

# WARNING

Keep out of reach of children

# Curalan<sup>®</sup>

For the control of a wide range of diseases in grapes, field tomatoes, potatoes and vegetable brassicas.

Active Ingredient: contains 500g/litre fluazinam in the form of a suspension concentrate.

GROUP

29

FUNGICIDE

Registered pursuant to the ACVM Act 1997 No. P8299  
See [www.foodsafety.govt.nz](http://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).

(barcode)

**Net Contents: 5 litres**



Approved under the HSNO Act 1996, HSR100514.

HSNO Classifications: 6.1D, 6.3B, 8.3A, 6.5B, 6.8B, 6.9B, 9.1A, 9.2D, 9.3C

Qualified/Competent Person: Required.

**WARNING:** This substance may be fatal if swallowed, inhaled or absorbed through the skin. May cause eye irritation, mild skin irritation or an allergic reaction. May cause reproductive / development damage or liver damage from repeated oral exposure. This substance is corrosive and may cause severe eye damage.

**PRECAUTIONS:** Store in original container, tightly closed, away from foodstuffs in a cool dry, secured area. Avoid contact with skin and eyes, and inhalation of spray mist. Wash hands and exposed skin before meals and after work. Avoid contamination of any water supply with chemical or empty container.

Apply this product carefully. Ensure compliance with relevant regional air management plans.

**STORAGE:** Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100 litres of Curalan require secondary containment and are subject to signage, and more than 100 litres require emergency response plans.

**MUST NOT BE APPLIED ONTO OR INTO WATER.**

**HARMFUL TO THE SOIL ENVIRONMENT. HARMFUL TO TERRESTRIAL VERTEBRATES.**

**VERY TOXIC TO AQUATIC LIFE.** Avoid contamination of any water supply with chemical or empty container. A strategy to minimise spray drift should be employed at all times when applying spray near aquatic environments.

**DISPOSAL OF CONTAINER:** Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.



**FIRST AID:** If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately. If spilt on the skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in eyes flush with running water for at least 15 minutes. Take to hospital without delay.

**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. P.O. Box 535, 407 State Highway 16 Kumeu, Auckland. Ph: 09 412 9817. [www.adria.nz](http://www.adria.nz)

**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.

**GENERAL INFORMATION:** Curalan is a protectant fungicide for use as a preventative treatment against botrytis, downy mildew and phomopsis (dead arm) in grapes, botrytis, sclerotinia and late blight in field tomatoes and early blight, late blight and sclerotinia in potatoes. Curalan also controls powdery scab on potatoes and clubroot in vegetable brassicas when applied to the soil surface and incorporated prior to planting.

**RESISTANCE MANAGEMENT:** Curalan is a **GROUP 29 FUNGICIDE** from the 2,6-Dinitro-anilines chemical family. Resistance to this fungicide and related fungicides could develop in some disease situations from repeated use. To minimise this risk, use strictly in accordance with the label instructions and apply Curalan as recommended for the specific crop. If further control is required, use a fungicide with a different mode of action. Consult [www.resistance.nzpps.org/](http://www.resistance.nzpps.org/) for alternative modes of action and resistance management strategies (if any).

**COMPATIBILITY:** Curalan is compatible with commonly used fungicides and insecticides. Do not mix with alkaline materials, such as Bordeaux mixture or lime sulphur.

**IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.**

**DIRECTIONS FOR USE:**

**Grapes – Botrytis, Downy Mildew and Phomopsis (dead arm):**

Use 100mL/100 litres (or not less than 1 litre per hectare). Apply at early and late flowering; just prior to bunch closure and again at the beginning of berry ripening (veraison). Use alternative fungicides, particularly for phomopsis control, in the critical pre-flower period. Add a non-ionic surfactant at label rates. The rate expressed is for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly.

**Field Tomatoes – Botrytis, Sclerotinia and Late Blight:**

Use 750mL/ha at early flowering and again approximately 14 days later, towards the end of flowering. Apply in a minimum of 500 litres water per hectare and increase if necessary to ensure complete coverage. The period of sclerotinia control is four to eight weeks, and after the second application of Curalan, alternative approved fungicides may be required in high risk situations. For the control of late blight after flowering, use alternative approved fungicides for the remaining duration of the crop. Add a non-ionic surfactant at label rates.

**Potatoes – Early Blight, Late Blight and Sclerotinia:**

Use 250mL/ha at 7-10 day intervals for late blight and sclerotinia control or use 200mL/ha plus 1kg mancozeb (800 grams a.i.)/ha if early blight is also likely. Use the shorter interval under severe disease pressure conditions. Apply when the crop has fully emerged but before any sign of disease, using sufficient water per hectare to obtain complete coverage. Add a non-ionic surfactant at label rates.

**Potatoes – Powdery Scab:**

Apply 4 litres/ha in 500 litres of water to cultivated ground prior to planting. Within 2 hours of application, incorporate thoroughly into the soil to a depth of 15cm, using either a rotary hoe or power harrow.

**Vegetable Brassicas – Clubroot:**

Apply 4 litres/ha in 500 litres of water to cultivated ground prior to transplanting. Ensure thorough incorporation to transplant root depth (not more than 10cm) within 2hrs of applying, using a rotary hoe or power harrow. Soil should be moist at application and the crop transplanted within 2 days. At least 20mm of overhead irrigation should be applied soon after planting to further assist the distribution of Curalan throughout the upper soil profile. Disease control may be reduced if longer transplant or irrigation intervals occur.

**RAINFALL:** Do not apply if rainfall is likely within 6hrs following application. Heavy rain following treatment will remove much of the fungicide from treated plant tissue and if disease pressure remains high, earlier re-treatment will be necessary.

**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:**

Grapes – 28 days

Field Tomatoes – 42 days

Potatoes – 14 days

Vegetable Brassicas – Do not apply after planting