

# POISON

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

# VETERAN<sup>®</sup> Plus

## Seed Treatment

ACTIVE CONSTITUENTS: 180 g/L IMIDACLOPRID  
6.25 g/L FLUTRIAFOL

GROUP	<b>4A</b>	INSECTICIDE
GROUP	<b>3</b>	FUNGICIDE

Seed dressing for the control of bunt, loose smut and flag smut in wheat, covered smut and loose smut in barley and oats, loose smut in triticale and the prevention of spread of barley yellow dwarf virus and for protection against insect pests of stored seed grain.

**CONTENTS: 10-20L & 100-1000L**

Crop Care Australasia Pty Ltd, Unit 17/16 Metroplex Avenue, Murarrie Qld 4172

## DIRECTIONS FOR USE

**RESTRAINTS:** DO NOT carry over treated seed from one season to the next as seedling emergence may be reduced or slowed in the following season.

CROP	DISEASE/PEST	RATE PER 100 kg SEED	CRITICAL COMMENTS
Wheat Barley Oats	Feeding damage caused by wheat aphid and corn aphid	400 mL	<p>Ensure even and thorough coverage of the seed. It is recommended that VETERAN PLUS be applied neat or diluted with 200 mL of water to achieve a total volume of 600 mL of mixture (water + product) with each 100 kg seed. Do not exceed this total volume.</p> <p>In high risk areas with over 500mm rain or moderate risk areas with over 400mm rain in seasons following summer rains, apply a registered synthetic pyrethroid such as Mascot® Duo, 10-12 weeks after sowing if aphid pressure persists or increases.</p> <p>When used for treatment of seed for infield control of cereal aphids and various diseases, VETERAN PLUS will provide protection against damage from these storage pests for at least 6 months after treatment in storage.</p>
	Spread of barley yellow dwarf virus		
	<p><b>Protection against insect pests of stored seed grain:</b></p> <p>Indian meal moth (<i>Plodia interpunctella</i>)                      Psocids (<i>Liposcelis bostrychophila</i>, <i>L. entomophila</i>, <i>L. decolor</i> and <i>L. paeta</i>)                      Granary weevil (<i>Sitophilus granarius</i>)                      Lesser grain borer (<i>Rhyzopertha dominica</i>)                      Rice weevil (<i>Sitophilus oryzae</i>)                      Rust red flour beetle (<i>Tribolium castaneum</i>)                      Saw tooth flour beetle (<i>Oryzaephilus surinamensis</i>)                      Flat grain beetle (<i>Cryptolestes ferrugineus</i>)</p>		
Wheat	Bunt ( <i>Tilletia foetida</i> , <i>T. caries</i> ) Loose smut ( <i>Ustilago nuda</i> ) Seedborne flag smut ( <i>Urocystis agropyri</i> ) Soilborne flag smut ( <i>Urocystis agropyri</i> )	<p>Ensure even and thorough coverage of the seed. It is recommended that VETERAN PLUS be applied neat or diluted with 200 mL of water to achieve a total volume of 600 mL of mixture (water + product) with each 100 kg seed. Do not exceed this total volume.</p> <p>Reduced emergence may occur if seed is treated with flutriafol sown to a depth greater than 5cm or into soil at a temperature less than 5°C or greater than 20°C.</p>	
Barley	Covered smut ( <i>Ustilago hordei</i> ) Loose smut ( <i>Ustilago nuda</i> )		
Oats	Covered smut ( <i>Ustilago hordei</i> ) Loose smut ( <i>Ustilago avenae</i> )		
Triticale	Loose smut ( <i>Ustilago nuda</i> )		

**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 OR CUT FOR STOCK FOOD WITHIN 9 WEEKS OF SOWING.**

## GENERAL INSTRUCTIONS

Protection from smuts and bunts will only be achieved if all grains are treated. Therefore ensure that the application equipment is correctly set up to achieve this.

### Insecticide Resistance Warning

GROUP
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4A
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INSECTICIDE
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For insecticide resistance management, VETERAN PLUS Seed Treatment is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to VETERAN PLUS 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 VETERAN PLUS or other Group 4A insecticides are used repeatedly. The effectiveness of VETERAN PLUS on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Crop Care Australasia Pty Ltd accepts no liability for any losses that may result from the failure of VETERAN PLUS to control resistant insects.

VETERAN PLUS may be subject to specific resistance management strategies. For further information contact your local supplier, Crop Care Australasia Pty Ltd representative or local agricultural department agronomist.

### Fungicide Resistance Warning

GROUP
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3
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FUNGICIDE
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VETERAN PLUS 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 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, Crop Care Australasia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

### Mixing

Shake the container vigorously before using. Add the required volume of VETERAN PLUS to the water whilst agitating. It is recommended that VETERAN PLUS be applied neat or diluted with 200 mL of water to achieve a total volume of 600 mL of mixture (water + product) with each 100 kg seed. Do not exceed this total volume.

The mixture should be gently stirred regularly. If allowed to stand for long periods eg. overnight, agitate thoroughly before using. DO NOT allow to stand for more than 24 hours.

### Application

Choose the lowest application volume necessary to give full coverage of seed with the equipment to be used. Application volumes greater than 600mL are likely to result in excessive wetting of the seed. To achieve disease control, it is essential that the correct quantity of VETERAN PLUS is applied to the grain. It is also essential that each grain is properly treated. For information about suitable application equipment and calibration, contact your supplier of VETERAN PLUS or a Crop Care Australasia Pty Ltd representative. Wash equipment thoroughly with water after application.

### Seed Quality

VETERAN PLUS 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 VETERAN PLUS as directed may raise the moisture level of the seed by up to 0.6%, depending on conditions at treatment.

### Compatibility

Do not mix with any other product.

## PRECAUTIONS

When treated seed is stored, it should be kept apart from other grain or seeds, and the containers or bags should be clearly marked to show that the contents have been treated with VETERAN PLUS. DO NOT use treated seed for animal or human consumption. DO NOT allow treated seed to contaminate grain/other seed intended for animal or human consumption. DO NOT feed treated seed, or otherwise expose, to wild or domestic birds. Bags which have held treated seed should not be used for any other

purpose. Any seed not used for sowing should be destroyed. DO NOT carry over treated seed from season to season.

#### **RE-ENTRY/RE-HANDLING**

- Do not allow entry into treated areas until the seeds have dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves.
- Do not allow handling of treated seeds during bagging or sowing unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves.
- When handling the treated seed workers should wear a disposable dust mask to mitigate possible respiratory irritation.
- Clothing must be laundered after each day's use.

#### **PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

Short coleoptile cultivars should not be sown too deep. In some situations trifluralin herbicides and triazole fungicides interact to suppress emergence, if possible avoid this contamination.

#### **PROTECTION OF LIVESTOCK**

DO NOT feed treated seed to animals, including poultry. Seed should not be left exposed on the ground (particularly during sowing).

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT feed treated seed or otherwise expose to wildlife or domestic birds. DO NOT contaminate streams, rivers or waterways with the chemical, used containers, treated seed or bags which have held treated seed.

#### **STORAGE AND DISPOSAL (10-20L)**

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 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 for appropriate disposal 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.

#### **STORAGE AND DISPOSAL (100-1000L)**

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### **SAFETY DIRECTIONS**

Harmful if swallowed. May irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container, mixing and loading, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. 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 13 11 26.

#### **MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet which is available from your supplier or from the Crop Care website: [www.cropcare.com.au](http://www.cropcare.com.au)

#### **CONDITIONS OF SALE**

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient

part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

In a Transport Emergency Dial <b>000</b> Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY <b>1800 033 498</b> ALL HOURS – AUSTRALIA WIDE
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® Mascot is a registered trademark.



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Insert barcodes, label  
codes and *drumMUSTER*  
logo as appropriate

APVMA Approval No.: 63978/100865

BN:

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