



FUNGICIDE

Paragon[®]

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

Contains 500 g/L fluazinam in the form of a suspension concentrate

Also contains 50 g/L ethylene glycol

WARNING // ECOTOXIC

Keep out of the reach of children

Net Contents **10 L**

GROUP

29

FUNGICIDE



agrisource.co.nz

FREE RECYCLING



www.agrecovery.co.nz

READ LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION

Paragon 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. **Paragon** also controls powdery scab on potatoes and clubroot in vegetable brassicas when applied to the soil surface and incorporated prior to planting.

DIRECTIONS FOR USE

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

EPA CONTROLS

Do not apply onto or into water.

MIXING

Invert container and shake well before use. Add the required amount of **Paragon** to the partly filled spray tank with agitator running and complete filling the tank with water.

COMPATIBILITY

Compatible with other commonly used fungicides and insecticides except for alkaline materials.

RESISTANCE MANAGEMENT

Paragon contains the **GROUP 29 FUNGICIDE** dinitro-aniline fungicide, fluazinam. The mode of action is uncoupling of oxidative phosphorylation. It has a low risk of resistance. Some naturally occurring individual fungi resistant to **Paragon** may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatably. These resistant fungi will not be controlled by **Paragon**, thus resulting in a reduction in efficacy. To minimise this risk use strictly in accordance with label directions. For current advice on resistance management "Consult <http://resistance.nzps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

RAINFALL

Do not apply if rainfall is likely within 6 hours 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 to use this product on animals.

Leaf plucking in vineyards: Sheep must not be sent for slaughter or milked for 2 months after being removed from the vineyard (and placed on clean feed).

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

Registered pursuant to the ACVM Act 1997 No. P010302
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSN0 Act 1996 No. HSR100383
See www.epa.govt.nz for approval controls

RECOMMENDATIONS		
CROP	DISEASE	CRITICAL COMMENTS
Grapes	Botrytis, Downy Mildew and Phomopsis (dead arm)	Use 100 mL/100 L. 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. Apply with a suitable 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 750 mL/ha at early flowering and again approximately 14 days later, towards the end of flowering. Apply in a minimum of 500 L 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 Paragon , 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. Apply with a suitable non-ionic surfactant at label rates.
Potatoes	Early Blight, Late Blight and Sclerotinia	Use 250 mL/ha at 7-10 day intervals for late blight and sclerotinia control or use 200 mL/ha plus 1 kg Mancozeb (80 % ai)/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. Apply with a suitable non-ionic surfactant at label rates.
Potatoes	Powdery Scab	Apply 4 L/ha in 500 L of water to cultivated ground prior to planting. Within 2 hours of application, incorporate thoroughly into the soil to a depth of 15 cm, using either a rotary hoe or power harrow.
Vegetable Brassicas	Clubroot	Apply 4 L/ha in 500 L of water to cultivated ground prior to planting. Ensure thorough incorporation to transplant root depth (not more than 10 cm) within 2 hours of applying, using a rotary hoe or power harrow. Soil should be moist at application and the crop transplanted within 2 days. At least 20 mm of overhead irrigation should be applied soon after planting to further assist the distribution of Paragon throughout the upper soil profile. Disease control may be reduced if longer transplant or irrigation intervals occur.

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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BATCH NO:

REGISTRANT

Agri Solutions Ltd
45 Kitchener Road,
Pukekohe 2120

DISTRIBUTOR

AgriSource (2000) Limited
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DATE OF
MANUFACTURE:



WARNING

Harmful if inhaled. May cause eye irritation and an allergic skin reaction. Suspected of damaging fertility or the unborn child and may cause liver damage from repeated oral exposure.

ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Do not apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Collect spillage.

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. 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.

QUALIFICATIONS REQUIRED FOR USE OF THIS PRODUCT

Anyone who mixes, loads, or applies this product, 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: Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe fumes, mist, vapours or spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. When mixing or applying, avoid contact with skin and eyes. Wear full protective clothing, gloves and goggles. Wash hands and face before meals and after work. Wash protective clothing after work. Contaminated work clothing should not be allowed out of the workplace.

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 two years from the date of manufacture.

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).

Transport: Do not carry this product on a passenger service vehicle.

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, or www.agrisource.co.nz

FIRST AID

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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.

EMERGENCY RESPONSE

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use high volume water jet to extinguish. In a transport emergency call 111, Police or Fire Brigade

24 HOUR EMERGENCY RESPONSE 0800 CHEMICAL (0800 243 622)