

**POISON**

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



**Ravensdown**

**Flutriafol**

**IN-FURROW & FOLIAR FUNGICIDE**

**ACTIVE CONSTITUENT: 250g/L FLUTRIAFOL**

GROUP	3	FUNGICIDE
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For the control of certain fungal diseases on wheat, barley and canola when mixed with fertiliser or applied as a foliar spray as specified in the 'Directions for Use' Table.

**CONTENTS:**

**RAVENSDOWN FERTILISER CO-OPERATIVE LIMITED**

2 BIRKSGATE ROAD ROUS HEAD

Locked Bag 10

NORTH FREMANTLE, W.A. 6159

Phone 08 9430 2222 Fax 1800 683 122

ACN 128 889 814

Batch No.:

Date of Manufacturer:

APVMA Approval Number: 58520 / 53693

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple or preferable pressure rinse containers before disposal. Add rinsings to the 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 500 mm 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.

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

## **SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes. May irritate the nose and throat and skin. Avoid contact with eyes and skin. When opening the container, preparing the spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield and 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, goggles and contaminated clothing.

## **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre (Tel: 13 11 26).

## **MATERIAL SAFETY DATA SHEET**

For further information refer to the Material Safety Data Sheet which is available from Ravensdown Fertiliser Cooperative Ltd.

## **CONDITIONS OF SALE**

The use of Ravensdown Flutriafol In-Furrow & Foliar Fungicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Ravensdown Fertiliser Cooperative Limited regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer whether in accordance with the directions or not and Ravensdown Fertiliser Cooperative Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.

<p><b>IN A TRANSPORT EMERGENCY</b> <b>DIAL : 000</b> <b>POLICE OR FIRE BRIGADE</b></p>
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THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER.  
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NORTH FREMANTLE, W.A. 6159  
Phone 08 9430 2222 Fax 1800 683 122  
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## DIRECTIONS FOR USE

### A. Ravensdown Flutriafol In-Furrow as a fertiliser treatment

Crop	Disease	Rate Per Hectare	WHP (Days)	Critical Comments																							
Canola	Blackleg ( <i>Leptosphaeria macularis</i> )	400 mL	4 Weeks grazing	<p>Treatment will reduce blackleg infection in both susceptible and tolerant canola varieties.</p> <p><b>Application:</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 400 mL of the product on the quantity of fertiliser required to be sown in furrow per hectare, using the table below as guide.</p> <table border="1"> <thead> <tr> <th>Fertiliser Rate per Hectare</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	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 400 mL	4 Weeks Grazing	<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><b>Application:</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 guide.</p> <table border="1"> <thead> <tr> <th rowspan="2">Fertiliser Rate per Hectare Kg</th> <th colspan="2">Volume 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>	Fertiliser Rate per Hectare Kg	Volume 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. Intici</i> ), Take – all ( <i>Geaumannomyces graminis</i> )	400 mL																									
Barley	Powdery mildew ( <i>Erysiphe graminis</i> ), Scald ( <i>Rhynchosporium secalis</i> )	200 or 400 mL		<p>* Application volumes over 600 mL per 100 kg of fertiliser may adversely effect the flow rate and handling characteristics of dusty/ poorly granulated fertilizers.</p> <p># Where application volume is low, product may be diluted with water to improve coverage.</p>																							

### B. Ravensdown Flutriafol Applied as a Foliar Spray

Crop	Disease	Rate Per Hectare	WHP (Days)	Critical Comments
Wheat	Stripe rust ( <i>Puccinia Striiformis</i> )	250 - 500 mL	7 Weeks harvest or grazing	<p>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.</p>
	Leaf rust ( <i>Puccinia striiformis</i> ), Septoria nodorum blotch ( <i>Septoria nodorum</i> ), Septoria Tritici blotch ( <i>S. tritici</i> )	<p><b>Ground Application:</b> Apply in 100 – 150 mL water plus 200 mL Ravensdown Wetter 1000 per 100 L of spray solution.</p> <p><b>Aerial Application:</b> Apply in a minimum of 15L water plus 200 mL Ravensdown Wetter 1000 per 100 L of spray solution.</p>		
Barley	Powdery mildew ( <i>Erysiphe graminis</i> )	250 - 500 mL	10 weeks harvest or grazing	<p>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.</p>

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

## WITHHOLDING PERIODS:

### A. Ravensdown Flutriafol Applied In-Furrow as a fertiliser treatment:

**CANOLA, WHEAT and Barley: DO NOT GRAZE OR CUT FOR STOCK FOR 4 WEEKS AFTER SOWING.**

### B. Ravensdown Flutriafol 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 corrected 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	3	FUNGICIDE
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Ravensdown Flutriafol Fungicide is a member of the DMI group of fungicides. For fungicide resistance management Ravensdown Flutriafol Fungicide is a Group 3 fungicide. Some naturally occurring individual fungi resistant to Ravensdown Flutriafol Fungicide 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 Ravensdown Flutriafol Fungicide and 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, Ravensdown Fertiliser Cooperative Limited accepts no liability for any losses that may result from the failure of Ravensdown Flutriafol Fungicide to control resistant fungi. Resistance should not be assumed without first reviewing the method of application, the coverage and the time 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

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