

# POISON

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

# INTAKE<sup>®</sup> HILOAD GOLD IN-FURROW AND FOLIAR FUNGICIDE

ACTIVE CONSTITUENT: 500g/L FLUTRIAFOL

GROUP	<b>3</b>	FUNGICIDE
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For control of certain fungal diseases on wheat, barley and canola when mixed with fertiliser or applied as a foliar spray as per the directions for use table.

## CONTENTS: 5-20 & 100-1000 LITRES

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

**DIRECTIONS FOR USE: ALL STATES**

**Restrictions:** DO NOT use open loading and mixing for aerial application.

**A. INTAKE HILOAD GOLD APPLIED IN-FURROW AS A FERTILISER TREATMENT**

Crop	Disease	Rate per hectare	WHP	Critical Comments												
Canola	Blackleg ( <i>Leptosphaeria maculans</i> )	200mL	4 weeks Grazing	<p>Treatment will reduce blackleg infection in both susceptible and tolerant canola varieties.</p> <p><b>Application: Granulated Fertiliser</b>                      Spray undiluted product evenly onto granulated fertiliser and immediately mix thoroughly in a mechanical mixer or auger. Apply at a rate which will deposit 200mL of the product on the quantity of fertiliser required to be sown in furrow per hectare, using the table below as a guide.</p> <table data-bbox="1176 555 2004 774"> <thead> <tr> <th data-bbox="1176 555 1384 619"><u>Fertiliser rate per hectare (kg)</u></th> <th data-bbox="1653 555 2004 619"><u>Volume of product per 100kg of fertiliser (mL)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="1256 619 1303 643">60</td> <td data-bbox="1800 619 1859 643">333</td> </tr> <tr> <td data-bbox="1256 643 1303 671">70</td> <td data-bbox="1800 643 1859 671">286</td> </tr> <tr> <td data-bbox="1256 671 1303 700">80</td> <td data-bbox="1800 671 1859 700">250</td> </tr> <tr> <td data-bbox="1256 700 1303 729">100</td> <td data-bbox="1800 700 1859 729">200<sup>†</sup></td> </tr> <tr> <td data-bbox="1256 729 1303 758">120</td> <td data-bbox="1800 729 1859 758">167<sup>†</sup></td> </tr> </tbody> </table> <p><sup>†</sup> Where application volume is low, product may be diluted with water to improve coverage.</p>	<u>Fertiliser rate per hectare (kg)</u>	<u>Volume of product per 100kg of fertiliser (mL)</u>	60	333	70	286	80	250	100	200 <sup>†</sup>	120	167 <sup>†</sup>
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Crop	Disease	Rate per hectare	WHP	Critical Comments																																							
Wheat	Stripe rust ( <i>Puccinia striiformis</i> f.sp. <i>tritici</i> )	100 to 400mL	4 weeks Grazing	<p>For stripe rust control in wheat use 100 to 200mL/ha where up to 100 days protection is required and where heavy stripe rust pressure is expected use 200mL/ha only. Use 300 to 400mL/ha when 120 to 130 days protection is required and where heavy stripe rust pressure is expected, use 400mL/ha only.</p> <p>For control of powdery mildew and scald of barley, use 100 to 200mL/ha where up to 80 days protection is required and where heavy disease pressure is expected use 200mL/ha. Use 300mL/ha when 100 days protection is required and 400mL/ha for up to 120 days protection from powdery mildew and scald.</p> <p>For suppression of net form net blotch for up to 110 days after sowing use 300 to 400mL/ha.</p> <p><b>Application: Granulated Fertiliser</b> 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.</p> <table border="1"> <thead> <tr> <th rowspan="2">Granular Fertiliser Rate (kg/ha)</th> <th colspan="4">Volume of Product per 100kg of Granular Fertiliser (mL/100kg)</th> </tr> <tr> <th>100mL rate</th> <th>200mL rate</th> <th>300mL rate</th> <th>400mL rate</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>200<sup>†</sup></td> <td>400</td> <td>600</td> <td>800*</td> </tr> <tr> <td>60</td> <td>167<sup>†</sup></td> <td>333</td> <td>500</td> <td>667*</td> </tr> <tr> <td>70</td> <td>143<sup>†</sup></td> <td>286</td> <td>429</td> <td>571</td> </tr> <tr> <td>80</td> <td>125<sup>†</sup></td> <td>250</td> <td>375</td> <td>500</td> </tr> <tr> <td>100</td> <td>100<sup>†</sup></td> <td>200<sup>†</sup></td> <td>300</td> <td>400</td> </tr> <tr> <td>120</td> <td>83<sup>†</sup></td> <td>167<sup>†</sup></td> <td>250</td> <td>333</td> </tr> </tbody> </table> <p>* 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, product may be diluted with water to improve coverage.</p> <p><b>Cont.</b></p>	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 <sup>†</sup>	400	600	800*	60	167 <sup>†</sup>	333	500	667*	70	143 <sup>†</sup>	286	429	571	80	125 <sup>†</sup>	250	375	500	100	100 <sup>†</sup>	200 <sup>†</sup>	300	400	120	83 <sup>†</sup>	167 <sup>†</sup>	250	333
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	Septoria tritici blotch ( <i>Mycosphaerella graminicola</i> ) Take-all ( <i>Geaumannomyces graminis</i> )	200mL																																									
Barley	Powdery mildew ( <i>Blumeria graminis</i> f.sp. <i>hordei</i> ) Scald ( <i>Rhynchosporium secalis</i> )	100 to 400mL																																									
	Net Form Net Blotch ( <i>Pyrenophora teres</i> f.sp. <i>teres</i> ) (Suppression only)	300 to 400mL																																									

**Application: Liquid Fertiliser (Urea/Ammonium Nitrate Solutions)**

Premixing of INTAKE HILOAD GOLD with water is recommended. A mixing ratio of 2:1 to 4:1 parts water to INTAKE HILOAD GOLD is advised. Add the premix to the liquid fertiliser (UAN solutions) in a suitable mixing tank and mix thoroughly. 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 liquid fertiliser required to be injected in-furrow per hectare, using the table below as a guide.

Liquid Fertiliser Rate* (L/ha)	Volume of Product per 100L 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.

## B. INTAKE HILOAD GOLD APPLIED AS A FOLIAR SPRAY

Crop	Disease	Rate per hectare	WHP	Critical Comments
Wheat	Stripe rust ( <i>Puccinia striiformis</i> f.sp. <i>tritici</i> )	125mL - 250mL  <b>Ground Application</b>	7 weeks Harvest or Grazing	Apply when stripe rust 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 two applications 3 - 4 weeks apart at the low rate.
	Leaf rust ( <i>P. recondita</i> ) Septoria nodorum blotch ( <i>Septoria nodorum</i> ) Septoria tritici blotch ( <i>Mycosphaerella graminicola</i> )	Apply in 100 - 150L water plus 200mL 'BS 1000' per 100L of spray solution.		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 favourable to severe disease persist during flowering, use a single application at the higher rate, or two applications 3 - 4 weeks apart at the low rate.
Barley	Powdery mildew ( <i>Blumeria graminis</i> f.sp. <i>hordei</i> )	<b>Aerial Application</b> Apply in a minimum of 15L water plus 200mL 'BS 1000' per 100L of spray solution.	10 weeks Harvest or Grazing	Apply when powdery mildew first appears. The high rate of application gives a longer period of protection than the low rate. Where conditions favourable to severe disease persist, a single application at the higher rate, or two applications 3 - 4 weeks apart at the low rate, may be required.

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

### WITHHOLDING PERIODS

#### A. APPLIED IN-FURROW AS A FERTILISER TREATMENT

CANOLA, WHEAT AND BARLEY - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER SOWING.

#### B. 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

#### Granulated Fertiliser

To determine the correct volume of INTAKE HILOAD GOLD required to be applied to the fertiliser, refer to the Critical Comments in the Directions for Use table which provides a guide based on a range of common fertiliser application rates. 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.

#### Liquid Fertiliser

Premixing of INTAKE HILOAD GOLD with water is recommended. A mixing ratio of 2:1 to 4:1 parts water to INTAKE HILOAD GOLD is preferred. Add the required volume of INTAKE HILOAD GOLD premix with the liquid fertiliser in a mixing tank as recommended in the table in the critical comments of the DIRECTIONS FOR USE table. 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 apply as a broadcast spray. Do not mix seed with the premix of liquid fertiliser and INTAKE HILOAD GOLD.

### Foliar Application

Check the crop carefully and regularly. Spray only if there is sufficient time in the season for the rust to develop to a level on the variety in question when it will cause significant yield loss.

### Compatibility

INTAKE HILOAD GOLD is compatible with the liquid fertilizers – Flexi N<sup>®</sup>, Flexi NK<sup>®</sup>, Flexi NS<sup>®</sup>, Easy N and UAN. Agitation of the liquid fertilizer prior to and during addition of INTAKE HILOAD GOLD is required. Maintain agitation of the mix during application.

### Re-entry or Re-handling Statement

Do not allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

### FUNGICIDE RESISTANCE WARNING

GROUP	<b>3</b>	FUNGICIDE
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INTAKE HILOAD GOLD IN-FURROW AND FOLIAR FUNGICIDE is a member of the DMI group of fungicides. For fungicide resistance management INTAKE HILOAD GOLD is a Group 3 fungicide. Some naturally occurring individual fungi resistant to INTAKE HILOAD GOLD 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 INTAKE HILOAD GOLD 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 INTAKE HILOAD GOLD to control resistant fungi. Resistance should not be assumed without first reviewing the method of application, the coverage and the timing of application.

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

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

## **STORAGE AND DISPOSAL (5 - 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.

Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Crop Care Australasia Pty Ltd should be advised immediately.

This container is reusable and remains the property of Crop Care Australasia Pty Ltd. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to Crop Care Australasia Pty Ltd for cleaning, relabelling and refilling.

## **SAFETY DIRECTIONS**

Will irritate the eyes. May irritate the skin. Avoid contact with eyes and skin. When using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and face shield or 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)

## **Condition 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 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 498 ALL HOURS – AUSTRALIA WIDE
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'Intake', 'Flexi-N', 'Flexi-NK' and 'Flexi NS' are registered trademarks.



Crop Care Australasia Pty Ltd  
ACN 061 362 347  
Unit 17/16 Metroplex Avenue  
Murarrie Qld 4172  
Tel : (07) 3909 2000

Insert barcodes,  
label code and  
drumMUSTER  
logo as required

APVMA Approval No.: 64077/61303

BN  
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