

Product Name: Conquest Azoxyguard Xtra 280 SC Fungicide
APVMA Approval No: 93106/137980



Label Name:	Conquest Azoxyguard Xtra 280 SC Fungicide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 200 g/L AZOXYSTROBIN 80 g/L CYPROCONAZOLE
Mode of Action:	GROUP 3 11 FUNGICIDE
Statement of Claims:	For the control of certain fungal diseases in Barley, Wheat and Peanuts as specified in the Directions for Use.
Net Contents:	5 L to 1000 L
Restrains:	This section contains file attachment.
Directions for Use:	This section contains file attachment.
Other Limitations:	WARNING Azoxystrobin is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees. DO NOT spray CONQUEST AZOXYGUARD XTRA 280 where spray drift may reach apple trees. DO NOT spray when conditions favour drift beyond the area intended for application. Conditions which may contribute to drift include thermal inversions, excessive wind speed, certain spray nozzle/pressure combinations, small spray droplet size, etc.

DO NOT use spray equipment which has been previously used to apply CONQUEST AZOXYGUARD XTRA 280 to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity.

Withholding Periods:

Barley, Wheat:
Harvest: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION
Grazing: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 21 DAYS AFTER APPLICATION

Peanuts:
Harvest: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION
Grazing: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION

Trade Advice:

Trade Advice
EXPORT SLAUGHTER INTERVAL DO NOT slaughter animals destined for export within 7 days of consumption of treated cereal forage or straw, or peanut forage or fodder.

General Instructions:

GENERAL INSTRUCTIONS

Mixing

CONQUEST AZOXYGUARD XTRA 280 is a suspension concentrate (SC) formulation that mixes readily with water and is applied as a spray.

1. Partly fill the spray tank with water
2. Start the agitation
3. Add the correct amount of product to the spray tank with the agitation system running
4. Continue agitation while topping up the tank with water and while spraying
5. Use the spray mix within 24 hours of preparation

Growing Conditions

In general CONQUEST AZOXYGUARD XTRA 280 should be applied under good growing conditions with adequate soil moisture. CONQUEST AZOXYGUARD XTRA 280 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.

Cereals: Applications of CONQUEST AZOXYGUARD XTRA 280 should be made within the crop growth stages ranging 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 grain filling stage.

Peanuts: The object of spraying is to control diseases and stop defoliation during pegging or pod fill stages to ensure stems are sufficiently strong for harvesting.

Application

May be applied by boom spray or aircraft. Ensure complete coverage of all leaves and stem is obtained.

Cereals:

Boom Application: As a guide, apply in spray volumes ranging from 50 to 100 L water per hectare. The use of flat fan nozzles is recommended using a fine to medium quality spray pattern, with pressures in the range 100 to 400 kPa.

Aerial Application: As a guide, apply using 20 to 30 L water per hectare using a fine to medium quality spray. Use the lower rate when applications are made with a cross wind of not less than 5 knots. Use the higher rates when applying to dense crops.

Peanuts:

Boom Application: As a guide, apply in spray volumes ranging from 150 to 500 L water per hectare. The use of hollow cone nozzles or flat fans is recommended using a fine to

	<p>medium quality spray pattern, with pressures in the range of 500 to 1000 kPa for the hollow cones and 150 to 300 kPa for flat fan nozzles. Aerial Application: As a guide, apply 25 to 60 L water per hectare using a fine to medium quality spray. Use with the lower rate when applications are made with a cross wind of not less than 5 knots. Use the higher rates when applying to dense crops.</p> <p>Compatibility/Tank Mixing CONQUEST AZOXYGUARD XTRA 280 is physically compatible with a wide range of products, however the biological compatibility of these mixtures may not have been fully tested under all environmental and biological conditions. A mixture of CONQUEST AZOXYGUARD XTRA 280 with any other product may in some circumstances be ineffective or may cause damage. If tank mixes are to be used observe all directions, precautions and limitations on all products to be used. As formulations of other manufacturer's products are beyond the control of Conquest, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities.</p>
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Resistance Warning:	<p>Fungicide Resistance Warning GROUP 3 11 FUNGICIDE CONQUEST AZOXYGUARD XTRA 280 Fungicide is a combination of a demethylation inhibitors (DMI) and a Quinone outside Inhibitors (Qol) fungicides. For fungicide resistance management CONQUEST AZOXYGUARD XTRA 280 is both a Group 3 and a Group 11 fungicide.</p> <p>Some naturally occurring individual fungi resistant to CONQUEST AZOXYGUARD XTRA 280 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 fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by CONQUEST AZOXYGUARD XTRA 280 or other Group 3 and/or Group 11 fungicides, thus resulting in a reduction in efficacy and possible yield loss.</p> <p>Since the occurrence of resistant fungi is difficult to detect prior to use, Conquest Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of CONQUEST AZOXYGUARD XTRA 280 to control resistant fungi.</p>
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Precautions:	<p>PRECAUTIONS Re-entry Period: DO NOT allow entry into treated areas until the spray has dried unless wearing cotton overalls (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.</p>
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT HIGHLY TOXIC TO AQUATIC LIFE. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift on adjacent areas, particularly wetlands, waterbodies or watercourses.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.</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. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal 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</p>
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Territory government regulations. DO NOT burn empty containers or product. Do not re-use empty container for any other purpose.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

Harmful if swallowed. Will irritate the eyes. Avoid contact with eyes.

When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, elbow-length chemical resistant gloves and goggles.

Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre.
Phone Australia 13 11 26, New Zealand 0800 764 766.

First Aid Warnings:

RESTRAINTS

Cereals only: DO NOT apply more than 2 applications of CONQUEST AZOXYGUARD XTRA 280 Fungicide (or any other Group 11 or Group 3 fungicide) in any one season on the same paddock.

DO NOT exceed a combined total of 800 mL/ha of CONQUEST AZOXYGUARD XTRA 280 Fungicide in any one season on the same paddock.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at www.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.

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets not smaller than a **FINE to MEDIUM** spray droplet size category
- For maximum release height above the target canopy of 3 metres or 25 per cent of wingspan or 25 per cent of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas are observed (see the following table titled 'Buffer zones for aircraft')

Buffer zones for aircraft

Type of Aircraft	Natural aquatic areas
Fixed-wing	50 metres
Helicopter	50 metres

DIRECTIONS FOR USE

Crop	Diseases	Rate/ha	Critical Comments
Barley	Leaf Rust <i>(Puccinia hordei)</i> Net Blotch: Net Form <i>(Pyrenophora teres f. teres)</i> Spot Form <i>(Pyrenophora teres f. maculata)</i>	200 to 800 mL	Apply from jointing (Z30) and before infection averages 10% on the flag-2 leaf. Ensure thorough coverage of stems and leaves. Use higher rates under high infection pressure or when longer residual protection is required. Lower rates are effective under low disease pressure but have reduced residual effect. Repeat application at early booting stage if necessary. Two applications of the lower rate will generally provide better control than a single application at the higher rate. Addition of ADIGOR® at 2 % v/v improves disease control, especially at the lower rate.
	Powdery Mildew <i>(Blumeria graminis hordei)</i>	400 to 800 mL	Spray at the first sign of the disease during the tillering stage. A repeat spray 21 to 28 days later may be required. Ensure thorough coverage of stems and leaves. Higher rates provide longer protection.
Peanuts	Early Leaf Spot <i>(Cercospora arachidicola)</i> Late Leaf Spot <i>(Cercosporidium personatum)</i> Net Blotch <i>(Phoma arachidicola)</i> Rust <i>(Puccinia arachidicola)</i>	500 to 750 mL	Apply 1 to 2 applications of CONQUEST AZOXYGUARD XTRA 280 at 10 to 14 day intervals from first flowering and before disease symptoms appear or when disease pressure is low. Use the low rate when disease pressure is low eg early season plantings, and use higher rates when weather conditions favour disease development and/or the crop has a large canopy. When targeting Net Blotch, or when weather conditions are not favourable for application, add a non-ionic surfactant at its recommended use rate. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to CONQUEST AZOXYGUARD XTRA 280 develop. DO NOT use CONQUEST AZOXYGUARD XTRA 280 curatively. DO NOT apply more than 1/3 of the total number of fungicide applications per crop as CONQUEST AZOXYGUARD XTRA 280. For example, if the total number of fungicides applied to the crop is 9, DO NOT apply more than 3 applications of CONQUEST AZOXYGUARD XTRA 280. DO NOT exceed 3 applications of CONQUEST AZOXYGUARD XTRA 280 per crop. DO NOT apply more than 2 consecutive applications of CONQUEST AZOXYGUARD XTRA 280. DO NOT apply more than 5 DMI sprays per season. CONQUEST AZOXYGUARD XTRA 280 contains a DMI fungicide and should be included in the total number of DMI sprays.

Crop	Diseases	Rate/ha	Critical Comments
Wheat	Leaf Rust (<i>Puccinia triticina</i>)	400 to 800 mL	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 to 10% on any lower leaf layer. Use higher rates under high infection pressure or when longer residual protection is required. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.
	Powdery Mildew (<i>Blumeria graminis tritici</i>)		Spray at the first sign of the disease during the tillering stage. A repeat spray 21 to 28 days later may be required. Ensure thorough coverage of stems and leaves. Higher rates provide longer protection.
	Stripe Rust (<i>Puccinia striiformis</i>)		Spray at the first sign of the disease and before 10 to 20% of leaves are infected. A repeat spray 21 to 28 days later may be required. Use higher rates under high infection pressure or when longer residual protection is required.
	Yellow Spot (<i>Pyrenophora tritici-repentis</i>)		Apply once between 70% flag leaf emergence and early flowering. Use higher rates under high infection pressure or where longer residual protection is required. Apply after 70% flag leaf emergence and before disease levels reach 5% on flag leaf. Higher rates give longer residual protection and often better economic returns.

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