CAUTION

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

TITAN

EPOXICONAZOLE 125 SC
FUNGICIDE

ACTIVE CONSTITUENT: 125g/L EPOXICONAZOLE

GROUP **3** FUNGICIDE



For the control of Leaf Rust, Stripe Rust and Septoria Nodorum Blotch and Powdery Mildew of Wheat and Leaf Rust, Net Form of Net Blotch, Leaf Scald and Powdery Mildew of Barley as per Directions For Use table.

APVMA Approval No.: 65491/155538

Pack Size: 5L-1000L

TITAN AG
CROP PROTECTION

TITAN AG Pty Ltd | ABN 57 122 081 574
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SC Formulation Type
Suspension Concentrate

IN A TRANSPORT EMERGENCY
• DIAL 000 • POLICE OR FIRE BRIGADE

9 3

3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains epoxiconazole)
PG III Hazchem •3Z

DIRECTIONS FOR USE

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 zone in the buffer zone table below provides 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 a boom sprayer unless the following requirements are met:

- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zone' section) are observed.
- Spray droplets not smaller than a MEDIUM spray droplet size category

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

- Spray droplets not smaller than a MEDIUM spray droplet size category.
- For release heights 25% of wingspan or 25% of rotor diameter or lower above the target canopy, minimum distance between the application site and downwind sensitive areas (see 'Mandatory buffer zone' section) is observed.

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zone shown in Table 1 below.

Table 1 – No-Spray Zone for Protection of the Aquatic Environment

FOR GROUND and AERIAL APPLICATION TO WHEAT AND BARLEY	
Wind Speed Range at Time of Application	**Downwind Mandatory No-Spray Zone**
From 3 - 20 kilometres per hour	30 metres

CROP	**DISEASE**	**RATE/ha**	**CRITICAL COMMENTS**
Wheat	Leaf Rust (*Puccinia recondita*)	500mL plus 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray mix	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 (*Puccinia striformis*), Septoria Nodorum Blotch (*Phaeosphaeria nodorum*)	200-500mL plus 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray mix	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. Repeat spraying may be required, particularly if infection occurs early. Regularly monitor crops from 3-4 weeks after the first application for signs of re-infection.
	Powdery Mildew (*Bluemeria graminis f.sp. tritici*)	250mL plus 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray mix	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 ZGS 59. Repeat spraying may be required, particularly if infection pressure persists. Regularly monitor crops from 3-4 weeks after the first application for signs of re-infection.
Barley			**DO NOT exceed a total rate of 500mL/ha TITAN Epoxiconazole 125 SC Fungicide in a growing season.**
	Leaf Rust (*Puccinia hordei*)	250-500mL plus 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray mix	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*)	250-500mL plus 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray mix	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 125 SC Fungicide at the lower rate may provide better control than a single application under certain conditions. If applyng a two spray program, only apply 250mL/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 500mL/ha of TITAN Epoxiconazole 125 SC Fungicide in Barley per growing season.

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CROP	DISEASE	RATE/ha	CRITICAL COMMENTS
Barley – *continued*	Leaf Scald (*Rynchosporium secalis*), Powdery Mildew (*Blumeria graminis f.sp. hordei*)	250mL plus 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray mix	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 32-59) 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 500mL/ha of TITAN Epoxiconazole 125 SC 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

WHEAT, BARLEY: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION. DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 6 WEEKS AFTER APPLICATION.

CAUTION

Export of treated produce

Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for produce treated with TITAN Epoxiconazole 125 SC Fungicide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing produce for export, please check with TITAN AG or your produce exporter for the latest information on MRLs and import tolerances BEFORE using TITAN Epoxiconazole 125 SC 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.

GENERAL INSTRUCTIONS

TITAN Epoxiconazole 125 SC 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.

Wheat, Barley: Check the crop regularly for any symptoms of disease infection. Apply as soon as disease is present on the flag leaf or flag-2. Application beyond flag leaf emergence (ZGS 39) may not provide any yield benefit, particularly under dry seasonal conditions.

MIXING

TITAN Epoxiconazole 125 SC Fungicide is a suspension concentrate formulation. Add the product to the half filled spray tank while agitating. Continue to agitate while topping up the tank and during spraying.

APPLICATION

Cereals

Ground Application: Apply in a water volume of between 50 and 100L/ha, using flat fan nozzles operating at around 50cm 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 representative.

FUNGICIDE RESISTANCE WARNING

GROUP **3** FUNGICIDE

TITAN Epoxiconazole 125 SC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management TITAN Epoxiconazole 125 SC Fungicide is a Group 3 fungicide. Some naturally occurring individual fungi resistant to TITAN Epoxiconazole 125 SC Fungicide 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 Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

PRECAUTIONS

DO NOT use human flaggers/markers unless they are protected by engineering controls such as enclosed cabs.

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 and a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Highly toxic to aquatic organisms. DO NOT apply TITAN Epoxiconazole 125 SC Fungicide aerially to waterbodies, watercourses or wetlands. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a well-ventilated area as cool as possible, out of direct sunlight. 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. Add rinsings to spray tank. Dispose of the rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemicals 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. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the container below 500mm 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. Empty containers and product should not be burnt.

Refillable containers: Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs TITAN AG Pty Ltd should be notified immediately.

This minibulk/bulk container is reusable and remains the property of TITAN AG Pty Ltd. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to TITAN AG Pty Ltd for cleaning, relabelling and refilling.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. DO NOT inhale vapours. If product on skin, immediately wash area with soap and water. Wash hands after use. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves and halfpiece respirator. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat. After each day's use, wash gloves, respirator and if rubber, wash with warm water. Wash contaminated clothing.

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

SAFETY DATA SHEET
Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Epoxiconazole 125 SC Fungicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit 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 judgment 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 Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: May be fatal if swallowed and enters airways. Causes eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage the unborn child. Suspected of damaging fertility. Toxic to aquatic life with long lasting effects. Precautionary Statements: Do not handle until all safety precautions have been read and understood. Use only a well-ventilated area. Wear protective gloves and protective clothing. Avoid breathing mist/vapours/spray. Avoid release to the environment. Wash all exposed external body areas thoroughly after handling. IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider. Do NOT induce vomiting. IF exposed or concerned: Get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor/physician/first aider/if you feel unwell. If eye irritation persists: Get medical advice/attention. Collect spillage. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.



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