

Product Name: LEGEND FUNGICIDE
APVMA Approval No: 53607/139214



Label Name:	LEGEND CEREAL FUNGICIDE
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Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	250 g/L QUINOXYFEN
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Mode of Action:	GROUP 13 FUNGICIDE
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Statement of Claims:	For use as a protectant against powdery mildew in barley crops as specified by the Directions for Use.
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Net Contents:	1 L - 20 L
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Restraints:	<p>RESTRAINTS DO NOT spray if rain is likely within 1 hour. DO NOT apply with aircraft.</p> <p>SPRAY DRIFT RESTRAINTS Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift. DO NOT allow bystanders to come into contact with the spray cloud. DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas. DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application. DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.</p>
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<p>HARVESTING WITHHOLDING PERIOD Barley: NOT REQUIRED WHEN USED AS DIRECTED.</p> <p>GRAZING/STOCK FOOD WITHHOLDING PERIOD Barley: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 28 DAYS AFTER APPLICATION</p>
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Trade Advice:	<p>LIVESTOCK DESTINED FOR EXPORT MARKETS The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period the Export Slaughter Interval is observed before stock are sold or slaughtered.</p> <p>EXPORT SLAUGHTER INTERVAL (ESI) — 14 days After observing the withholding period for grazing or cutting for stock food, livestock that have been grazed on or fed treated crops should be placed on clean feed for 14 days prior to slaughter.</p> <p>EXPORT OF TREATED COMMODITIES Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for edible produce treated with Legend Cereal Fungicide. If you are growing edible produce for export, please check with Gowan Crop Protection Australia Pty Ltd for the latest information on MRLs and import tolerances before using Legend Cereal Fungicide.</p>
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General Instructions:	<p>Legend Cereal Fungicide is a foliar applied protectant fungicide that only has preventative properties. The protective activity demonstrated by Legend Cereal Fungicide when applied to plant foliage is primarily by volatilization and reabsorption onto new and untreated plant material. Protection is not limited to the leaf to which it is applied. Legend Cereal Fungicide is strongly bound to leaf waxes and therefore not easily washed off the foliage by rain if allowed to dry after application.</p> <p>GENERAL INSTRUCTIONS MIXING: Prior to adding to the tank, agitate or shake the container vigorously then follow the mixing instructions below.</p> <p>TANK-MIXING If tank mixing with other products, the following order is recommended:</p> <ol style="list-style-type: none"> 1. Quarter fill the spray tank maintaining agitation. 2. Add any wettable powders or dry flowable formulations with continuous agitation, ensure product is completely dissolved. 3. Add Legend Cereal Fungicide 4. Add water to half fill the spray tank. 5. Add emulsifiable concentrates or soluble liquids, with continuous agitation. 6. If a spraying oil is to be used, add when spray tank is three-quarters full. 7. Add water to bring to the final spray volume.
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Only mix sufficient spray solution for immediate use and avoid storing.

STORAGE OF DILUTED SPRAY MIX

Whenever possible use the spray mix immediately after it is prepared. However, if undesirable weather conditions or mechanical breakdown occur, the stored spray mix may be used up to 6 hours after initial mixing. Ensure regular agitation by mechanical or hydraulic action to thoroughly remix every 3 hours.

BOOM SPRAY APPLICATION TO BARLEY

Apply Legend Cereal Fungicide in sufficient water to obtain good coverage. It should be applied by an accurately calibrated ground rig using a water volume of 50 — 100 L/ha. Sprayers should apply MEDIUM spray droplets.

RAINFASTNESS

Legend Cereal Fungicide is rainfast one hour after application.

CLEANING SPRAY EQUIPMENT:

After using Legend Cereal Fungicide, empty the spray tank and completely drain the system. Rinse the tank, pump, lines, hoses, filters and nozzles by circulating clean water through the system. Drain and repeat the rinsing procedure twice.

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses.

Resistance Warning:

Legend Cereal Fungicide is a member of the aza-naphthalenes group of fungicides. For fungicide resistance management the product is a Group 13 Fungicide, which interferes with spore germination and appressoria formation. Some naturally occurring individual fungi resistant to the product and other Group 13 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 the product or other Group 13 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, Gowan Crop Protection Australia Pty Ltd accepts no liability for any losses that may result from the failure of the product to control resistant fungi.

Since Legend Cereal Fungicide has a unique mode of action, it will control powdery mildew that may be resistant to fungicides with other modes of action. To help prevent the onset of resistance, DO NOT apply more than two applications of Legend Cereal Fungicide to barley crops in any one season.

Strategies to minimise the risk of fungicide resistance are available. Refer to Croplife Australia fungicide resistance management strategy or contact your farm chemical supplier, consultant, local Department of Agriculture or local Gowan Crop Protection Australia Pty Ltd representative.

Precautions:

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until the spray has dried. When 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.

Protections:

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or watercourses with the product or used container.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment that may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures.

Storage and Disposal:	<p>KEEP OUT OF REACH OF CHILDREN</p> <p>Store in the closed, original container in a cool, well ventilated area, out of direct sunlight.</p> <p>DO NOT store near food, feedstuffs, fertilisers or seed.</p> <p>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.</p> <p>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.</p> <p>drumMUSTER containers This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.</p> <p>SMALL SPILL MANAGEMENT Do not touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains.</p> <p>Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal.</p> <p>Dam the area of large spills.</p>
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Safety Directions:	<p>May irritate the eyes. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes. When opening the container and preparing spray, wear elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.</p>
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First Aid Instructions:	<p>First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.</p>
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First Aid Warnings:	
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Directions for Use Table

CROP	DISEASE	RATE	CRITICAL COMMENTS
Barley	Powdery mildew <i>[Blumeria graminis f.sp.hordei)</i>	200 — 300 mL/ha	<p>DO NOT apply more than 2 applications to any barley crop in one season. DO NOT apply after barley growth stage Z39.</p> <p>Legend Fungicide should be applied at the first sign of infection as a protectant treatment only. Monitor barley crops regularly from early tillering and apply at or before Z31.</p> <p>Monitor if conditions favour disease development and reapply from 21 to 28 days after the first application and no later than at Z39.</p> <p>Use the higher rates where conditions favour severe disease development.</p> <p>Legend Cereal Fungicide will only be effective on powdery mildew in barley. If other diseases are suspected or detected then apply with the label rate of propiconazole registered for use in barley.</p>

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