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

TITAN
Tebuconazole 430 SC
Fungicide

ACTIVE CONSTITUENT:
430g/L TEBUCONAZOLE

GROUP C FUNGICIDE

For the control of leaf spot and leaf speckle on bananas; rust, leaf spot and net blotch of peanuts; foliar diseases on cereal crops; other diseases on beans, peas, onions, papaw, pyrethrum, ryegrass and fescue seed and sugar cane (var. Q124) crops as per the directions for use table.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

APVMA Approval No.: 61649/0107

Pack Sizes: 10L, 20L

IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL.

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### DIRECTIONS FOR USE

**Crops** | **Disease** | **Application** | **Rate** | **WHP** | **Critical Comments**  
--- | --- | --- | --- | --- | ---  
**Bananas**  
(QLD, NSW, WA, NT only) | Leaf Spot (Yellow Sigatoka), Leaf Speckle, Black Sigatoka  
**Ground Application:** Apply by mister machine or airlast sprayer in a convenient volume of water  
**Aerial Application:** Apply at least 20L of spray mixture per hectare  
230L/ha  
Add 3-6L water miscible oil/ha  
1 day  
Maintain good deleafing practices to reduce disease inoculum. Very old leaves, and leaves with advanced lesions should be removed, or infected parts of the leaf removed, prior to the application of TITAN Tebuconazole 430 SC Fungicide.  
**Tropical areas (eg North QLD, NT, Ord River):**  
Apply a regular schedule of protectant sprays. When conditions favour disease, apply a minimum of 2 and a maximum of 3 consecutive TITAN Tebuconazole 430 SC Fungicide sprays at 14 day intervals.  
DO NOT apply more than 6 TITAN Tebuconazole 430 SC Fungicide sprays in any 12 month period.  
DO NOT apply any TITAN Tebuconazole 430 SC Fungicide sprays in the months of July, August and September.  
**Sub-tropical areas (eg South Qld, NSW):**  
Commence spraying with TITAN Tebuconazole 430 SC Fungicide at the onset of warm and humid/wet weather, normally December. Repeat at 21 to 28 day intervals using a minimum of 2 consecutive TITAN Tebuconazole 430 SC Fungicide sprays.  
DO NOT apply more than 5 TITAN Tebuconazole 430 SC Fungicide sprays in any 12 month period.  
TITAN Tebuconazole 430 SC Fungicide is approved for use in banana plantations interplanted with avocados.  
**Peanuts**  
(South QLD, NSW only) | Early Leaf Spot, Late Leaf Spot, Rust, Net Blotch  
**Ground Application:** Apply in at least 100L of water/ha  
**Aerial Application:** Apply at least 30L of spray mixture per hectare  
175L/ha  
+ Agridex  
1L/ha  
Low disease  
1 day  
Regularly check high risk areas in the crop for disease (eg lower leaves, shaded plants). When Leaf Spot or Net Blotch or Rust can easily be found then either;  
– spray immediately after the last disease conducive weather (eg rain or heavy dew)  
OR  
– spray before the next disease conducive weather.  
Repeat after 14 days if conditions remain favourable to disease development. If not, repeat before or just after the next disease conducive weather.  
For resistance strategy, see General Instructions.  
**Peanuts**  
(North QLD, WA, NT only) | Early Leaf Spot, Late Leaf Spot, Rust  
**Low disease**  
230L/ha  
+ Agridex  
1L/ha  
Harvest  
3 weeks  
Grazing  
3 weeks  
Begin spraying at 3-4 weeks after planting. If band spraying, apply half the appropriate rate as a 45cm band directly over the row.  
Sprays should not be banded after 6 weeks from planting.  
Repeat applications at 14 day intervals.  
If prolonged cool moist weather occurs, shorten spray interval to 10-12 days.  
For resistance strategy, see General Instructions.  
**Green beans** | Rust  
**Ground Application:** Can be applied by aircraft or ground rig  
250L/ha  
+ Agridex  
1L/ha  
Harvest  
3 days  
Grazing  
3 days  
Spray when rust infection begins or at budding, whichever is the earlier. Repeat application 10-14 days later.  
A third application may be necessary when infection occurs early or disease pressure is high.  
**Peas** | Powdery Mildew  
**Ground Application:** Apply in at least 50L of water/ha  
145L/ha  
Harvest  
3 days  
Grazing  
3 days  
Apply at flowering or at first sign of disease, whichever occurs first.  
A second spray 14 days later may be necessary under some conditions.  
**Wheat** | Leaf Rust, Stripe Rust, Septoria, Nodamura Blotch, Yellow Leaf Spot  
**Ground Application:** Apply in at least 50L of water/ha  
145 or 290L/ha  
Harvest  
5 weeks  
Grazing  
14 days  
Use higher rate when longer disease control is required.  
**Stripe Rust:** See spray timings under General Instructions.  
**Other diseases:** Apply from full flag leaf emergence to early head emergence. The addition of mineral crop oil (eg D-C-Trate or equivalent) at 1%, may improve performance of TITAN Tebuconazole 430 SC Fungicide on wheat, oats and barley.
<table>
<thead>
<tr>
<th>CROPS</th>
<th>DISEASE</th>
<th>APPLICATION</th>
<th>RATE</th>
<th>WHP</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oats</td>
<td>Crown Rust</td>
<td>Ground Application: Apply in at least 50L of water/ha</td>
<td>145 or 290mL/ha</td>
<td>Harvest 5 weeks Grazing 14 days</td>
<td>Use higher rate when longer disease control is required. Stripe Rust: See spray timings under General Instructions. Other diseases: Apply from full flag leaf emergence to early head emergence. The addition of mineral crop oil (eg D-C-Trate or equivalent) at 1%, may improve performance of TITAN Tebuconazole 430 SC Fungicide on wheat, oats and barley.</td>
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<tr>
<td></td>
<td></td>
<td>Aerial Application: Apply in at least 10L of water/ha</td>
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<tr>
<td>Barley</td>
<td>Scald</td>
<td></td>
<td>145mL/ha</td>
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<td>Apply at late tillering to early jointing.</td>
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<td></td>
<td>Powdery Mildew</td>
<td></td>
<td>145 or 290mL/ha</td>
<td></td>
<td>Apply when 5% of the leaf area is infected. Use higher rate when longer disease control is required.</td>
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<tr>
<td>Wheat, Oats</td>
<td>Stem Rust</td>
<td>Ground Application: Apply in at least 50L of water/ha</td>
<td>145 or 290mL/ha</td>
<td>Harvest 5 weeks Grazing 14 days</td>
<td>Apply if more than 5% of stems become infected between full flag leaf emergence to late flowering. Where Stem Rust is the major disease, yield responses are usually optimised by delaying application until full head emergence, and using the higher rate. In severe cases, if a majority of stems are infected prior to full head emergence, apply at 145mL/ha as soon as possible and if necessary, repeat after 3 weeks when heads are fully emerged.</td>
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<td>Aerial Application: Apply in at least 10L of water/ha</td>
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<tr>
<td>Onions (TAS only)</td>
<td>White Root Rot</td>
<td>Before sowing, apply TITAN Tebuconazole 430 SC Fungicide onto lime super. Ensure good coverage of all lime super particles.</td>
<td>1.45L/100m of row mixed with 145-218g lime super/ 100m of row</td>
<td></td>
<td>Apply TITAN Tebuconazole 430 SC Fungicide treated lime super when sowing onion seed. Seed and lime super can either be mixed in the same box on the drill or placed in different boxes and sown down the same tube. Apply in a band width of 2cm. Ensure that the correct rate of TITAN Tebuconazole 430 SC Fungicide is used otherwise some delay in emergence and reduced stands of seedlings may occur.</td>
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<tr>
<td>Pawpaw</td>
<td>Black Spot</td>
<td>Ensure thorough coverage of leaves and fruit</td>
<td>290mL/ha</td>
<td>3 days</td>
<td>Ensure infected plant material is regularly removed and destroyed to reduce inoculum levels. Spray equipment must be properly calibrated to apply the correct amount of TITAN Tebuconazole 430 SC Fungicide. Apply TITAN Tebuconazole 430 SC Fungicide at 14 day intervals. Alternate TITAN Tebuconazole 430 SC Fungicide with sprays of a protectant fungicide (eg Dithane DF). DO NOT apply more than 6 sprays of TITAN Tebuconazole 430 SC Fungicide (or any DMI fungicide) on any block in any 12 month period.</td>
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<tr>
<td>Pyrethrum</td>
<td>Sclerotinia sclerotiorum</td>
<td>–</td>
<td>350mL/ha</td>
<td>–</td>
<td>Apply twice, in rotation with other control measures, at 7-10 day intervals. Commence at 1 to 2% flowering. Use under direction of pyrethrum advisers.</td>
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<tr>
<td>Ryegrass and fescue seed crops</td>
<td>Leaf Rust, Stem Rust</td>
<td>Apply in at least 100L of water/ha</td>
<td>290mL/ha</td>
<td>–</td>
<td>Monitor crops closely and spray at the first signs of disease. Continuing disease pressure or reinfestation may require a further application 3-4 weeks later. Ensure thorough coverage, and use higher water volumes in dense or advanced crops.</td>
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<tr>
<td>Sugar cane (variety Q124 only)</td>
<td>Orange Rust</td>
<td>Ground Application: Use droppers and directed sprays and sufficient water volume to ensure thorough coverage</td>
<td>290mL/ha + Agrindex 1L/ha</td>
<td>Harvest 4 weeks Grazing 4 weeks</td>
<td>Even low levels of Orange Rust suppress yields so it is important to apply TITAN Tebuconazole 430 SC Fungicide early in the development of the disease epidemic. Begin monitoring disease levels early. Check crops at least weekly when climatic conditions favour the development of disease. Apply as a foliar spray when disease begins to escalate rapidly. Repeat application after 14 days if conditions remain favourable to Orange Rust spore germination. DO NOT apply more than two TITAN Tebuconazole 430 SC Fungicide sprays per season. DO NOT apply if heavy rains or storms that are likely to cause surface run-off are forecast with greater than 50% probability within 24 hours (48 hours if possible) of application.</td>
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<td></td>
<td>Aerial Application: Apply in a minimum spray volume of 20L per hectare</td>
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NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
APPLICATION

Do not apply to cereal crops more than once in a season.

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Drift.

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Spray Timings for Stripe Rust Control

Obtain advisory literature from Department of Agriculture for classification of resistant and susceptible varieties. In South Australia consult Plant Protection Note PPN 21. In other states the following spray program is suggested:

Newly emerged bunch

DO NOT apply to cereal crops more than once in a season.

Foliar Diseases on Cereal Crops

DO NOT apply to cereal crops more than once in a season.

Tebuconazole 430 SC Fungicide to water in the spray vat while stirring or with agitators in motion. Add the required amount of Agri-Disperse (peanuts, beans) or water miscible oil (bananas) and mix thoroughly.

Application

Airplane application may be made by aerially applying sprays. Spray drift may occur under adverse meteorological conditions or from certain spraying equipment. DO NOT allow spray to drift onto sensitive areas including, but not limited to, susceptible plant/crop, cropping land, pasture, natural streams, rivers, wetlands, waterways or human dwellings. The strategy envisaged is exemplified by the cotton industry’s Best Management Practices Manual.

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 or preferably pressure rinse container 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

Safety Directions

DO NOT delay.

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Foliar Diseases on Cereal Crops

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Treatment will give approximately three weeks disease suppression. Economic responses may not be gained by spraying crops past flowering stage. The effects of fungicide application will not be clearly seen for 7-10 days after application.

Yield potential: crops with potential yield under 27t/ha are unlikely to give economic responses to a fungicide spray except under conditions of very severe disease. Economic responses are most likely with crops with potential yield of over 30t/ha.

Spray Timings for Stripe Rust Control

Obtain advisory literature from Department of Agriculture for classification of resistant and susceptible varieties. In South Australia consult Plant Protection Note PPN 21. In other states the following spray program is suggested:

Seedling infections: When approximately 20 out of 100 leaves show first signs of infection during tillering to jointing, apply a spray within one week.

Adult infections – susceptible varieties: When approximately 10 out of 100 leaves show first sign of infection, apply a spray within one week.

DO NOT delay.

Adult infections – moderately susceptible varieties: When approximately 15 to 20 leaves out of 100 leaves show first sign of infection, apply a spray within one week. DO NOT delay.

Adult infections – moderately resistant and resistant varieties: Monitor carefully. If rust appears and spreads, spray within one week.

Fungicide Resistance Warning

Tebuconazole 430 SC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management the product is a Group C fungicide. Some naturally occurring individual fungi resistant to the product and other Group C 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 and other Group C 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 result from failure of this product to control resistant fungi.

Resistance Management Recommendation – Peanuts

Apply no more than 3 consecutive sprays of DMI fungicide (eg TITAN Tebuconazole 430 SC Fungicide) before switching to a non-DMI fungicide. Apply no more than 5 DMI sprays per season.

MIXING

Prior to pouring, shake container vigorously, then add the required quantity of TITAN Tebuconazole 430 SC Fungicide to water in the spray vat while stirring or with agitators in motion. Add the required amount of Agri-Disperse (peanuts, beans) or water miscible oil (bananas) and mix thoroughly.

APPLICATION

Aircraft should fly as low as possible under the prevailing conditions to minimise drift.

Protection of Wildlife, Fish, Crustaceans and Environment

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. A spray drift minimisation strategy should be employed at all times when aerially applying sprays. Spray drift may occur under adverse meteorological conditions or from certain spraying equipment. DO NOT allow spray to drift onto sensitive areas including, but not limited to, susceptible plants/crops, cropping land, pasture, natural streams, rivers, wetlands, waterways or human dwellings. The strategy envisaged is exemplified by the cotton industry’s Best Management Practices Manual.