

POISON

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

IMPACT[®]
**IN-FURROW AND FOLIAR
FUNGICIDE**

ACTIVE CONSTITUENT : 250g/L FLUTRIAFOL

GROUP	C	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: 10, 110, 200 & 1000
LITRES**

Crop Care Australasia Pty Ltd, 77 Tingira Street, Pinkenba Qld 4008

DIRECTIONS FOR USE : ALL STATES

A. IMPACT APPLIED IN-FURROW AS A FERTILISER TREATMENT

Crop	Disease	Rate per hectare	WHP	Critical Comments																							
Canola	Blackleg (<i>Leptosphaeria maculans</i>)	400mL	4 weeks Grazing	<p>Treatment will reduce blackleg infection in both susceptible and tolerant canola varieties.</p> <p>Application: Spray undiluted product evenly onto granulated fertiliser and immediately mix thoroughly in a mechanical mixer or auger. Apply at a rate which will deposit 400mL 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>Fertiliser rate per hectare (kg)</th> <th>Volume of product per 100kg of fertiliser (mL)</th> </tr> </thead> <tbody> <tr> <td>60</td> <td>667*</td> </tr> <tr> <td>70</td> <td>571</td> </tr> <tr> <td>80</td> <td>500</td> </tr> <tr> <td>100</td> <td>400</td> </tr> <tr> <td>120</td> <td>333</td> </tr> </tbody> </table>	Fertiliser rate per hectare (kg)	Volume of product per 100kg of fertiliser (mL)	60	667*	70	571	80	500	100	400	120	333											
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Wheat	Stripe rust (<i>Puccinia striiformis</i>)	200 or 400mL		<p>For control of stripe rust of wheat and control of powdery mildew and scald of barley, use the high rate where conditions conducive to severe disease are expected.</p> <p>Application: 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">Fertiliser rate per hectare (kg)</th> <th colspan="2">Volume of product per 100kg of fertiliser (mL)</th> </tr> <tr> <th>200mL rate</th> <th>400mL rate</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>400</td> <td>800*</td> </tr> <tr> <td>60</td> <td>333</td> <td>667*</td> </tr> <tr> <td>70</td> <td>286</td> <td>571</td> </tr> <tr> <td>80</td> <td>250[†]</td> <td>500</td> </tr> <tr> <td>100</td> <td>200[†]</td> <td>400</td> </tr> <tr> <td>120</td> <td>167[†]</td> <td>333</td> </tr> </tbody> </table> <p>* Application volumes over 600mL per 100kg of fertiliser may adversely effect the flow rate and handling characteristics of dusty/poorly granulated fertilisers and some high nitrate fertilisers.</p> <p>[†] Where application volume is low, product may be diluted with water to improve coverage.</p>	Fertiliser rate per hectare (kg)	Volume of product per 100kg of fertiliser (mL)		200mL rate	400mL rate	50	400	800*	60	333	667*	70	286	571	80	250 [†]	500	100	200 [†]	400	120	167 [†]	333
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	Septoria tritici blotch (<i>S. tritici</i>) Take-all (<i>Geaumannomyces graminis</i>)	400mL																									
Barley	Powdery mildew (<i>Erysiphe graminis</i>) Scald (<i>Rhynchosporium secalis</i>)	200 or 400mL																									

B. IMPACT APPLIED AS A FOLIAR SPRAY

Crop	Disease	Rate per hectare	WHP	Critical Comments
Wheat	Stripe rust (<i>Puccinia striiformis</i>)	250mL - 500mL Ground Application Apply in 100 -	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>S. tritici</i>)	150L water plus 200mL 'BS 1000' per 100L of spray solution. Aerial Application		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>Erysiphe graminis</i>)	Aerial Application 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

Ensure that treated fertiliser is dry before sowing with the crop.

Sowing : Treated fertiliser should be sown in the same furrow as the seed, not 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.

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.

FUNGICIDE RESISTANCE WARNING

GROUP	C	FUNGICIDE
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IMPACT IN-FURROW AND FOLIAR FUNGICIDE is a member of the DMI group of fungicides. For fungicide resistance management IMPACT IN-FURROW AND FOLIAR FUNGICIDE is a Group C fungicide.

Some naturally occurring individual fungi resistant to IMPACT IN-FURROW AND FOLIAR FUNGICIDE and other Group C 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. These resistant fungi will not be controlled by IMPACT IN-FURROW AND FOLIAR FUNGICIDE or other Group C 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 IMPACT IN-FURROW AND FOLIAR FUNGICIDE 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 (10 & 200L)

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.

STORAGE AND DISPOSAL (110 & 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

Harmful if swallowed. Will irritate the eyes. May irritate the nose and throat and skin. Avoid contact with eyes and skin. Avoid inhaling spray mist. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. 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.

Additional information is listed in the Material Safety Data Sheet No.

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.

<p>In a Transport Emergency Dial 000 Police or Fire Brigade</p>	<p>SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 498 ALL HOURS – AUSTRALIA WIDE</p>
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Insert barcodes,
label code and
drumMUSTER logo
as required

NRA Approval No. : 49781/10L/1103; 49781/110L/1103; 49781/200L/1103; 49781/1000L/1103

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