **10 LITRES**

GROUP

1

FUNGICIDE



agrisource.co.nz

FREE RECYCLING

AGRECOVERY

www.agrecovery.co.nz

READ LABEL COMPLETELY BEFORE USE

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 **GROUP 1 FUNGICIDE** 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 thorough 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.

SPRAY DRIFT

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

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

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		

Registered pursuant to the ACVM Act 1997 No. P8219
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
Agri Solutions Ltd
45 Kitchener Road,
Pukekohe 2120

DISTRIBUTOR
Agrisource (2000) Ltd
45 Kitchener Road, Pukekohe 2120
09 237 0442 · www.agrisource.co.nz

**DATE OF
MANUFACTURE:**

CROP	DISEASE	RATE	COMMENTS
APPLES	Black Spot	25 ml/100 litres of 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	2 litres/ha in 700 – 1,000 litres of 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	50 ml/100 litres of water	Dip fruit for 30 seconds. Resistance is wide spread. Use only in regions where blue mould is still controlled.
LETTUCE	Sclerotinia	2 litres/ha in 600-1,000 litres of water	Apply soon after transplanting or emergence of direct seeded crops. No more than 2 applications per season.
MAIZE	Head Smut	100 ml/800 ml of water	Mix with 100g captan (80%) to form a slurry –treats 45kg of seed.
ONIONS	Botrytis	500 ml/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)	100 ml/400 g 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	25-50 ml/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	2 litres/ha in 700-1,100 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	300-500 ml/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)		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)	300 ml/ha in 100-200 litres of 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	500 ml/ha in 200 litres 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.



HAZARDS

DANGER May cause genetic defects. May damage fertility or the unborn child. May cause liver or kidney damage from repeated ingestion.

ECOTOXICITY Very toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. Do not apply directly into or onto water. Collect Spillage. Hazardous to soil organisms.

RECORD KEEPING

Where 3 kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept of each application of the substance. Refer to Part 4 Clause 48 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for details of information that must be recorded

QUALIFICATIONS REQUIRED FOR USE OF THIS PRODUCT

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

HANDLING PRECAUTIONS - FOR WORKPLACE USE ONLY

Personal Protection: Read label carefully and follow all instructions. Do not handle until all safety precautions have been read and understood. When mixing or applying, avoid contact with skin and eyes. Do not breathe mist or spray. Wear full protective clothing, gloves and goggles. A respirator (organic vapour and particulate matter) is required where spray mist could be inhaled. Do not eat or drink while using this product. 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. Stores containing more than 100 litres are subject to signage and secondary containment and require an emergency response plan.

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 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: Rinse Mouth. DO NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. For advice, contact the National Poisons Centre 0800 Poison (0800 764 766) or a doctor immediately. 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 soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned or if you feel unwell: Get medical advice/ attention. If medical advice is needed, have product container or label at hand.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

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.

24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)