

# WARNING

KEEP OUT OF REACH OF CHILDREN

Read label before use

# ECOTOXIC

# AGPRO

# Azoxystrobin 250 SC

*Contains 250g/litre azoxystrobin in the form of a suspension concentrate*

A fungicide for the control of a wide range of diseases in wheat, barley, potato, sweetcorn, maize, peas, field tomatoes, onions, grapes, turf and ryegrass seed crops

## 5L

Registered pursuant to the ACVM Act 1997, No. P8798  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to HSNO Act 1996,  
Approval Code HSR100871  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

Registered to and distributed by:  
**AGPRO NZ Ltd**  
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# AGPRO



## HAZARD CLASSIFICATION

Eye irritation Category 2

Acute inhalation toxicity Category 4

Specific target organ toxicity repeated exposure Category 2

Hazardous to the aquatic environment acute Category 1

Hazardous to the aquatic environment chronic Category 1

## HSNO Classification:

6.1D, 6.4A, 6.9B, 9.1A

**This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.**

## WARNING

### TOXICITY

Harmful if inhaled. Causes serious eye irritation. May cause damage to organs through prolonged or repeated oral exposure.

### ECOTOXICITY

Very toxic to aquatic life with long lasting effects.

## PRECAUTIONS

### QUALIFIED HANDLER

This product must be under the control of a suitably qualified handler during handling, mixing, loading or application.

**Fungicide.** This product must not be applied directly into or onto water. Avoid

contamination of any water supply with product or empty container. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

## PERSONAL PROTECTION

Avoid contact with skin and eyes, ingestion and inhalation of spray mist. When mixing or applying this product, overalls, boots, gloves, respiratory and eye protection should be worn. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash all protective clothing after work.

## STORAGE

Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area avoiding direct sunlight and away from foodstuffs, fertilisers or seeds. Storage must be in accordance with the current version of NZ Standard for the Management of Agrichemicals (NZS 8409). Stores containing 100 litres or more of **AGPRO Azoxystrobin 250SC** require secondary containment, signage and an emergency plan.

## EQUIPMENT

Apply only with appropriate, well-maintained and calibrated equipment in accordance with NZS 8409.

## RECORDS OF APPLICATION

If 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter the air or water and leave the application area, written records must be kept.

Proper Shipping Name	Class	UN No.	Packing Group	Hazchem
<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (contains azoxystrobin 25%)</b>	9	3082	III	3Z

Batch Number:

Date of Manufacture:

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz

LBL013.1

## DISPOSAL

**PRODUCT DISPOSAL:** Dispose of this product only by using according to the label directions or if this is not possible contact your supplier for advice.

**CONTAINER DISPOSAL:** Triple rinse container and add rinsate to the spray tank. Recycle clean containers at an Agrecovery depot, or puncture and dispose of at an approved landfill. Do not burn. Do not use container for any other purpose.

## FIRST AID

**For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor.** If medical advice is needed have product container or label to hand.

**IF SWALLOWED:** Do NOT induce vomiting. Rinse mouth. Call the Poisons Centre or a doctor if you feel unwell.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

**IF ON SKIN OR HAIR:** Remove contaminated clothing and flush with water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call the Poisons Centre or a doctor if you feel unwell. Apply artificial respiration if not breathing.

## EMERGENCY RESPONSE

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

For specialist advice in a chemical emergency call 0800 CHEMCALL (0800 243 622).

## SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Absorb liquid spills with inert material such as attapulgite, soil, etc., and place in a sealable and labelled waste container. Wash area with water and absorb with further inert material. Dispose of safely at an approved landfill.

## SAFETY DATA SHEET

Additional information is provided in the safety data sheet. Phone 09 273 3456 or visit [www.agpro.co.nz](http://www.agpro.co.nz) for a copy.

## GENERAL INSTRUCTIONS

**AGPRO Azoxystrobin 250 SC** is a broad spectrum fungicide from the strobilurin group with systemic, translaminar, protectant and antisporeulant properties. **AGPRO Azoxystrobin 250 SC** is best used as a protective treatment during mid-crop development.

**AGPRO Azoxystrobin 250 SC** also controls the late season disease complex in cereals when applied from flag leaf emergence. **AGPRO Azoxystrobin 250 SC** enhances green leaf area retention and will provide up to six weeks disease control. Applications made to crops over the flag leaf to head emergence growth stages will provide significant green leaf area retention that can contribute to yield increases. **AGPRO Azoxystrobin 250 SC** should not affect beneficial species including parasitic wasps, hover flies, lacewings and honeybees.

**Use Warning: AGPRO Azoxystrobin 250 SC** is extremely phytotoxic to certain apple varieties. **AGPRO Azoxystrobin 250 SC** must not be used in any manner that could result in spray drift reaching apple trees. Sprayers used to apply **AGPRO Azoxystrobin 250 SC** cannot be used to spray apples nor cause drift onto apples even after normal decontamination procedures have been followed.

## RESISTANCE MANAGEMENT

GROUP	11	FUNGICIDE
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**AGPRO Azoxystrobin 250 SC** contains a fungicide from the QoI (quinone outside inhibitors) mode of action. Resistance to this fungicide could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies that exist for any fungus listed on the label. Use a maximum of two applications of **AGPRO Azoxystrobin 250 SC** or any other QoI fungicide per crop per season. Where recommended apply **AGPRO Azoxystrobin 250 SC** in a tank mixture with a suitable fungicide from a different mode of action at the label recommended rate. For the control of cereal diseases apply **AGPRO Azoxystrobin 250 SC** in tank mixture with an approved, non-cross resistant fungicide at the recommended rate. Apply preventatively or early in the disease cycle. **Do not** rely on the curative

## activity of **AGPRO Azoxystrobin 250 SC**.

**Do not** apply repeated applications at reduced rates as this provides continuous selection pressure. Refer to [www.resistance.nzpps.org](http://www.resistance.nzpps.org) for further resistance management advice.

## COMPATIBILITY

**AGPRO Azoxystrobin 250 SC** is compatible with most commonly used insecticides and fungicides.

## RAINFALL

Rainfall within 3 hours following treatment may reduce effectiveness. Earlier re-treatment should be considered following heavy rain.

## DIRECTIONS FOR USE

### MIXING

Stir or mix well. Add the full quantity of the product to the partly filled spray tank whilst agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate from the bottom if allowed to stand. Do not leave spray mix in sprayer overnight.

### APPLICATION RATE

The maximum application rate for **AGPRO Azoxystrobin 250 SC** is 2.4L product/ha (61.9g ai/ha) with a maximum of 2 applications per year and a minimum application interval of 14 days.

Use at least 200 litres of water/ha for ground application and at least 50 litres of water/ha for aerial application.

Use higher water volumes in dense or advanced crops. Uniform coverage is essential for best results. Wetting agents are not normally required when using **AGPRO Azoxystrobin 250 SC**.

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Limits of Agricultural Compounds.**

## WITHHOLDING PERIOD

Wheat, barley, ryegrass seed crops – grain crops: 35 days

Wheat, barley, ryegrass seed crops – green feed/silage: 28 days

Maize: 56 days

Sweetcorn: 14 days

Peas grown for process or fresh without pods: 14 days

Peas grown for seed or dry animal feed: 35 days

Potatoes: 14 days

Field tomatoes: 14 days

Onions: 35 days

Grapes: 14 days

**Do not use on maize or sweetcorn intended for green feed or silage.**

**It is an offence to use this product on animals.**

## CLEANING AND DECONTAMINATION

After using spray equipment, flush all equipment and lines with clean water.

If the same equipment which applied **AGPRO Azoxystrobin 250SC** is to be used for any application onto or around sensitive crops, ensure that all spray equipment is washed well and completely decontaminated. Also see **USE WARNING** in **GENERAL INFORMATION** section.

## CONDITIONS OF SALE

As the use of this product is beyond the control of **AGPRO NZ Ltd**, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by **AGPRO NZ Ltd** regarding its suitability, fitness, or efficacy for any purpose for which it is used by the user, whether in accordance with the directions or not. **AGPRO NZ Ltd** accepts no responsibility for any consequence whatsoever resulting from the use of this product.

CROP	DISEASE	RATE	NOTES
Barley	Didymella leaf scorch, Leaf rust, Net blotch (spot and net forms), Ocularia leaf spot, Scald, Spot blotch	750mL/ha	Apply as a preventative spray. If disease is present, or conditions prior to application have been favourable for disease infection the addition of an approved triazole fungicide is recommended. Re-infection may require further treatment 4 to 6 weeks later. Where scald infection pressure is high, it is recommended to apply <b>AGPRO Azoxystrobin 250 SC</b> in a tank mix with a fungicide from a different chemical group that is approved for use on this disease.
	Late season head disease complex ( <i>Alternaria</i> , <i>Cladosporium</i> , <i>Microdochium nivale</i> , <i>Stemphylium</i> )		Apply as a preventative spray after ear emergence; GS 57-69
Wheat	Leaf rust, Powdery mildew, Speckled leaf blotch, Stripe rust	750mL/ha	Apply as a preventative spray. If disease is present or conditions prior to application have been favourable for disease infection the addition of an approved triazole fungicide is recommended. Re-infection may require further treatment 4 to 6 weeks later. Where powdery mildew infection pressure is high, it is recommended to apply <b>AGPRO Azoxystrobin 250 SC</b> in a tank mix with a fungicide from a different chemical group that is approved for use on this disease.
	Didymella leaf scorch		Apply as a preventative spray from flag leaf emergence; GS 39
	Glume blotch		For protection of the flag leaf apply as a preventative spray from flag leaf emergence; GS 39-55. For protection of the seed head apply after ear emergence; GS 57-69
	Late season head disease complex ( <i>Alternaria</i> , <i>Cladosporium</i> , <i>Microdochium nivale</i> , <i>Stemphylium</i> )		Apply as a preventative spray after ear emergence; GS 57-69
Ryegrass seed crops	Crown rust (leaf rust), Stem rust	750mL/ha	Apply as a preventative spray. If disease is present or conditions prior to application have been favourable for disease infection the addition of an approved triazole fungicide is recommended. Re-infection may require further treatment. The treatment of ryegrass seed cultivars has not shown to have any adverse effects on the endophyte levels in the harvested seed.
Potatoes	Early blight, late blight (Under climatic conditions which create severe late blight disease pressure, either tank mix <b>AGPRO Azoxystrobin 250 SC</b> with 1kg/ha mancozeb (80%) or alternately apply 1 or 2 sprays of a systemic/ protectant fungicide, then revert to the use of <b>AGPRO Azoxystrobin 250 SC</b> .)	500mL/ha	Apply in a minimum of 500L water/ha for a crop in full canopy to ensure uniform coverage. Apply as a protective spray from the 2-4 leaf growth stage with a maximum of 2 applications 14 days apart when conditions favour disease infection but prior to disease development. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. DO NOT use <b>AGPRO Azoxystrobin 250 SC</b> or related strobilurin products for more than one third of the total seasonal sprays.
Potatoes "in-furrow" planting application	Black scurf, Silver scurf (suppression only)	10mL/100m of row	Apply at planting as an "in-furrow" spray in 50 to 150L water/ha. Direct the spray into the furrow just before the tuber is covered with soil as a 15 to 30cm band ensuring the tuber and immediate surrounding soil is sprayed. <b>Do not</b> apply <b>AGPRO Azoxystrobin 250 SC</b> if conditions or seed quality favour bacterial rots as these diseases may be aggravated if seed comes into contact with additional moisture. <b>Do not</b> apply <b>AGPRO Azoxystrobin 250 SC</b> if planting in hot, sandy soils as bacterial rots may be aggravated.
Sweetcorn, Maize	Rust ( <i>Puccinia sorghi</i> ) Northern leaf blight ( <i>Setosphaeria turcica</i> )	1L/ha	Apply as a preventative spray especially before but no later than tasselling when disease infection is most likely to occur. A second application may be required 14 days later if disease pressure continues. Do not apply more than 2 applications per season.

CROP	DISEASE	RATE	NOTES
Peas (NOT for use on peas to be harvested in pods and consumed whole, e.g. snow peas and snap peas)	Ascochyta, downy mildew, powdery mildew	500mL/ha	Apply in a minimum of 200L water/ha for a crop in full canopy to ensure uniform coverage. The first application should be made as a protective spray at 5th node to 1st pod formation. A second application 14-21 days later is required if disease pressure remains high. The addition of <b>AGPRO Wetter Penetrant</b> at recommended label rates will assist crop coverage and spray distribution. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. Before applying <b>AGPRO Azoxystrobin 250 SC</b> ensure the crop is free from any stress caused by environmental or agronomic factors. Application to established downy mildew, ascochyta or powdery mildew will not give reliable control. <b>Note:</b> See <b>Withholding Period</b> section for information on the appropriate withholding period.
Onions	Downy mildew, pink rot	500mL/ha	Apply in a minimum of 400L water/ha for a crop in full canopy to ensure uniform coverage. Apply as a protective spray from the 2-leaf growth stage with a maximum of 2 applications 14 days apart when conditions favour disease infection but prior to disease development. Add <b>AGPRO Wetter Penetrant</b> at recommended label rates. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. Application to established downy mildew may not give reliable control. <b>AGPRO Azoxystrobin 250 SC</b> will contribute to the control of pink rot ( <i>Phoma terrestris</i> ). DO NOT apply more than 2 applications of <b>AGPRO Azoxystrobin 250 SC</b> per season.
Onions	Neck rot ( <i>Botrytis allii</i> )	500mL/ha	<b>AGPRO Azoxystrobin 250 SC</b> can be applied at key timings for neck rot control i.e. flag leaf and pre-harvest. Apply in sufficient water to ensure thorough and uniform coverage. Applications MUST be made with the addition of a non-ionic wetting agent such as <b>AGPRO Wetter Penetrant</b> at label rates. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. DO NOT apply more than 2 applications of <b>AGPRO Azoxystrobin 250 SC</b> per season.
Field tomatoes	Early blight, late blight, black mould	500mL/ha	Apply in a minimum of 500L water/ha for a crop in full canopy to ensure uniform coverage. Apply as a protective spray prior to disease development with a maximum of 2 applications 14 days apart. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. DO NOT apply to field tomatoes with a surfactant or crop oil concentrate.
Grapes	Powdery mildew, downy mildew, botrytis (When <b>AGPRO Azoxystrobin 250 SC</b> is used in a seasonal spray program it will provide control of botrytis additional to that of specific botryticides. <b>AGPRO Azoxystrobin 250 SC MUST NOT</b> be used instead of specific botryticides at strategic timings.)	80mL/100 litres of water and apply not less than 800mL/ha	Apply as a protective spray prior to disease development with a maximum of 2 applications 14 days apart from early flowering to preharvest.
Turf	Fairy ring fungi	1.2 - 2.4L/ha	Apply in 800 – 1600 litres of water/ha.