

WARNING | TOXIC ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

Eradicata™
Fungicides

Performa Azoxystrobin 250 SC

Active Ingredient: 250g/litre azoxystrobin
in the form of a suspension concentrate.

STICKER

GROUP 2 FUNGICIDE

Performa™
Crop Protection

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



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Registered pursuant to the ACVM Act 1997, No. P10494
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, No. HSR100559
See www.epa.govt.nz for approval controls.

Batch No:

Date of Manufacture:

Net Contents:

10 Litres

READ LABEL COMPLETELY BEFORE OPENING AND USING PRODUCT

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



HAZARD STATEMENTS

WARNING: Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure.

ECOTOXIC: Toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with chemical or empty container. 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 uncontrolled release to the environment. Collect spillage.

PRECAUTIONS

PROTECTIVE EQUIPMENT: Avoid contact with eyes and skin. Do not breathe mist or spray. Use only outdoors or in a well-ventilated area. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

STORAGE: Keep out of reach of children. Store in accordance with NZS 8409 Management of Agrichemicals. Store in the original tightly closed container in a secure area. When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this. Stores containing 1000 L of Perma Azoxystrobin 250 SC are subject to secondary containment signage. More than 1000 L require emergency response plans.

DISPOSAL: Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or packaging. Spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur. Do not use or flush equipment near to desirable plants or their roots. Do not use the same equipment to apply other chemicals to susceptible crops unless thoroughly cleaned and decontaminated.

MANUFACTURED FOR
WHOLESALE SEEDS LTD BY:

Arable AG Limited, 5 Arther Smith Drive,
Cracroft Christchurch 8022
chris@arableag.co.nz

First Aid: If swallowed, do NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Call a POISON CENTER or doctor/physician if you feel unwell. If splashed in eyes, wash out immediately with water. IF inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. If medical advice is needed, have product container or label at hand.

Emergency Response: In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622) (24 hrs).

Spillage: Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in waste container. Wash area with water and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet: Additional information is provided in the safety data sheet which is available from the distributor.

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.

GENERAL INFORMATION

It is an offence to use this product on animals.

PERFORMA AZOXYSTROBIN 250 SC is a broad spectrum fungicide from the strobilurin group with systemic, translaminar, protectant and anti sporulant properties. PERFORMA AZOXYSTROBIN 250 SC is best used as a preventive treatment during mid-crop development. PERFORMA AZOXYSTROBIN 250 SC also controls the late season disease complex in cereals when applied from flag leaf emergence. PERFORMA AZOXYSTROBIN 250 SC enhances green leaf area retention and will provide up to 6 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. PERFORMA AZOXYSTROBIN 250 SC should not affect beneficial species including parasitic wasps, hover flies, lacewings and honeybees.

USE WARNING: PERFORMA AZOXYSTROBIN 250 SC is extremely toxic to certain apple cultivars. PERFORMA AZOXYSTROBIN 250 SC must not be used in any manner that could result in spray drift reaching apple trees. Sprayers used to apply PERFORMA AZOXYSTROBIN 250 SC cannot be used to spray apple trees nor cause drift onto apples even after normal decontamination procedures have been followed. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

APPLICATION:

Use the following water rates, unless stated otherwise in the Directions for Use.

Ground: Use a minimum of 200L of water per hectare.

Aerial: Use a minimum of 50L of water per hectare. Use higher water rates in dense or advanced crops especially under dry weather conditions. Uniform coverage is essential for best results. Wetting agents are not normally required when using PERFORMA AZOXYSTROBIN 250 SC, except where specified in the Directions for Use.

MIXING: Shake the closed PERFORMA AZOXYSTROBIN 250 SC container well before use. Larger containers should be rolled or an air wand may be used to ensure thorough mixing before use. Add the required quantity of PERFORMA AZOXYSTROBIN 250 SC to spray tank partly filled with water and maintain agitation throughout filling and spraying or restarting after a stoppage. Add any tank mix products last. Do not leave the spray mix in the sprayer overnight.

COMPATIBILITY: PERFORMA AZOXYSTROBIN 250 SC can be tank mixed with most commonly used fungicides and insecticides. Observe the use directions on the label of mixture partners before applying. Each product should be added separately to the bulk of the water in the spray tank while filling while maintaining agitation.

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

WITHHOLDING PERIODS:

- Wheat, barley ryegrass seed crops – grain crops: 35 days
- Wheat barley, ryegrass seed crops – greenfeed/silage: 28 days
- Maize: 56 days | Sweetcorn: 14 days
- Do not use on maize or sweetcorn intended for greenfeed or silage
- Grapes: 14 days
- Onions: 35 days
- Potatoes: 14 days
- Peas – garden without pods/process without pods: 14 days
- Dry seed peas and dry animal feed peas: 35 days
- Tomatoes (field): 14 days

Leaf plucking in vineyards: Sheep must not be sent for slaughter or milked for 6 months after being removed from the vineyard (and placed on clean feed).

RESISTANCE MANAGEMENT:

GROUP 2 FUNGICIDE

PERFORMA AZOXYSTROBIN 250 SC contains a fungicide from the QoI (quinine outside inhibitors) mode of action GROUP 11 FUNGICIDE. 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 PERFORMA AZOXYSTROBIN 250 SC or any other QoI fungicide per crop per season, unless stated otherwise in the Directions for Use. Where recommended, apply PERFORMA AZOXYSTROBIN 250 SC in a tank mixture with a suitable fungicide from a different mode of action at the label recommended rate.

DIRECTIONS FOR USE:

CROP	DISEASE	RATE	CRITICAL COMMENTS
Barley	Didymella leaf scorch, leaf rust, net blotch (spot and net form), ovalaria leaf spot, scald, spot blotch	750 ml/ha	Apply as a preventive spray. If disease is present, or conditions prior to application have been favourable for disease infection the addition of an approved triazole fungicide, such as Fortify, is recommended. Re-infection may require further treatment 4–6 weeks later. Where scald infection pressure is high, it is recommended to apply PERFORMA AZOXYSTROBIN 250 SC with a fungicide from a different chemical group that is approved for use on this disease.
	Late season head disease complex (Alternaria, Cladosporium, Microdochium nivale, Stemphylium)		Apply as a preventive spray after ear emergence; Zadocks GS57–69.
Wheat	Leaf rust, powdery mildew, s;peckled leaf blotch, stripe rust	750 ml/ha	Apply as a preventive spray. If disease is present or conditions prior to application have been favourable for disease infection the addition of an approved triazole fungicide, such as Fortify, is recommended. Re-infection may require further treatment 4–6 weeks later. Where powdery mildew infection pressure is high, it is recommended to apply PERFORMA AZOXYSTROBIN 250 SC 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 preventive from flag leaf emergence; Zadocks GS 39

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CROP	DISEASE	RATE	CRITICAL COMMENTS
Wheat cont.	Glume blotch	750 ml/ha	For protection of the flag leaf, apply as a preventive spray from flag leaf emergence; Zadocks GS 39–55. For protection of the seed head apply after ear emergence, Zadocks GS 57–69.
	Late season head disease complex (Alternaria, Cladosporium, Microdochium nivale, Stemphylium)		Apply as a preventive spray after ear emergence; Zadocks GS 57–69.
Ryegrass seed crops	Crown rust (leaf rust), Stem rust	750 ml/ha	Apply as a preventive spray. If disease is present or conditions prior to application have been favourable for disease infection the addition of an approved triazole fungicide, such as Fortify, 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.
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	500 ml/ha	Apply in a minimum of 200L of water/ ha for a crop in full canopy to ensure uniform coverage. The first application should be made as a preventive spray at the 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, such as Widespread 1000, at recommended label rates will assist spray coverage and spray distribution. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliate crops. Before applying PERFORMA AZOXYSTROBIN 250 SC, ensure the crop is free from 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 the appropriate withholding period.
Onions	Downy mildew, suppression of pink rot (Phoma terrestris)	500 ml/ha	Apply in a minimum of 400L of water/ha for a crop in full canopy to ensure uniform coverage. Apply as a preventive 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, such as Widespread 1000, 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. DO NOT apply more than 4 applications of PERFORMA AZOXYSTROBIN 250 SC per season.
	Neck rot (Botrytis alli)		PERFORMA AZOXYSTROBIN 250 SC can be applied at key timings for neck rot control ie 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 Widespread 1000 at manufacturers 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 PERFORMA AZOXYSTROBIN 250 SC per season.
Potatoes	Early blight Late blight*	500 ml/ha	Apply in a minimum of 500L water/ha for a crop in full canopy to ensure uniform coverage. Apply as a preventive 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. *Under climatic conditions which create severe Late Blight disease pressure, tank mix PERFORMA AZOXYSTROBIN 250 SC with 1kg/ha mancozeb (80%) or alternatively apply 1 or 2 sprays of a systemic/protectant fungicide then revert to use of PERFORMA AZOXYSTROBIN 250 SC. DO NOT use PERFORMA AZOXYSTROBIN 250 SC or a related strobilurin product for more than one-third of the total fungicide applications made to the crop in 1 season.

CROP	DISEASE	RATE	CRITICAL COMMENTS
Potatoes "infurrow" planting application	Black scurf, silver scurf*	10ml/ 100m of row	Apply at planting as an "in-furrow" spray in 50-150L of water/ha. Direct the spray into the furrow just before the tuber is covered with soil as a 15–30cm band ensuring the tuber and immediate surrounding soil is sprayed. DO NOT apply PERFORMA AZOXYSTROBIN 250 SC if conditions or seed quality favour bacterial rot as these diseases may be aggravated if seed comes into contact with additional moisture. Do not apply PERFORMA AZOXYSTROBIN 250 SC if planting in hot, sandy soils as bacterial rots may be aggravated. *suppression only.
Maize sweetcorn	Rust (Puccinia sorghi) northern leaf blight (Setosphaeria turcica)	1L/ha	Apply as a preventive spray especially before but no later than tasseling 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.
Grapes	Powdery mildew, downy mildew, botrytis*	80ml/ 100L of water and apply to point of run-off.	Apply a maximum of 3 applications of PERFORMA AZOXYSTROBIN 250 SC or a related strobilurin product to the crop in 1 season. The rates recommended are for high volume spraying. For low volume concentrate spraying, adjust dilution rates accordingly. 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 PERFORMA AZOXYSTROBIN 250 SC is used in a seasonal spray program it will provide control of Botrytis additional to that of specific botryticides. PERFORMA AZOXYSTROBIN 250 SC MUST NOT be used instead of specific botryticides at strategic timings.
Tomatoes (field)	Early blight, late blight, black mould	500 ml/ha	Apply in a minimum of 500L of water/ha for a crop in full canopy to ensure uniform coverage. Apply as a preventive spray at 10 to 14 day intervals. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crop. DO NOT apply to field tomatoes with a surfactant or crop oil concentrate. DO NOT use PERFORMA AZOXYSTROBIN 250 SC or a related strobilurin product for more than one-third of the total fungicide applications made to the crop in 1 season.
Turf	For resistance management, the total number of PERFORMA AZOXYSTROBIN 250 SC applications must not exceed one-third of the total number of fungicide applications, up to a maximum of 4 applications. NEVER apply more than 2 sequential applications. Use fungicides with different modes of action at other times. Best results will be achieved when PERFORMA AZOXYSTROBIN 250 SC is applied as a preventive treatment or at the very earliest stages of infection. Dollar spot is not controlled and can be encouraged when PERFORMA AZOXYSTROBIN 250 SC is applied alone in periods when dollar spot is active. For control of dollar spot use an alternative fungicide such as one containing chlorothalonil.		
	Anthracnose, brown patch, fusarium patch, leaf spot/melting out, rust diseases, red thread	1-2L/ha for spot spraying	Apply when conditions are favourable for disease.
	Fairy ring fungi		Apply in 800–1600L of water/ha to achieve penetration onto the soil. The addition of a nonionic surfactant, such as Widespread 1000, at label rates will assist.
	Take all (Gaeumannomyces graminis)		Apply as a preventive treatment at the high rate. Begin application when conditions are favourable for disease infection prior to disease symptom development. Make 2 applications 14 to 21 days apart. Utilise management practices which encourage healthy turf and reduce turf stress.