

RESISTANCE MANAGEMENT: Spiral 500EC is a **GROUP 5 FUNGICIDE** and is a member of the spiroketalamine group of fungicides that have the SBI Class II mode of action. Some naturally occurring individual fungi may become resistant when excessive use of the same fungicide occurs. In grapes, do not apply more than 2 applications per season and not more than 2 applications consecutively. In cereals, do not apply more than 2 applications per season.

GENERAL INFORMATION:

Spiral 500EC is a systemic fungicide with protectant, curative and eradicant activity for use on powdery mildew in grapes, barley and wheat. It is a member of the Morpholine group of fungicides of the chemical class spiroketalamines.

PLEASE READ THE LABEL COMPLETELY BEFORE USE.

DIRECTIONS FOR USE:

The dilution rate expressed for grapes is for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly.

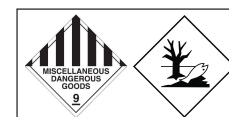
CROP	DISEASE	RATE	REMARKS
Grapes	Powdery mildew	120mls/100 litres, and apply with a water rate of 500 litres/ha (product rate: 600ml/ha)	Make no more than 2 applications per season. Under low to moderate disease pressure make the first application in the period from pre-flowering up to the end of capfall. Under high disease pressure make the first application at pre-flower. Ensure a minimum application interval of 28 days. Monitor the crop to determine if a second application of Spiral 500EC is necessary. Apply as part of a robust season long programme. Do not apply Spiral 500EC after pre-bunch closure.
Barley Wheat	Powdery mildew	1.2 litres/ha	Apply on first appearance of disease. If infection reoccurs, a follow up application may be required.

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:

Barley, wheat (grain) – **56 days**
Barley, wheat (forage) – **42 days**
Grapes – **56 days**

Application: May be applied through all conventional, ground-based boom spraying equipment. Maintain agitation during mixing and spray application.
Compatibility: Spiral 500EC may be tankmixed with most commonly used insecticides and fungicides. Do not mix with alkaline materials.



UN3082. CLASS 9, PG III. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SPIROXAMINE).
Do not carry this product on a passenger service vehicle.

DANGER
CORROSIVE
KEEP OUT OF REACH OF CHILDREN

Spiral® 500EC

A systemic fungicide for the control of powdery mildew in grapes, barley and wheat.

Active Ingredient: Contains 500g/L spiroxamine in the form of an emulsifiable concentrate.

GROUP 5 FUNGICIDE

Registered pursuant to the ACVM Act 1997 No. P8524
See www.foodsafety.govt.nz for registration conditions

In a transport emergency dial 111, Police or Fire Brigade.
**For specialist advice in an emergency only call:
0800 734 607 (24 hours).**



Net Contents: 5 litres



HSNO Classifications: 6.1D (Oral, Dermal, Inhalation), 6.3A, 6.4A, 6.5B, 6.9A, 8.3A, 9.1A, 9.3C
Approved under the HSNO Act, 1996: HSR007652. See www.epa.govt.nz for controls.
Qualified Person/Contractor: Required.

Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. May cause an allergic skin reaction. Causes damage to organs through single, prolonged or repeated exposure. Causes serious eye damage.

PRECAUTIONS: Keep out of reach of children. Read label before use. Do not breathe fumes, vapours, or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective clothing. Collect Spillage.

PERSONAL PROTECTIVE (PPE): When mixing or applying, wear chemical resistant overalls, chemical resistant boots and gloves, chemical resistant footwear plus socks, chemical resistant head gear and eye protection.

STORAGE: Store locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed. See Safety Data Sheet for further information.

SPIRAL 500EC MUST NOT BE APPLIED ONTO OR INTO WATER.

SPIRAL 500EC IS TO BE APPLIED VIA GROUND BASED APPLICATION SYSTEMS ONLY.

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Avoid contamination of any water supply with product or empty container. Contain spillage. Avoid release to the environment. A strategy to minimise spray drift should be employed at all times when applying spray near aquatic environments.

HARMFUL TO TERRESTRIAL VERTEBRATES.

DISPOSAL OF CONTAINER: Triple rinse container and add residue to spray tank. Return clean, empty container to an AgRecovery site for disposal.



FIRST AID: If medical advice is needed, have product container or label at hand. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: Get medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. If exposed: Call a POISON CENTER or doctor/physician.

SPILLS: Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

Batch No. and Manufacturing Date: See on packaging.

Registered to and Distributed by: Adria New Zealand Limited.

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Notice to Buyer: Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.