

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

TITAN

Boscalid 500 WG

Fungicide

ACTIVE CONSTITUENT: 500g/kg BOSCALID

GROUP 7 FUNGICIDE

For the control of bunch rot (*Botrytis cinerea*) in grapevines as specified in the Directions for Use.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

APVMA Approval No.: 89260 / 124186

Net Contents: 1-10kg



TITAN AG Pty Ltd
15/16 Princes Street, Newport NSW 2106
Tel 02 9999 6655 Fax 02 9999 0483
www.titanag.com.au

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:

Restraints: DO NOT apply by aerial application.

DO NOT treat vineyards that will or may be grazed by livestock.

| CROP | DISEASE | RATE | WHP | CRITICAL COMMENTS |
|------------|---------------------------------------|--|---|---|
| Grapevines | Bunch Rot (<i>Botrytis cinerea</i>) | Dilute spray 120g/100L water Concentrate spray Refer to the Application section | Harvest 4 weeks Grazing DO NOT treat vineyards that will or may be grazed by livestock | Apply as part of a Botrytis bunch rot program: In a 3 spray program, apply only 1 spray of TITAN Boscalid 500 WG Fungicide. In a 4 spray program, apply only 2 sprays of TITAN Boscalid 500 WG Fungicide. DO NOT apply consecutive sprays of TITAN Boscalid 500 WG Fungicide. The ideal timing for the first spray is 5% capfall. DO NOT apply after 5% capfall on grapes grown for wine export. Applications can also be made at 80% capfall, pre-bunch closure, veraison or 4 weeks prior to harvest on table grapes or grapes for domestic wine. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use in equipment that requires rates greater than 600g/100L (5X concentration). DO NOT apply in volumes less than 250L/ha. |

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

WITHHOLDING PERIODS:

GRAPEVINES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

GRAZING GRAPEVINES: DO NOT TREAT VINEYARDS THAT WILL OR MAY BE GRAZED BY LIVESTOCK.

EXPORT OF TREATED PRODUCE: Growers should note that suitable Maximum Residue Limits (MRLs) or import tolerances may not exist in all export markets for crops treated with TITAN Boscalid 500 WG Fungicide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing fruit for export (including fresh, dried or as wine) please check with your industry spray diary, peak industry body (such as the Australian Wine Research Institute www.awri.com.au) or TITAN AG for the latest information on MRLs and import tolerances before using TITAN Boscalid 500 WG Fungicide.

GENERAL INSTRUCTIONS

TITAN Boscalid 500 WG Fungicide is a systemic anilide fungicide recommended for the control of Bunch Rot (*Botrytis cinerea*) in grapevines. Optimum disease control is achieved when TITAN Boscalid 500 WG Fungicide is applied in a regularly scheduled preventative spray program and is used in a rotational program with other effective fungicides. Because of its high specific activity, TITAN Boscalid 500 WG Fungicide has good residual activity against target fungi.

MIXING

Partly fill the spray tank with water and add the required amount of product while stirring. If required, add compatible products and agitate thoroughly. Continue agitation as filling of the tank is completed.

Agitate again before spraying commences. If tank mixing with other water dispersible granule (WG) or wettable powder (WP) formulations, ensure they are mixed in well before adding emulsifiable concentrate (EC) or suspension concentration (SC) products. WP formulations should be pre-mixed separately prior to adding to the spray tank.

APPLICATION

Dilute spraying

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate spraying

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.

- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (See Dilute spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.

The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY

Dilute spray volume as determined above: For example 1500L/ha

Your chosen concentrate spray volume: For example 500L/ha

The concentration factor in this example is: $3x$ (i.e. $1500L \div 500L = 3$)

If the dilute label rate is 120g/100L, then the concentrate rate becomes $3x$ 120, that is 360g/100L of concentrate spray.

- The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows.
- For concentrate application, DO NOT use in equipment that requires greater than 600g/100L (5x concentration). DO NOT apply in volumes less than 250L/ha.
- For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

COMPATIBILITY

TITAN Boscalid 500 WG Fungicide is compatible with metiram (700g/kg), mancozeb (750g/kg or 420g/L). TITAN Boscalid 500 WG Fungicide is also compatible with a wide range of agricultural chemicals. A jar test with local water should be conducted before using any new tank mixtures with TITAN Boscalid 500 WG Fungicide. For further information on compatibility please contact your local reseller or TITAN AG representative.

FUNGICIDE RESISTANCE WARNING

TITAN Boscalid 500 WG Fungicide is a member of the oxathiin group of fungicides. For fungicide resistance management TITAN Boscalid 500 WG Fungicide is a Group 7 Fungicide. Some naturally occurring individual fungi resistant to the product and other Group 7 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. The resistant fungi

GROUP **7** FUNGICIDE

will not be controlled by TITAN Boscalid 500 WG Fungicide or other Group 7 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 TITAN Boscalid 500 WG Fungicide to control resistant fungi.

RE-ENTRY PERIODS

DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and the wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic life. DO NOT contaminate streams, rivers or watercourses with this product or used containers.

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, 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.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat and elbow length PVC gloves. After each day's use, wash gloves and contaminated clothing. Wash hands after 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 Boscalid 500 WG Fungicide 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: Toxic to aquatic life with long lasting effects. Precautionary Statements: Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with local/regional/national regulations.

