

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

*Crop Care*  
**JOCKEY®**  
**Systemic Seed Treatment**

ACTIVE CONSTITUENT: 167 g/L FLUQUINCONAZOLE

GROUP	<b>3</b>	FUNGICIDE
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For the control of a range of foliar and head diseases in wheat and barley, plus the suppression of take-all, septoria tritici and glume blotch in wheat, net form net blotch in barley and blackleg in canola.

**CONTENTS: 10L, 100-1000L**

Crop Care Australasia Pty Ltd, Unit 15/16 Metroplex Avenue, Murarrie Qld 4172

## DIRECTIONS FOR USE

### Restrictions

DO NOT apply to damaged, shot or pinched seed.

DO NOT apply treated seed from aircraft.

CROP	DISEASE	APPLICATION RATE	CRITICAL COMMENTS
Wheat	Take-all (suppression) ( <i>Gaeumannomyces graminis</i> ) Common bunt ( <i>Tilletia</i> spp.) Seed- and soil-borne Flag smut ( <i>Urocystis agropyri</i> ) Loose smut ( <i>Ustilago tritici</i> ) Leaf rust * ( <i>Puccinia triticina</i> ) Septoria tritici blotch (suppression) ( <i>Mycosphaerella graminicola</i> ) Glume blotch (suppression) ( <i>Stagonospora nodorum</i> )	<u>Undiluted</u> 4.5 L/tonne of seed  <u>Diluted</u> 4.5 L plus up to 1.5 L of water/tonne of seed	Ensure even and thorough coverage of seed. Apply with an applicator designed for liquid seed treatments. Calibrate application equipment for the flow rate of the grain. JOCKEY may be diluted with water prior to application to improve coverage. If applying dilute, or in mixtures the maximum recommended application volume is 6 L per tonne of seed.  * Leaf rust will be controlled for up to 4 weeks after sowing, with good suppression thereafter.
	Stripe rust ** ( <i>Puccinia striiformis</i> f. sp. <i>tritici</i> )	<u>Undiluted</u> 3.0 L/tonne of seed  <u>Diluted</u> 3.0 L plus up to 3.0 L of water/tonne of seed	**Stripe rust will be controlled up to flag leaf emergence.
Barley	Barley leaf scald <sup>#</sup> ( <i>Rhynchosporium secalis</i> )	<u>Undiluted</u> 3.0 L/tonne of seed  <u>Diluted</u> 3.0 L plus up to 3.0 L of water/tonne of seed	Ensure even and thorough coverage of seed. Apply with an applicator designed for liquid seed treatments. Calibrate application equipment for the flow rate of the grain. JOCKEY may be diluted with water prior to application to improve coverage. If applying dilute, or in mixtures the maximum recommended application volume is 6 L per tonne of seed.
	Powdery mildew <sup>#</sup> ( <i>Blumeria graminis</i> f.sp. <i>hordei</i> ) Net form net blotch (suppression) ( <i>Pyrenophora teres</i> f.sp. <i>teres</i> )	<u>Undiluted</u> 4.5 L/tonne of seed  <u>Diluted</u> 4.5 L plus up to 1.5 L of water/tonne of seed	<sup>#</sup> Barley leaf scald and Powdery mildew will be controlled up to flag leaf emergence.
Canola	Blackleg (suppression) ( <i>Leptosphaeria maculans</i> )	20 L/tonne of seed	Ensure even coverage of seed. Apply undiluted with an applicator designed for liquid seed treatments. Calibrate application equipment for the flow rate of the grain.

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

### WITHHOLDING PERIODS

#### *Wheat and Barley*

**Harvest:** NOT REQUIRED WHEN USED AS DIRECTED

**Grazing:** DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN 6 WEEKS OF SOWING.  
LIVESTOCK PRODUCING MILK FOR HUMAN CONSUMPTION: DO NOT GRAZE WITHIN 12 WEEKS OF SOWING.

**Canola**

**Harvest:** NOT REQUIRED WHEN USED AS DIRECTED  
**Grazing:** DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD WITHIN 8 WEEKS OF SOWING.

**LIVESTOCK DESTINED FOR EXPORT MARKETS:**

The grazing withholding periods apply to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that the Export Slaughter Interval is observed.

**Export Slaughter Interval (ESI) – 7 weeks:** In addition to complying with the grazing withholding period, the Export Slaughter Interval must be observed before stock are sold or slaughtered. Livestock that have been grazing on or fed crops grown from treated seed should be placed on clean feed for 7 weeks prior to export slaughter.

**GENERAL INSTRUCTIONS**

JOCKEY is a novel quinazoline-based triazole fungicide for the protection of wheat against the root disease, take-all and protection of canola against blackleg.

When JOCKEY is applied as a seed treatment to wheat, the development of take-all is suppressed. Suppression of take-all with JOCKEY is characterised by reduced root lesions and a reduced number of whiteheads.

JOCKEY also provides season long control of common bunt, seed- and soil-borne flag smut and loose smut in wheat. In addition JOCKEY provides early season control of leaf rust, stripe rust and suppression of septoria tritici blotch and glume blotch in wheat. Suppression of septoria tritici blotch with JOCKEY results in a reduction in the visible symptoms of this disease.

When applied to barley, JOCKEY provides control of barley leaf scald and powdery mildew up to flag leaf emergence and suppression of net form net blotch.

When JOCKEY is applied as a seed treatment to canola, the development of blackleg disease is suppressed. Suppression of blackleg with JOCKEY is characterised by reduced leaf infection, reduced plant lodging and increased plant survival.

JOCKEY is applied to wheat, barley and canola seed prior to sowing. The low water solubility of the active ingredient, fluquinconazole, allows extended uptake for long lasting protection of the plant, thus reducing the yield decline commonly associated with the above-mentioned root, grain and foliar diseases.

JOCKEY contains a red pigment so that treated grain can be easily identified.

**Fungicide Resistance Warning**

<b>GROUP</b>	<b>3</b>	<b>FUNGICIDE</b>
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Crop Care JOCKEY Systemic 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.

**Application**

JOCKEY is applied to seed prior to sowing. Application must be conducted with a seed treatment machine suitable for flowable seed dressings, with an adjustable output. The equipment must be calibrated for the flow rate of the seed, to ensure even coverage and correct application rates. For best results, JOCKEY should be used to treat only undamaged seed of high viability.

**Wheat and Barley:** JOCKEY is a water based flowable product that can be applied neat or diluted with water. When applying the diluted product, prepare sufficient solution for the quantity of grain to be treated. Do not store diluted product. If applying dilute or in mixtures, the maximum recommended application volume is 6L per tonne of seed.

**Canola:** Apply JOCKEY neat to canola seed. Do not add water.

### **Mixing Instructions**

**Wheat and Barley only:** If mixing other compatible products or water with JOCKEY, mix only sufficient product for immediate use. Add the required compatible product or water to JOCKEY and agitate thoroughly by shaking, rolling or stirring. Do not allow mixed product to stand for more than five hours without further agitation.

### **Compatibility**

JOCKEY may be applied with suspension concentrate imidacloprid seed treatments.

**Wheat and Barley only:** JOCKEY is compatible with 'Veteran' C, 'Vincit' C, 'Vitaflo' C (up to 1.25 L/tonne) and tebuconazole + cypermethrin suspension concentrate seed treatments.

Where additional protection against grain storage pests is required, Crop Care Australasia Pty Ltd recommends a mixture of JOCKEY with deltamethrin SC products or other registered grain protection insecticides. Refer to the product label for application information.

### **Crop Safety**

**Canola:** JOCKEY may shorten the hypocotyl length of canola. To avoid possible negative effects, Crop Care Australasia Pty Ltd recommends following good canola sowing practices. Avoid sowing JOCKEY treated canola deeper than 20 mm, or into soils prone to crusting. Ensure JOCKEY treated seed is sown in the season of treatment.

### **PRECAUTIONS**

DO NOT use treated seed for human or animal consumption. DO NOT allow treated seed to contaminate grain or other seed intended for human or animal consumption.

### **PROTECTION OF LIVESTOCK**

DO NOT feed treated seed to livestock, including poultry.

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

Treated seed could be harmful to game and wildlife.

DO NOT feed treated seed to wild or domestic birds. Any spillage of treated seed, however minor, must be cleaned up immediately, preferably recovered and used.

DO NOT contaminate streams, rivers or waterways with either this product, washings of this product, treated seed, or any container which has held product (see Storage and Disposal for directions).

### **STORAGE AND DISPOSAL**

#### **Product and original container (10L)**

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 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.

#### **Product and original container (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.

### **Application equipment**

Rinse all application equipment with clean water immediately after use and dispose of rinsings in a dedicated disposal pit, specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

### Treated seed and containers of treated seed

Store treated seed in clearly marked bags or silos, away from other grain, animal feed or foodstuffs, in a cool, dry storage area. Do not use treated seed for human or animal consumption. If disposal of treated seed is necessary e.g. when cleaning up spillages, bury seed below 500 mm in a suitably located disposal pit, as described above. Do not use bags that have contained treated seed for any other purpose.

### SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes. Avoid contact with eyes. When preparing the mixture and using the prepared mixture wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves and goggles. Wash hands after use. After each day's use, wash gloves, goggles 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 can be obtained 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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Insert barcodes, label  
codes and  
*drumMUSTER* logo as  
appropriate

APVMA Approval No. : 61019/10L/0510  
61019/100-1000L/0510

BN :

DOM :