



**WARNING, ECOTOXIC**  
Keep out of reach of children

# AZOXYSTAR®

For the control of a range of diseases in Wheat, Barley,  
Potatoes, Ryegrass seed crops, Sweet Corn, Maize,  
Grapes, Peas, Onions, Field Tomatoes and Turf.

ACTIVE INGREDIENT: Contains 250g/litre azoxystrobin in the  
form of a suspension concentrate.

GS AZ499/F03



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AZOXYSTAR®  
NET CONTENTS: 20 Litres

**Grosafe**

**HAZARD CLASSIFICATION:**

Acute inhalation toxicity Category 4, Specific target organ toxicity repeated Category 2, Hazardous to the aquatic environment chronic Category 2.

**WARNING:** Harmful if inhaled. May cause organ damage from repeated oral exposure at high doses.

**ENVIRONMENT:** Toxic to aquatic organisms 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. Avoid contamination of any water supply with chemical or empty container.

**PERSONAL PROTECTION:** Avoid breathing mist, vapours or spray. Use only outdoors or in well-ventilated area. When mixing wear a face mask or goggles, rubber gloves and overalls. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after use.

**STORAGE:** Store product in original container, tightly closed, in a cool, dry place. Keep out of reach of children, and away from foodstuffs. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing more than 1000 L are subject to requirements for signage, secondary containment and emergency response plans.

Shelf life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**SPILLS AND DISPOSAL:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain material and store in properly labelled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

**PRODUCT DISPOSAL:** If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

**CONTAINER DISPOSAL:** Triple rinse empty container and add rinseate to the spray tank. Recycle empty container through Agrecovery ( 0800 247 326: [www.agrecovery.co.nz](http://www.agrecovery.co.nz) ). Otherwise bury in a suitable land fill. Do not reuse for any purpose.

**SAFETY DATA SHEET:** A safety data sheet is available from Grosafe Chemicals Ltd.

Registered pursuant to the ACVM Act 1997, No P9090. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to HSNO Act 1996, Approval code HSR100559. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

**WARRANTY** This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

**Registered and distributed by:**

Grosafe Chemicals Ltd  
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Mt Maunganui 3116  
PO Box 14-450 Tauranga 3141  
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[www.grosafe.co.nz](http://www.grosafe.co.nz)

**Batch No:****Date of Manufacture:**

**FIRST AID:** If swallowed drink a glass of water but do not induce vomiting. Get advice if you feel unwell. If on skin wash with plenty of soap and water. If in eyes flush with plenty of water. If inhaled remove to fresh air and keep at rest in position comfortable for breathing. Get advice if person feels unwell. For advice call a doctor or the National Poisons Centre (0800 764 766).

**EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)**

**MANAGEMENT CONSIDERATIONS:** AZOXYSTAR® is a broad spectrum fungicide from the strobilurin group, with systemic, translaminar, protectant and anti-sporulant properties. It is best used as a preventive treatment during crop development.

AZOXYSTAR® also controls the late-season disease complex in cereals when applied from flag leaf emergence. AZOXYSTAR® enhances green leaf area retention and will provide up to six weeks disease control in cereals. Applications made to cereal crops over the flag-leaf to seed head emergence will provide significant green leaf area retention that can contribute to yield increases.

AZOXYSTAR® is not expected to harm beneficial insect species.

**Resistance Management:** To minimise the development of resistance restrict the use of AZOXYSTAR®, or any other strobilurin fungicide to two applications per season. Use only according to label directions. Avoid split/reduced rate applications. AZOXYSTAR® can be used in combination with approved unrelated fungicides to control wheat diseases. Refer to manufacturer's recommendations for rates of partner fungicides.

**Use Warning:** AZOXYSTAR® is seriously phytotoxic to some varieties of apple. Take extra care to avoid spray drift onto apples. Do not use sprayers used for AZOXYSTAR® in apple orchards.

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

**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:**

Wheat, Barley, Ryegrass seed crops – grain crops:	35 days
Wheat, Barley, Ryegrass seed crops – green feed/silage:	28 days
Maize:	56 days
Sweet Corn:	14 days
Peas (fresh or process, without pods):	14 days
Peas (for seed or dry animal feed):	35 days
Field tomatoes:	14 days
Onions:	35 days
Grapes:	14 days

**Rainfall:** Rain within 3 hours following treatment may reduce effectiveness.

**Compatibility:** May be tank mixed with a wide range of insecticides and fungicides. Add each product separately to the half filled spray tank. Comply with the label recommendations of the partner product.

**Mixing:** Shake the sealed container of AZOXYSTAR®. Add the measured quantity to the partly filled spray tank and top up with the required amount of water. Maintain agitation during filling and spraying. Do not leave spray mix in the tank over night.

**Application:** For ground sprayers for cereal, sweet corn or maize crops use at least 200 litres water per hectare. Use higher volumes in dense or advanced crops. For aerial application use at least 50 litres water per hectare. Consult your Grosafe representative for detailed information. Uniform coverage is essential. Spray adjuvants are not normally required.

**RECOMMENDATIONS FOR USE:**

CROPS	DISEASE	RATE	COMMENTS
Barley	Didymella Leaf Scorch, Leaf Rust, Net Blotch, Ovularia 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. Reinfection may require further treatment 4 - 6 weeks later. Where Scald infection is high tank mix with a fungicide from a different group that is approved for this disease.

CROPS	DISEASE	RATE	COMMENTS
<b>Wheat</b>	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. Reinfection may require further treatment 4 – 6 weeks later. Where Powdery Mildew infection is high tank mix with a fungicide from a different group that is approved for 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>Stemphyllium</i> )		Apply as a preventative spray after ear emergence: GS 57-69
<b>Ryegrass seed crops</b>	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. Reinfection may require further treatment. The treatment of Ryegrass seed cultivars is not expected to have adverse effects on endophyte levels in the harvested seed.
<b>Sweet Corn, Maize</b>	Rust ( <i>Puccinia sorghi</i> ), Northern Leaf Blight	1L/ha	<b>Not to be used on maize or sweetcorn intended for green feed or silage.</b> Apply as a preventative spray before tasselling when disease infection is most likely to occur. A second application may be required 14 days later if disease pressure continues. Apply no more than 2 sprays per season.
<b>Potatoes</b>	Black Scurf, Sliver Scurf * ( in furrow planting application ) * suppression only	10ml/100 metres of row	Apply at planting as an in furrow spray in 50 to 150 L water/ha. Direct the spray into the furrow as a 20 - 30 cm band just before the tuber is covered. Do not apply if conditions favour bacterial rot, which may be aggravated.
<b>Peas</b>	Asscochyta, Downey Mildew, Powdery Mildew	500ml/ha	<b>Not to be used on peas to be harvested in pods and consumed whole, e.g. snow peas, snap peas.</b> To ensure uniform coverage apply in a minimum of 200 litre water/ha for a crop in full canopy. The first application should be made as a protective spray at 5 <sup>th</sup> node to 1 <sup>st</sup> pod formation. A second spray 14 - 21 days later will be required if disease pressure remains high. The addition of a non-ionic surfactant is recommended at label rates, to improve coverage and adhesion. Increase spray pressure or use air assisted equipment to improve penetration of dense crops. Before spraying ensure the crop is free of stress. Application on established infection will not give reliable control.
<b>Grapes</b>	Powdery Mildew, Downey Mildew, Botrytis*	80ml/100L water	Apply no less than 800 ml/ha. Apply at 10 -14 day intervals, from early flowering to pre-harvest. Use the shorter spray interval during periods of severe disease pressure. *When <b>AZOXYSTAR</b> ® is applied in a seasonal spray programme it will provide control of botrytis additional to that of specific botryticides. It must not be used in place of specific botryticides at strategic timings.
<b>Onions</b>	Downey Mildew, Pink Rot ( <i>Phoma terrestris</i> )	500ml/ha	Apply in a minimum of 400 litres/ha. Apply as a protective spray at 7 day intervals from the 2 leaf growth stage or when conditions favour infection, but prior to diseases appearance. Add a non-ionic wetting agent at label rates. Increase spray pressure or use air assisted equipment to improve penetration of dense crops. <b>AZOXYSTAR</b> ® will contribute to the control of pink rot. Do not apply more than 4 times per season.
	Neck Rot( <i>Botrytis allii</i> )	500ml/ha	Apply at key times (flag leaf and pre-harvest) in 400 litres water/ha. Add a non-ionic wetting agent at label rates. Increase spray pressure or use air assisted equipment to improve penetration of dense crops. Do not apply more than 4 times per season.
<b>Field Tomatoes</b>	Early Blight, Late Blight, Black Mould	500ml/ha	Apply in a minimum of 500 litres water/ha. Apply as a protective spray at 10 -14 day intervals. Increase spray pressure or use air assisted equipment to improve penetration of dense crops. Do not add surfactants or crop oil.
<b>Turf</b>	Fairy Ring Fungi	1.2 - 2.4L /ha	Apply in 800 to 1600 litres of water/ha.