

WARNING

KEEP OUT OF REACH OF CHILDREN

The Syngenta logo is displayed in white text on a blue background. It consists of the word "syngenta" in a lowercase, sans-serif font, with a small leaf icon above the letter 'g'.

syngenta®

Active Ingredient:

AMISTAR contains 250 g/litre AZOXYSTROBIN in the form of a suspension concentrate.

GROUP	11	FUNGICIDE
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For the control of a wide range of diseases in Barley, Grapes, Maize, Onions, Peas, Potatoes, Ryegrass seed crops, Sweet Corn, field Tomatoes and Wheat.

Net contents: 5, 20 litres

Registered pursuant to the ACVM Act 1997 No. P4840.

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval Code HSR000655.

Syngenta Crop Protection Limited

Tower 2, Level 7, 110 Symonds Street, Auckland

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PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.



HSNO classifications: 6.1D, 6.4A, 9.1B

WARNING

May be harmful if swallowed or inhaled.
Causes eye irritation.
Toxic to aquatic life with long lasting effects.

PRECAUTIONS

Store in original container, tightly closed, away from foodstuffs.
When mixing or applying, wear protective clothing including cotton overalls, protective gloves and face-shield.
Avoid breathing spray.
Avoid contact with the eyes.
Wash splashes of concentrate from eyes or skin immediately.
DO NOT eat, drink or smoke while using.
Wash hands and face before eating, drinking or smoking and after work.
Apply with well-maintained and calibrated spray equipment.
Wash protective clothing after use.
Remove protective clothing and wash hands and face thoroughly before meals and after using.
Application and storage should be as described in the Management of Agrichemicals NZS8409.
DO NOT carry on a passenger service vehicle.
Avoid contamination of any water supply with chemical or empty container. The substance must not be applied onto or into water.

Container Disposal: Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle punctured container without caps through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

Product Disposal: Disposal of this product only by using according to the label, or at an approved landfill or other approved facility.

FIRST AID

If SWALLOWED, DO NOT induce vomiting. Rinse Mouth. Call a POISON CENTER or doctor if you feel unwell.
If SKIN or HAIR contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin.
If in EYES, wash out immediately with water. 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.
If INHALED, move the victim to fresh air and keep at rest in a position comfortable for breathing. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention. Take to hospital without delay.
For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. If medical advice is needed, have product container or label at hand.

SPILLAGE

Collect spillage. Wear suitable protective clothing including face shield, impervious gloves and boots. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of safely.

GENERAL INFORMATION

AMISTAR is a broad spectrum fungicide from the strobilurin, or QoI group with systemic, translaminar, protectant and anti sporulant properties. AMISTAR is best used as a preventative treatment during mid-crop development. AMISTAR also controls the late season disease complex in cereals when applied from flag leaf emergence. AMISTAR 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 head emergence growth stages will provide significant green leaf area retention that can contribute to yield increases. AMISTAR should not affect beneficial species including Parasitic Wasps, Hover Flies, Lacewings and Honeybees.

RESISTANCE MANAGEMENT

GROUP	11	FUNGICIDE
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AMISTAR Fungicide contains a member of the strobilurin, or Quinone outside Inhibitors (QoI), group of fungicides. AMISTAR is a Group 11 fungicide. Resistance to this fungicide could develop from repeated use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Crop Protection Ltd accepts no liability for any losses that may result from the failure of AMISTAR to control resistant fungi. Consult your local supplier, consultant, a Syngenta representative or New Zealand Plant Protection Society (Inc), www.resistance.nzpps.org for alternate modes of action and the details of resistance management strategies for the crops listed on the label.

Cereals

Apply AMISTAR in mixture with other approved, non-cross resistant, fungicides to control cereal pathogens. Refer to manufacturers' recommendations for rates of partner fungicides. Apply AMISTAR preventatively or as early as possible in the disease cycle. DO NOT rely only on the curative potential of AMISTAR. Split/reduced rate programs, using repeated applications, which provide continuous selection pressure, MUST NOT be used.

Grapes

Apply a maximum of 3 applications of AMISTAR or a related strobilurin product to the crop in 1 season.

Potatoes and field Tomatoes

Foliar applications of AMISTAR or related strobilurin products should not exceed one third of the total fungicide applications made to the crop in 1 season.

USE WARNING

AMISTAR is extremely phytotoxic to certain varieties of apple. AMISTAR cannot be used in any manner that could result in spray drift reaching apple trees. Sprayers used for AMISTAR applications cannot be used to spray apples nor cause drift onto apples even after normal decontamination procedures have been followed.

DIRECTIONS FOR USE**It is an offence to use this product on animals**

Crop	Disease	Rate	Critical Comments
Barley	Didymella Leaf Scorch, Leaf Rust, Net Blotch (spot and net form), Ovularia Leaf Spot, Scald, Spot Blotch	750 mL/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 AMISTAR 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.
Grapes	Powdery Mildew, Downy Mildew, Botrytis*	80 mL/100 litres of water as a dilute spray	Apply at 10 to 14 day intervals from early flowering to pre-harvest. Use the shorter spray intervals during periods of severe disease pressure. *When AMISTAR is used in a seasonal spray program it will provide control of Botrytis additional to that of specific botryticides such as Switch®. AMISTAR MUST NOT be used instead of specific botryticides at strategic timings.
Onions	Downy Mildew, Pink Root	500 mL/ha	Apply in a minimum of 400 litres of water/ha for a crop in full canopy to ensure uniform coverage. Apply as a protective spray at 7 day intervals from the 2 leaf growth stage or when conditions favour disease infection but prior to disease development. Add a surfactant 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. AMISTAR will contribute to the control of Pink Root (<i>Phoma terrestris</i>). DO NOT apply more than 4 applications of AMISTAR per season.
	Neck rot (<i>Botrytis allii</i>)		AMISTAR 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 at manufacturer's label rates. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. DO NOT apply more than 4 applications of AMISTAR per season.

Crop	Disease	Rate	Critical Comments
<p>Peas (NOT for use on Peas to be harvested in pods and consumed whole, eg Snow Peas and Snap Peas)</p>	<p>Ascochyta, Downy Mildew, Powdery Mildew</p>	<p>500 mL/ha</p>	<p>Apply in a minimum of 200 litres of 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 to 21 days later is required if disease pressure remains high. The addition of a surfactant 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 AMISTAR 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. Note: See Withholding Period section for information on the appropriate withholding period.</p>
<p>Ryegrass seed crops</p>	<p>Crown Rust (Leaf Rust) Stem Rust</p>	<p>750 mL/ha</p>	<p>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 had any adverse effects on the endophyte levels in the harvested seed.</p>
<p>Potatoes in-furrow planting application</p>	<p>Black scurf, Silver scurf^Δ</p>	<p>10 mL/100 m of row</p>	<p>Apply at planting as an in-furrow spray in 50 to 150 L water/ha. Direct the spray into the furrow just before the tuber is covered with soil as a 15 to 30 cm band ensuring the tuber and immediate surrounding soil is sprayed.</p> <p>DO NOT apply AMISTAR if conditions or seed quality favour bacterial rots as these diseases may be aggravated if seed comes into contact with additional moisture.</p> <p>DO NOT apply AMISTAR if planting in hot, sandy soils as bacterial rots may be aggravated.</p> <p>^Δ suppression only</p>
<p>Potatoes</p>	<p>Early Blight, Late Blight*</p>	<p>500 mL/ha</p>	<p>Apply in a minimum of 500 litres of water/ha for a crop in full canopy to ensure uniform coverage. Apply as a protective spray at 7 to 10 day intervals during periods of active growth. Intervals can be increased to 10 to 14 days later in the season as haulm growth ceases. Always use the closer intervals during periods of severe disease pressure. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops.</p> <p>* Under climatic conditions which create severe Late Blight disease pressure, either tank mix AMISTAR with 1 kg/ha mancozeb (80%) or alternately, apply 1 or 2 sprays of a systemic/protectant fungicide such as Ridomil® Gold MZ WG, then revert to the use of AMISTAR.</p>

Crop	Disease	Rate	Critical Comments
Sweet Corn, Maize	Rust (<i>Puccinia sorghi</i>), Northern Leaf Blight (<i>Setosphaeria turcica</i>)	1 L/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.
Tomatoes (field)	Early Blight, Late Blight, Black Mould / Anthracnose	500 mL/ha	Apply in a minimum of 500 litres water/ha for a crop in full canopy to ensure uniform coverage. Apply as a protective spray at 10 to 14 day intervals. 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.
Wheat	Leaf Rust, Powdery Mildew, Speckled Leaf Blotch, Stripe Rust	750 mL/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 AMISTAR 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 preventive 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.

MIXING

Half fill the spray tank with clean water and start agitation. Shake the closed AMISTAR container. Whilst filling the remainder of the spray tank add the required amount of AMISTAR, adding any tank mix products last. Maintain agitation until spraying is complete. DO NOT leave the spray mix in the sprayer overnight.

APPLICATION

Use at least 200 litres/ha of water by ground. Use higher water volumes in dense or advanced crops. Use not less than 50 litres/ha for aerial application. As there are many factors involved in aerial application, for optimum results, contact your local Syngenta Crop Protection representative for detailed information.

Uniform coverage is essential for best results. Wetting agent additives are not normally required when using AMISTAR.

Application in vine crops

The application rate is for high volume spraying to the point of runoff. For concentrate spraying, adjust dilution rate accordingly. It is essential that good coverage is achieved.

Set up and operate the sprayer to achieve even coverage throughout the crop canopy, applying sufficient water to cover the crop to just prior to the point of runoff. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed as the crop grows.

COMPATIBILITY

AMISTAR is compatible with most commonly used insecticides and fungicides. Before using any tank mixture, consult and comply with the recommendations of the partner product. Each product should be added separately to the bulk of the water in the spray tank whilst filling and agitator working.

WITHHOLDING PERIODS

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

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
DO NOT use on Maize or Sweetcorn intended for green feed or silage	
Grapes	14 days
Onions	35 days
Peas (garden without pods / process without pods)	14 days
Dry Seed Peas and Dry Animal Feed Peas.....	35 days
Pea/hay silage	14 days
Potatoes	14 days
Tomatoes (field)	14 days

STORAGE

See safety data sheet for additional storage information. Stores containing quantities of 1000 litres or more require signage and secondary containment.

SAFETY DATA SHEET

If additional hazard or safety information is required, refer to Safety Data Sheet. For a copy visit our website at www.syngenta.co.nz

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company



Registered to and distributed by Syngenta Crop Protection Limited, Tower 2, Level 7, 110 Symonds Street, Auckland.

Bar code

Batch No.	
Date of Manufacture	

AGRECOVERY LOGO

UN 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(azoxystrobin) MARINE POLLUTANT
PACKING GROUP III, HAZCHEM 2X
CONTAIN SPILLAGE



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