POISON

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

TITAN

FLUTRIAFOL 500 SC

FUNGICIDE

ACTIVE CONSTITUENT: 500 g/L FLUTRIAFOL

GROUP 3 FUNGICIDE



For the control of certain fungal diseases on Wheat, Barley and Canola when mixed with fertiliser or applied as a foliar spray as per Directions For Use table.

APVMA Approval No.: 67924/147485

Pack Size: 10L-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

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

DIRECTIONS FOR USE – ALL STATES

<table>
<tr><th colspan="5">TITAN FLUTRIAFOL 500 SC FUNGICIDE AS A GRANULATED OR LIQUID FERTILISER TREATMENT OR INJECTED WITH WATER</th></tr>
<tr><th>CROP</th><th>DISEASE</th><th>RATE/ha</th><th>WHP</th><th>CRITICAL COMMENTS</th></tr>
<tr><td>Canola</td><td>Blackleg (Leptosphaeria maculans)</td><td>200-400mL</td><td rowspan="5">H:
Not required when used as directed
G:
4 weeks</td><td>Treatment will reduce Blackleg infection in both susceptible and tolerant Canola varieties. Use the higher rate of application (400mL/ha) when heavy Blackleg infection pressure is expected and to reduce stem and crown infection later in the season, particularly on more susceptible varieties. Use only granular fertiliser or injection with water application methods.
DO NOT use liquid fertiliser application method on Canola.
<table>
<tr><th>Fertiliser rate per hectare (kg)</th><th>Volume of product per 100kg of fertiliser (mL)</th></tr>
<tr><td>60</td><td>333*</td></tr>
<tr><td>70</td><td>285</td></tr>
<tr><td>80</td><td>250</td></tr>
<tr><td>100</td><td>200</td></tr>
<tr><td>120</td><td>166</td></tr>
</table></td></tr>
<tr><td rowspan="2">Wheat</td><td>Stripe Rust (Puccinia striiformis)</td><td>100 to 400mL</td><td rowspan="2">For Stripe Rust control in Wheat use:
-100 to 200mL/ha where up to 100 days protection is required
-300 to 400mL/ha when 120 to 130 days protection is required
Where heavy Stripe Rust pressure is expected, use 400mL/ha only.
<table>
<tr><th rowspan="2">Fertiliser rate per hectare (kg)</th><th colspan="2">Volume of product per 100kg of fertiliser (mL)</th></tr>
<tr><th>100mL rate</th><th>200mL rate</th></tr>
<tr><td>50</td><td>200</td><td>400*</td></tr>
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<tr><td>70</td><td>143</td><td>285</td></tr>
<tr><td>80</td><td>125†</td><td>250</td></tr>
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<tr><td>120</td><td>88†</td><td>166</td></tr>
</table></td></tr>
<tr><td>Septoria Tritici Blotch (Septoria tritici), Take-all (Geaumannomyces graminis)</td><td>200 to 400mL</td></tr>
<tr><td rowspan="2">Barley</td><td>Powdery Mildew (Erysiphe graminis), Scald (Rhynchosporium secalis)</td><td>100 to 400mL</td><td rowspan="2">For control of Powdery Mildew and Scald of Barley use:
-100 to 200mL/ha where up to 80 days protection is required
-300mL/ha when 100 days protection is required
-400mL/ha for up to 120 days protection from Powdery Mildew and Scald
Where heavy Powdery Mildew and Scald pressure is expected, use 400mL/ha only.
For suppression of Net Form Net Blotch for up to 110 days after sowing use 300 to 400mL/ha.
For control of Barley Leaf Rust, use 300 to 400mL/ha for up to 8 weeks control.
Useful suppression of Barley Leaf Rust will be obtained for up to 16 weeks after sowing particularly at 400mL/ha.</td></tr>
<tr><td>Net Form Net Blotch (Pyrenophora teres f. sp. teres) (Suppression only), Barley Leaf Rust (Puccinia hordei)</td><td>300 to 400mL</td></tr>
<tr><th colspan="5">TITAN FLUTRIAFOL 500 SC FUNGICIDE APPLIED AS FOLIAR SPRAY</th></tr>
<tr><td rowspan="2">Wheat</td><td>Stripe Rust (Puccinia striiformis f.sp. tritici)</td><td rowspan="3">125-250mL
Ground Application:
Apply in 100 to 150L water plus 200mL of TITAN Wetter 1000 Wetting Agent per 100L of spray solution</td><td rowspan="2">7 weeks
H or G</td><td>Apply when Stripe Rust first appears and before disease reaches 1% of leaf area. The high rate of application gives a longer period of protection than the low rate. In crops with high yield potential and where conditions favourable to severe disease persist, use a single application at the higher rate or 2 applications 3-4 weeks apart at the low rate.</td></tr>
<tr><td>Leaf Rust (P. recondita), Septoria Nodorum Blotch (Septoria nodorum), Septoria Tritici Blotch (S. tritici)</td><td>Apply after flag leaves have begun to emerge and before disease reaches 1% of flag leaf area. The high rate of application gives a longer period of protection than the low rate. In crops with high yield potential and where conditions are favourable to severe disease persist during flowering, use a single application at the higher rate or 2 applications 3-4 weeks apart at the low rate.</td></tr>
<tr><td>Barley</td><td>Powdery Mildew (Blumeria graminis f. sp. Hordei)</td><td>Aerial Application:
Apply in a minimum of 15L water plus 200mL of TITAN Wetter 1000 Wetting Agent per 100L of spray solution</td><td>10 weeks
H or G</td><td>Apply when Powdery Mildew first appears. The high rate of application gives a longer period of protection than the low rate. Where conditions are favourable to severe disease persist, use a single application at the higher rate or 2 applications 3-4 weeks apart at the low rate.</td></tr>
</table>

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

TITAN AG CROP PROTECTION

WITHHOLDING PERIODS
APPLIED IN-FURROW AS A FERTILISER TREATMENT
Canola, Wheat, Barley: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER SOWING

APPLIED AS A FOLIAR SPRAY
DO NOT HARVEST EARLIER THAN THE NUMBER OF WEEKS SHOWN AFTER APPLICATION: Barley – 10 WEEKS; Wheat – 7 WEEKS
DO NOT GRAZE OR CUT FOR STOCK FOOD EARLIER THAN THE NUMBER OF WEEKS SHOWN AFTER APPLICATION: Barley – 10 WEEKS; Wheat – 7 WEEKS

GENERAL INSTRUCTIONS
Fertiliser Application
Ensure that treated fertiliser is dry before sowing with the crop.

Sowing: Treated fertiliser should be sown in the same furrow as the seed, not broadcast. Note that the flow rate of fertiliser may be changed after treatment and the seeder should be calibrated with the treated material to ensure that the correct rates of fertiliser and fungicide are delivered.
DO NOT mix seed with treated fertiliser.

In-Furrow Granulated Fertiliser Application
Spray product evenly onto granulated fertiliser and immediately mix thoroughly in a mechanical mixer or auger. Apply at a rate which will deposit the specific rate of the product on the quantity of fertiliser required to be sown in-furrow per hectare, using the table below as a guide. Ensure that treated fertiliser is dry before sowing with the crop. Treated fertiliser should be applied in a band 3-4cm below or to the side of seed in the planting furrow. It should not be broadcast. Note that the flow rate of fertiliser may be changed after treatment and the seeder should be calibrated with the treated material to ensure that the correct rates of fertiliser and fungicide are delivered.
DO NOT mix seed with treated fertiliser.

Granular Fertiliser Rate (kg/ha)	Volume of Product per 100kg of Granular Fertiliser (mL/100kg)			
	100mL rate	200mL rate	300mL rate	400mL rate
50	200 †	400	600	800*
60	167 †	333	500	667*
70	143 †	286 †	429	571
80	125 †	250 †	375	500
100	100 †	200 †	300	400
120	83 †	167 †	250 †	333

* Application volumes over 600mL per 100kg of fertiliser may adversely affect the flow rate and handling characteristics of dusty/poorly granulated fertilisers and some high nitrate fertilisers.

† Where application volume is low (below 300mL of product per 100kg of fertiliser), product may be diluted with water to improve coverage.

In-Furrow Liquid Fertiliser Application (Urea/Ammonium Nitrate Solutions)
Premixing of TITAN Flutriafol 500 SC Fungicide with water is recommended. A mixing ratio of 2:1 to 4:1 parts water to TITAN Flutriafol 500 SC Fungicide is advised. Add the premix to the liquid fertiliser (UAN solutions) in a suitable mixing tank and mix thoroughly. The mixture should be applied at planting as soon as possible after mixing with continual agitation in the tank. The mixture should be injected in the planting furrow 3-4cm below or to the side of the seed.
DO NOT use on Canola. DO NOT apply as a broadcast spray.
DO NOT mix seed with the premix of liquid fertiliser and TITAN Flutriafol 500 SC Fungicide.

Mix at a rate which will result in the specific rate of the product in the volume of liquid fertiliser required to be injected in-furrow per hectare, using the table below as a guide.

Granular Fertiliser Rate (kg/ha)	Volume of Product per 100kg of Liquid Fertiliser (mL/100L)			
	100mL rate	200mL rate	300mL rate	400mL rate
75	133	267	400	533
100	100	200	300	400
125	80	160	240	320
150	67	133	200	267
175	57	114	171	229
200	50	100	150	200

*The rate of liquid fertiliser may include a proportion of water.

In-Furrow Injection in Water
Mix the product thoroughly with water in a suitable mixing tank. Apply as soon as possible after mixing by injecting the mixture 3-4cm below or to the side of the seed. Mix at a rate which will result in the specific rate of the product in the volume of water required to be injected in-furrow per hectare, using the table below as a guide.

Granular Fertiliser Rate (kg/ha)	Volume of Product per 100L of Water (mL/100L)			
	100mL rate	200mL rate	300mL rate	400mL rate
75	133	267	400	533
100	100	200	300	400
125	80	160	240	320
150	67	133	200	267
175	57	114	171	229
200	50	100	150	200

COMPATIBILITY
TITAN Flutriafol 500 SC Fungicide is compatible with the liquid fertilisers – Flexi N*, Flexi NK*, Flexi NS*, Easy N and UAN. Agitation of the liquid fertiliser prior to and during addition of TITAN Flutriafol 500 SC Fungicide is required. Maintain agitation of the mix during application.

FUNGICIDE RESISTANCE WARNING
GROUP **3** FUNGICIDE

TITAN Flutriafol 500 SC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management TITAN Flutriafol 500 SC Fungicide is a Group 3 fungicide. Some naturally occurring individual fungi resistant to TITAN Flutriafol 500 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 TITAN Flutriafol 500 SC Fungicide 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 predict prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Flutriafol 500 SC Fungicide to control resistant fungi. Resistance should not be assumed without first reviewing the method of application, the coverage and the time of application.

PRECAUTION
Re-Entry Period or Re-Handling Statement: DO NOT allow entry into treated areas until the spray has dried, unless wearing overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways or drains with the chemical or used container.

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 the empty packaging 500mm 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.

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. Harmful if absorbed by skin contact. May irritate the skin. Will irritate the eyes. Avoid contact with eyes and skin. When opening the container, mixing and loading, preparing the product for use, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

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

TITAN AG CROP PROTECTION

SAFETY DATA SHEET
Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Flutriafol 500 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: Harmful if swallowed. Harmful to aquatic life with long lasting effects.
Precautionary Statements: Wash all exposed external body areas thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. IF SWALLOWED: Call a POISON CENTER/doctor/physician/first aider if you feel unwell. Rinse mouth. Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.



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