

POISON

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

TITAN

IMIDACLOPRID 360 + TEBUCONAZOLE 12.5 ULTRA SEED TREATMENT

ACTIVE CONSTITUENTS: 360g/L IMIDACLOPRID
12.5g/L TEBUCONAZOLE

GROUP

4A

INSECTICIDE

GROUP

3

FUNGICIDE



For the control of various insect pests and fungal diseases in a range of crops, protection against insect pests of stored cereal grains and the prevention of spread of Barley Yellow Dwarf virus in cereal crops, as specified in the Directions For Use table.

APVMA Approval No.: 89004/123135

Pack Size: 10L-100L



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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

CROP	PEST/DISEASE	RATE	CRITICAL COMMENTS
Cereals	Feeding damage caused by Wheat Aphid and Corn Aphid Spread of Barley Yellow Dwarf virus Protection against insect pests of stored grains: Granary Weevil (<i>Sitophilus granarius</i>), Indian Meal Moth (<i>Plodia interpunctella</i>), Lesser Grain Borer (<i>Rhyzopertha dominica</i>), Rice Weevil (<i>Sitophilus oryzae</i>), Rust-red Flour Beetle (<i>Tribolium castaneum</i>), Sawtoothed Grain Beetle (<i>Oryzaephilus surinamensis</i>), Tropical Warehouse Moth (<i>Ephesia cautella</i>)	200mL/100kg of seed	Refer to 'GENERAL INSTRUCTIONS – Application' for application instructions. In high risk areas (high annual rainfall) or moderate risk areas (medium annual rainfall) with the presence of high numbers of aphids following regular summer rains: A synthetic pyrethroid top-up spray should be applied 7 to 8 weeks after sowing. TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment will control insect pests during the storage of cereal grains to be used for seed only. Seed treated with TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment is not to be used for human consumption or animal feed.
Wheat	Bunt, Flag Smut (seed and soil borne), Loose Smut		Refer to 'GENERAL INSTRUCTIONS – Application' for application instructions.
Barley	Covered and Loose Smut		
Oats	Covered and Loose Smut		

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

WITHHOLDING PERIODS

Harvest: NOT REQUIRED WHEN USED AS DIRECTED.

Grazing: DO NOT GRAZE PLANTS GROWN FROM TREATED SEED OR CUT FOR STOCK FOOD WITHIN 9 WEEKS OF SOWING.

GENERAL INSTRUCTIONS

TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment may delay emergence of wheat. Crops will recover rapidly in most soils without any effect on yield.

Sowing TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment wheat deeper than 50mm may reduce plant establishment in heavier soils or soils that will crust or clod at the surface after sowing. Sowing rates may need to be adjusted accordingly.

Seed Quality

TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment should not be used on seed with more than 12% moisture content, or on sprung, sprouted, damaged or severely pinched seed, or seed of poor viability. If in doubt, have a germination test carried out on the seed before treatment to ensure that it is of acceptable standard. Treating with TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment as directed may raise the moisture level of the seed by up to 0.6%, depending on conditions at treatment. The use of TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment at the recommended rate will have no effect on the storage life of treated sound seed.

APPLICATION

TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment should be mixed with water to give even coverage of seed. The quantity of water used for mixing will vary depending on type of equipment and quality of seed. A guide to the volume of mixture required for even coverage is 400-600mL (i.e. TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment plus water) with each 100kg of seed.

Lower mixture rates can be used when the seed is treated professionally. If using container rinsings, do not exceed a total application volume (product plus water) of 600mL/100kg seed. Ensure good agitation of product before application to seed. Ensure proper calibration of equipment before and during application. Thoroughly coat seed. Allow seed to dry before handling.

STORAGE OF TREATED SEED

DO NOT store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. If the seed is not used immediately after treatment it should be stored in a dry, well ventilated place. Although TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment has no effect on the viability of treated seed, subsequent germination can be adversely affected by poor storage conditions such as high moisture combined with high temperatures. No liability can therefore be accepted for the performance of stored treated seed.

COMPATIBILITY

Please check with your distributor or local TITAN AG representative before applying TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment to pre-treated seed, or in combination with other seed treatment products.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment and other Group 4A insecticides are used repeatedly. The effectiveness of TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, TITAN Ag Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment to control resistant insects. TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment may be subject to specific resistance management strategies. For further information contact your local supplier, TITAN AG representative or local agricultural department agronomist.

FUNGICIDE RESISTANCE WARNING

TITAN Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment 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 and 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 result from failure of this product to control resistant fungi.

PRECAUTIONS

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product.

DO NOT allow seed treated with this product to contaminate seed intended for human consumption.

DO NOT use treated seed for human consumption. Bags which have held treated seed are not to be used for any other purpose.



PROTECTION OF LIVESTOCK

Seed treated with this product must not be used for animal consumption or poultry feed or mixed with animal feed.
DO NOT allow seed treated with this product to contaminate seed intended for animal consumption.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or watercourses with this chemical, used containers or bags which have held treated seed.
DO NOT feed treated seed or otherwise expose to wild or domestic birds. Any spillages of treated seed, however minor, must be cleaned up immediately, preferably by recovery and re-use. If disposal is required, ensure treated seeds are thoroughly buried and not accessible to birds and other wildlife.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical 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.

Treated Seed and Containers of Treated Seed

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product.

DO NOT use treated seed for human consumption.

Bags which have held treated seed are not to be used for any other purpose.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale vapour or spray mist. Repeated exposure may cause allergic disorders. When opening the container, mixing and loading wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves and half face piece respirator. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

Re-entry or Re-handling Statement: DO NOT handle treated seed until it has dried unless wearing cotton overalls buttoned to the neck and wrist and chemical resistant gloves. Clothing must be laundered after each day's use.

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 Imidacloprid 360 + Tebuconazole 12.5 Ultra Seed Treatment is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit 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 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. Very toxic to aquatic life with long lasting effects.
Precautionary Statements: Wash hands 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 if you feel unwell. Rinse mouth. Collect spillage. Dispose of contents/container in accordance with local/regional/national regulations.

