

**HARMFUL, ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**

**Salute<sup>®</sup>**

## **FUNGICIDE**

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

**For disease control in wheat, barley, ryegrass seed crops, peas, potatoes, field tomatoes, onions, maize, sweetcorn, grapes and turf**

**PLEASE READ THE ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE**

**HAZARD CLASSIFICATION; 6.1D, 6.3B, 6.4A, 6.9B, 9.1B**

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

**WARNING:** May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation. Avoid contact with skin and eyes. May cause organ damage from repeated oral exposure at high doses.

**FIRST AID:** If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

**PERSONAL PROTECTION:** Avoid skin and eye contact and inhalation of spray mist. When mixing or applying wear waterproof gloves, eye protection, boots and overalls. DO NOT eat, drink or smoke while using. Wash splashes of concentrate from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

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

**STORAGE:** Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.

**DISPOSAL:** Triple rinse empty container and add rinsate to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in a suitable landfill. Dispose of product only by using according to this label, or at an approved disposal facility.

**SPILLAGE:** Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

**SAFETY DATA SHEET:** Additional information is listed in the SDS available from Lonza NZ Limited or www.lonza.co.nz

**Approved pursuant to the HSN0 Act 1996,** No: HSR100546. See www.epa.govt.nz for approval conditions.

**Registered pursuant to the ACVM Act 1997,** No: P008417. See www.foodsafety.govt.nz for registration conditions.

**GENERAL INFORMATION:** Salute is a broad spectrum fungicide from the strobilurin group with systemic, translaminar, protectant and anti-sporulant properties. Salute is best used as a preventative treatment before severe disease development. Salute will provide significant green leaf area retention in crops such as cereals and potatoes that can contribute to yield increases.

**MIXING:** Pour the correct amount of Salute into the partly filled tank, and while agitating add the remainder of the water. Maintain agitation during spraying and any stoppages. Only mix sufficient spray for immediate use. DO NOT leave the spray mix in the sprayer overnight.

**COMPATIBILITY:** Salute is compatible with most commonly used fungicides and insecticides in tank mixture. Refer to the tank mixture product labels for further instructions. Each product should be added separately to the bulk of the water in the spray tank while filling with the agitator working.

**ADJUVANTS:** Salute contains surface active agents and additional surfactant is not normally required except when specified under certain crops in the directions for use tables (onions, peas and certain turf uses).

**APPLICATION:** Salute can be applied through all conventional ground rig equipment or by air on suitable arable crops. Select a water rate that will achieve uniform coverage of all foliage and follow the crop specific guidelines in the directions for use tables.

**INTEGRATED PEST MANAGEMENT:** Salute has no known effects on beneficial species such as parasitic wasps, hover flies, lacewings and honeybees.

**RESISTANCE MANAGEMENT:** **GROUP 11 FUNGICIDE** Salute is a QoI (quinone outside inhibitor) mode of action fungicide. Disease control may be reduced if strains of pathogens less sensitive to Salute and related strobilurin products develop. To minimise this risk use strictly in accordance with the label instructions. Pay particular attention to the maximum number of applications, alternation and tank mixture recommendations for specific diseases. If 2 to 3 consecutive applications of Salute or a related strobilurin product are used they must be followed by at least 2 applications of a fungicide from a different mode of action group before Salute or a related strobilurin product is used again. If the final application is Salute or a related strobilurin product, then a fungicide from a different group should be used as the first application in the following season. Apply Salute preventatively or as early as possible in the disease cycle. DO NOT rely on the curative potential of Salute. Split/reduced rate programs, using repeat applications, which provides continuous selection pressure MUST NOT be used.

**USE WARNING – APPLES:** Salute is extremely phytotoxic to certain varieties of apples. Salute can not be used in any manner that could result in spray drift reaching apple trees. Sprayers used for Salute applications cannot be used to spray apples nor cause drift onto apples even after normal decontamination procedures have been followed.

**NOTICE TO BUYER:** The manufacturer and vendors of Salute warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

**IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS**

**DIRECTIONS FOR USE: Cereal, Maize, Sweetcorn and Ryegrass Seed Crops**

Apply Salute in at least 200 litres water per ha by ground but use higher water volumes in dense or advanced crops. Use at least 50 litres water per ha for aerial applications.

CROP	RATE /HA	DISEASE	CRITICAL COMMENTS
Wheat	750 ml	Leaf rust, powdery mildew, speckled leaf blotch, stripe rust	Apply as a preventative spray. If disease is present, or conditions prior to application have been favourable for disease infection tank mix with an approved triazole fungicide. Re-infection may require further treatment 4 to 6 weeks later. Where powdery mildew infection pressure is high apply Salute in a tank mix with a fungicide from a different chemical group that is approved for use on this disease.
		Didymella leaf scorch Glume blotch	Apply as a preventative spray from GS 39 (flag leaf emerged).
		Late season head disease complex ( <i>Alternaria</i> spp., <i>Cladosporium</i> spp., <i>Microdochium nivale</i> , <i>Stemphylium</i> spp.)	Apply as a preventative spray. To protect the flag leaf apply from GS 39 (flag leaf emerged) to GS 55 (ear 50% emerged). To protect the seed head apply from GS 57 (ear emerged) to GS 69 (end of flowering).
Barley	750 ml	Didymella leaf scorch, leaf rust, net blotch (spot and net forms), ramularia leaf spot, scald, spot blotch	Apply as a preventative spray. If disease is present, or conditions prior to application have been favourable for disease infection tank mix with an approved triazole fungicide. Re-infection may require further treatment 4 to 6 weeks later. Where scald infection pressure is high apply Salute 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> spp., <i>Cladosporium</i> spp., <i>Microdochium nivale</i> , <i>Stemphylium</i> spp.)	Apply as a preventative spray from GS 57 (ear emerged) to GS 69 (end of flowering).
Maize and Sweetcorn	1 litre	Rust ( <i>Puccinia sorghi</i> ), northern leaf blight ( <i>Setosphaeria turcica</i> )	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.
Ryegrass seed crops	750 ml	Crown rust (leaf rust), stem rust	Apply as a preventative spray. If disease is present, or conditions prior to application have been favourable for disease infection tank mix an approved triazole fungicide. 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.

**DIRECTIONS FOR USE: Vegetables**

CROP	RATE	DISEASE	CRITICAL COMMENTS
Potatoes (in furrow at planting)	10 ml per 100 m of crop row	Black scurf ( <i>Rhizoctonia solani</i> ), suppression of silver scurf ( <i>Helminthosporium solani</i> ).	Apply at planting as an in-furrow spray in 50 to 150 litres 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. Do not apply Salute if conditions or seed quality favour bacterial rots as these diseases may be aggravated if seed comes into contact with additional moisture. DO NOT apply Salute if planting in hot sandy soils as bacterial rots may be aggravated.
Potatoes (foliar diseases)	500 ml/ha	Early blight (target spot), Late blight (Irish blight)*	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. *Under climatic conditions which create severe late blight disease pressure, either tank mix Salute with 1 kg/ha mancozeb (80%) or alternately, apply 1 or 2 sprays of a systemic/protectant fungicide, then revert to the use of Salute. DO NOT use Salute or related strobilurin products for more than one third of the total seasonal sprays.
Field tomatoes	500 ml/ha	Early blight, late blight, black mould	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 with a surfactant or crop oil concentrate.
Onions	500 ml/ha	Downy mildew, suppression of pink rot ( <i>Phoma terrestris</i> ).	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. DO NOT apply more than 4 applications of Salute per season.
		Neck rot ( <i>Botrytis allii</i> )	Salute 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 Salute per season.
Peas (NOT for use on peas to be harvested in pods and consumed whole, eg snow peas and snap peas).	500 ml/ha	Ascochyta, downy mildew, powdery mildew	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 5 <sup>th</sup> 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 Salute 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.

**DIRECTIONS FOR USE: Grapes**

For resistance management apply a maximum of 3 applications of Salute 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.

RATE	DISEASE	CRITICAL COMMENTS
80 ml/100 litres of water. Apply not less than 800 ml/ha	Powdery mildew and downy mildew	Apply at 10 to 14 day intervals from early flowering to pre-harvest. Use the shorter spray intervals during periods of severe disease pressure.
	Botrytis	When Salute is used in a seasonal spray program it will provide control of botrytis additional to that of specific fungicides such as Pinnacle™. Salute MUST NOT be used instead of specific botryticides at strategic timings.

**DIRECTIONS FOR USE: Turf**

For resistance management the total number of Salute applications applied per annum must not exceed a 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, for example Taratek 5F™, Protek™, Defence 500™ and Prostar™. Best results will be achieved when Salute is applied as a preventative treatment or at the very earliest stages of disease symptom expression. Dollar spot is not controlled and can be encouraged when Salute is applied alone in periods when dollar spot is active. Use alternative fungicides such as Taratek 5F.

RATE	DISEASE	CRITICAL COMMENTS
1 to 2 litres/ha 1 to 2 ml/litre for spot spraying	Anthracoese, brown patch, fusarium patch, leaf spot / melting out, rust diseases, red thread.	Apply when conditions are favourable for disease development.
	Fairy Ring	Apply in 800 to 1600 litres/ha to achieve penetration onto the soil. The addition of a non-ionic surfactant at label rates will assist with control.
	Take All Patch ( <i>Gaeumannomyces graminis</i> )	Apply as a preventative 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.

**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 and ryegrass seed crops grown for grain or seed:	35 days.
Wheat, barley and ryegrass seed crops grown for green feed or silage:	28 days.
Peas grown for process or fresh without pods:	14 days.
Peas grown for seed or dry animal feed:	35 days.
Pea hay and silage.	14 days.
Potatoes:	14 days.
Field tomatoes:	14 days.
Onions:	35 days.
Maize:	56 days.
Sweetcorn (not for green feed or silage):	14 days.
Grapes:	14 days.
Turf:	No restriction.

**REGISTERED TO:** Lonza NZ Limited, Hudson Rd, New Plymouth, New Zealand.

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**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 6225**