

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

**TITAN EPOXICONAZOLE 500 WDG  
FUNGICIDE**

ACTIVE CONSTITUENT: 500 g/kg EPOXICONAZOLE

GROUP **3** FUNGICIDE

For the control of certain fungal diseases including stripe rust of wheat and specified fungal diseases of barley, as per the DIRECTIONS FOR USE table.

**IMPORTANT: READ THE LEAFLET BEFORE USING THIS PRODUCT**

**CONTENTS: 2.5kg; 5 kg; 10 kg**

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APVMA Approval No.: 65576/59064

Batch number  
Date of manufacture



RLP  
Approved

## DIRECTIONS FOR USE

### SPRAY DRIFT RESTRAINTS

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 BCPC Guideline.

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 KEEP this record for a minimum of 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/situation and weed/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.)

DO NOT apply when wind speed is less than 3 and greater than 20 kilometres per hour or during weather conditions when surface temperature inversions are likely.

CROP	DISEASE	RATE PER HA	CRITICAL COMMENTS
Wheat	Leaf rust ( <i>Puccinia recondita</i> )	125 g	Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59.
	Stripe rust ( <i>Puccinia striiformis</i> )  Septoria nodorum blotch ( <i>Phaeosphaeria nodorum</i> )	62.5- 125 g	Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59. Apply when conditions favour disease development and prior to development of disease in the crop. DO NOT apply later than ZGS 59. Repeat spraying may be required, particularly if infection pressure persists. Regularly monitor the crop from 3-4 weeks after the first application for signs of re-infection. Apply the higher rate when disease is present on the top leaf or conditions are favourable for disease development at these stages of crop development. Repeat spraying may be required, particularly if infection occurs early.
	Powdery mildew ( <i>Blumeria graminis</i> )	62.5 g	Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply during early tillering (ZGS 21-22) stage of the crop if disease is present. DO NOT apply later than

	f.sp. tritici)		ZGS 59. Repeat spraying may be required, particularly if infection pressure persists. Regularly monitor the crop from 3-4 weeks after the first application for signs of re-infection.
Barley			DO NOT exceed a total rate of 125 g/ha of TITAN EPOXICONAZOLE 500 WDG FUNGICIDE in a growing season.
	Leaf rust (Puccinia hordei)	62.5- 125 g	Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59. Apply the higher rate when disease is present on the top leaf or conditions are favourable for disease development at these stages of crop development.
	Net form of net blotch (Pyrenophora teres f. sp. teres)	62.5 - 125 g	Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59. Two applications of TITAN EPOXICONAZOLE 500 WDG FUNGICIDE at the lower rate may provide better control than a single application under certain conditions. If applying a two spray program, only apply 62.5g /ha per application, with the first application at ZGS 31- 32 if the disease is present. Aim to apply the second application around ZGS 37 - 39, but no later than ZGS 59, if infection pressure persists. DO NOT exceed a total rate of 125 g /ha of TITAN EPOXICONAZOLE 500 WDG FUNGICIDE in barley per growing season
	Leaf scald (Rynchosporium secalis) Powdery mildew (Blumeria graminis f. sp. hordei)	62.5 g	Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between early tillering and flag leaf emergence (ZGS 21-39) if disease is present. DO NOT apply later than ZGS 59. Repeat spraying may be required, particularly if infection pressure persists. Regularly monitor the crop from 3-4 weeks after the first application for signs of re-infection. DO NOT exceed a total rate of 125 g /ha of TITAN EPOXICONAZOLE 500 WDG FUNGICIDE in barley per growing season.

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

**WITHHOLDING PERIODS:**

**DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.**

**DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 6 WEEKS AFTER APPLICATION.**

**GENERAL INSTRUCTIONS**

TITAN EPOXICONAZOLE 500 WDG FUNGICIDE is a broad spectrum contact and systemic fungicide. It is taken up via the stem and foliage and is translocated upwards and outwards to provide protection to new growth. Thorough coverage of the crop is necessary for best results.

Check the crop regularly for any symptoms of disease infection. Apply as soon as disease is present as indicated in the Directions for Use.

**MIXING**

TITAN EPOXICONAZOLE 500 WDG FUNGICIDE is a water dispersible granule (WG) formulation. The addition of a non-ionic surfactant is generally not required, although under certain environmental conditions and lower total application volumes, the addition of Chemwet 1000 or other recommended surfactant may assist in providing better coverage of sprayed surfaces. Add the product to the half filled spray tank while agitating. Continue to agitate while topping up the tank and during spraying.

**APPLICATION****Ground Application**

Apply in a water volume of between 50 and 100L/ha, using flat fan nozzles operating at around 50 cm above the top of the crop. Use the higher water volume in crops with heavier canopies.

**Aerial Application**

Apply with suitable aircraft, set up and operated to apply fungicides to cereal crops in a minimum water volume of 20L/ha.

**COMPATIBILITY**

For information on compatibility please contact your local reseller or Titan Ag Pty Ltd.

**FUNGICIDE RESISTANCE WARNING**

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TITAN EPOXICONAZOLE 500 WDG FUNGICIDE is a member of the DMI group of fungicides. For fungicide resistance management the product is a Group 3 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 3 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 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, Titan Ag 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 the spray has dried.

**CAUTION****Export of treated cereals**

Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for cereals treated with TITAN EPOXICONAZOLE 500 WDG Fungicide. Additionally, some export markets have established MRLs different to

those in Australia. If you are growing cereals for export, please check with Titan Ag Pty Ltd Australia Ltd or your grain exporter for the latest information on MRLs and import tolerances BEFORE using TITAN EPOXICONAZOLE 500 WDG Fungicide.

#### **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.

#### **EXPORT SLAUGHTER INTERVAL (ESI):**

AFTER OBSERVING THE WITHHOLDING PERIOD FOR GRAZING OR CUTTING FOR STOCKFOOD, LIVESTOCK THAT HAVE BEEN GRAZED ON OR FED TREATED CROPS SHOULD BE PLACED ON CLEAN FEED FOR 3 DAYS PRIOR TO SLAUGHTER.

#### **PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET CROPS**

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

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Highly toxic to aquatic organisms. Do NOT apply TITAN EPOXICONAZOLE 500 WDG Fungicide aerially if waterbodies, watercourses or wetlands are within 30 metres downwind of the application area. Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

#### **STORAGE AND DISPOSAL:**

Store in the closed, original container in a cool, well-ventilated area out of 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 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.

#### **SAFETY DIRECTIONS:**

May irritate the eyes and skin. Avoid contact with eyes and skin. When mixing and loading wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash contaminated clothing.

**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

**MATERIAL SAFETY DATA SHEET:** Additional information is listed in the Material Safety Data Sheet (MSDS). A material safety data sheet for Titan Epoxiconazole 500 WDG Fungicide is available from Titan Ag Pty Ltd on request. Call customer service on (02) 9999 6655 or visit [www.titanag.com.au](http://www.titanag.com.au)

**CONDITIONS OF SALE:** Titan Ag Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express

condition that the purchaser does not rely on Titan Ag's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Titan Ag has any authority to add to or alter these conditions." In case of emergency: Phone 02 9999 5555