

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Metropol® SC

AGRICULTURAL FUNGICIDE

ACTIVE CONSTITUENT: 200 g/L AZOXYSTROBIN 125 g/L FLUTRIAFOL

GROUP **3 | 11** FUNGICIDE

Controls certain fungal diseases in wheat and barley as specified in the Directions for Use.

RESTRAINTS (apply to all use patterns)

DO NOT apply more than 2 applications of Metropol (or any other strobilurin or Group 3 fungicide) in any one season on the same paddock.

DO NOT exceed a combined total of 800 mL/ha of Metropol in any one season on the same paddock.

SPRAY DRIFT RESTRAINTS

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the British Crop Production Council guideline.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site. Users of this product **MUST** make an accurate written record of the details

of each spray application within 24 hours following application, and must **KEEP** this record for at least 2 years. The spray application details that must be recorded are: 1 date with start and finish times of application 2 location address and paddock(s) sprayed 3 full name of this product 4 amount of product used per hectare and number of hectares applied to 5 crop or situation and weed or pest 6 wind speed and direction during application 7 air temperature and relative humidity during application 8 nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application 9 name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 5 metres (for ground application) or 50 metres (for aerial application) downwind from the application area.

DIRECTIONS FOR USE

CROP	DISEASE	RATE PER ha	WHP	CRITICAL COMMENTS
Wheat	Stripe rust (<i>Puccinia striiformis</i>)	400 mL to 800 mL	7 weeks Harvest or Grazing	Spray at the first sign of the disease and before 10 to 20% of leaves are infected. Use the higher specified rate under high disease pressure or when longer residual protection is required. Use a single application at the higher rate or two applications 3 – 4 weeks apart at the low rate.
	Leaf rust (<i>Puccinia triticina</i>)			Apply after flag leaf is 70% emerged and before disease levels reach 1% of flag leaf area. Consider control if disease is greater than 5-10% on any lower leaf layer. Use the higher specified rate under high disease pressure or when longer residual protection is required. Use a single application at the higher rate or two applications 3 – 4 weeks apart at the low rate. Ensure thorough coverage.
	Septoria tritici blotch (<i>M. graminicola</i>)			Apply after flag leaves have begun to emerge and before disease reaches 1% of flag leaf area. The high rate of application gives a longer period of protection than the low rate. In crops with high yield potential, and where conditions favourable to severe disease persist during flowering, use a single application at the higher rate or two applications 3 – 4 weeks apart at the low rate.
	Yellow leaf spot (<i>Pyrenophora tritici-repentis</i>)			Apply once between 70% flag leaf emergence and early flowering. Use the higher specified rate under high disease pressure or when longer residual protection is required.
	Powdery mildew (<i>Blumeria graminis</i> f. sp. <i>triticii</i>)			Apply when powdery mildew first appears during the tillering stage. Use a single application at the higher rate or two applications 3 – 4 weeks apart at the low rate. Ensure thorough coverage of stems and leaves. The high rate of application gives a longer period of protection than the low rate.
Barley	Net blotch spot form (<i>Pyrenophora teres</i> f. <i>maculata</i>)	800 mL	10 weeks Harvest or Grazing	Apply once from jointing (Z30) and before infection averages 10% on the flag-2 leaf. Ensure thorough coverage of stems and leaves.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS:

Harvest:

Wheat: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION.

Barley: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION.

Grazing:

Wheat: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 WEEKS AFTER APPLICATION.

Barley: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 10 WEEKS AFTER APPLICATION.

EXPORT OF TREATED PRODUCE

While Maximum Residue Limits (MRLs) have been set in many major export destinations, it should be noted that MRLs or import tolerances may not be established in all export destinations. For further information regarding export tolerances please contact your export organisation or Hanseandina Australia Pty Ltd representative.

GENERAL INSTRUCTIONS

MIXING

Half-fill the spray tank with clean water and start agitation. Shake the closed Metropol SC container. Whilst filling the remainder of the spray tank add the required amount of Metropol SC, adding any tank mix products last. Maintain agitation until spraying is complete.

DO NOT leave the spray mix in the sprayer overnight.

Growing conditions

In general Metropol should be applied under good growing conditions with adequate soil moisture. Metropol should not be applied to crops that are under stress due to very dry, very wet, frosty conditions, nutrient deficiency or high insect pressure, as this may give less than reliable results.

Spray timing

Always inspect crops to assess disease development immediately before spraying.

Best results will be achieved from applications made in the earliest stages of disease development or as a protectant treatment following a disease risk assessment. Applications should be made within the crop growth stage range from tillering to early flowering (Z26 to Z62). The object of spraying is to keep the upper 2 to 3 leaves green and functioning through the grain filling stage.

APPLICATION

May be applied by boom spray or aircraft. Ensure that all leaves and stems are completely covered.

Ground (Boom) Application

Apply in 50 – 100 L water per hectare. The use of flat fan nozzles is recommended using a medium quality spray pattern, with pressures in the range 100 to 400 kPa.

Aerial Application

Apply using 20 to 30 L water using a medium quality spray. Use the lower rate when applications are made with a cross wind of not less than 5 knots. Use the higher specified rates when applying to dense crops.

FUNGICIDE RESISTANCE WARNING

GROUP **3/11** FUNGICIDE

Metropol SC Agricultural Fungicide is a combination of a DMI and a Quinone outside inhibitors (Qols) group of fungicides. For fungicide resistance management the product is both a Group 3 and a Group 11 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 3 and/or Group 11 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group 3 and/or Group 11 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Hanseandina Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

PRECAUTIONS

Re-entry Period:

DO NOT allow entry into treated areas until spray has dried. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Extremely toxic to certain apple varieties. **AVOID SPRAY DRIFT.** Extreme care must be used to prevent injury to apple trees. **DO NOT** spray where spray drift may reach apple trees. **DO NOT** use spray equipment that has been previously used for this product to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. **DO NOT** contaminate wetlands or watercourses with this product or used containers..

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an

approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Refillable containers: Empty contents fully into application equipment. Close all valves and return to designated collection point for refill or storage.

SAFETY DIRECTIONS

Harmful if inhaled. May irritate the eyes. Avoid contact with eyes. **DO NOT** inhale spray mist. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS) obtained from Sumitomo Chemical Australia Pty Ltd.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766.

IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

APVMA Approval No.: 86246/115120

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Distributed by:

SUMITOMO CHEMICAL AUSTRALIA PTY LTD