

# POISON

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



**ACTIVE CONSTITUENT:**  
500g/L FLUTRIAFOL

**GROUP 3 FUNGICIDE**

For control of certain fungal diseases on wheat, barley and canola when mixed with granulated or liquid fertiliser or water and applied in-furrow.



**Nufarm**

Grow a better tomorrow.

APVMA Approval No.: 64077/116988

**DIRECTIONS FOR USE****RESTRAINTS**

**DO NOT** apply as a foliar application. For use in-furrow only.

**INTAKE HILOAD GOLD APPLIED IN-FURROW AS A GRANULATED OR LIQUID FERTILISER TREATMENT OR INJECTED WITH WATER**

CROP	DISEASE	RATE PER HECTARE	WHP	CRITICAL COMMENTS
Canola	Blackleg ( <i>Leptosphaeria maculans</i> )	200 to 400mL	Harvest: Not required when used as directed.  Grazing: 4 weeks	Treatment will reduce blackleg infection in both susceptible and tolerant canola varieties. Use the higher rate of application (400mL/ha) when heavy blackleg infection pressure is expected and to reduce stem and crown infection later in the season, particularly on more susceptible varieties. Use only granular fertiliser or injection with water application methods. <b>DO NOT</b> use liquid fertiliser application method on canola.
Wheat	Stripe rust ( <i>Puccinia striiformis</i> f.sp. <i>tritici</i> )	100 to 400mL		For stripe rust control in wheat use: -100 to 200mL/ha where up to 100 days protection is required -300 to 400mL/ha when 120 to 130 days protection is required. Where heavy stripe rust pressure is expected, use 400mL/ha only.
	Septoria tritici blotch ( <i>Mycosphaerella graminicola</i> ) Take-all ( <i>Gaeumannomyces graminis</i> )	200 to 400mL		
Barley	Powdery mildew ( <i>Blumeria graminis</i> f.sp. <i>hordei</i> ) Scald ( <i>Rhynchosporium secalis</i> )	100 to 400mL		For control of powdery mildew and scald of barley use: -100 to 200mL/ha where up to 80 days protection is required -300mL/ha when 100 days protection is required -400mL/ha for up to 120 days protection from powdery mildew and scald. Where heavy powdery mildew and scald pressure is expected, use 400mL/ha only.  For suppression of net form net blotch for up to 110 days after sowing use 300 to 400mL/ha.  For control of barley leaf rust, use 300 to 400mL/ha for up to 8 weeks control. Useful suppression of barley leaf rust will be obtained for up to 16 weeks after sowing particularly at 400mL/ha.
	Net Form Net Blotch ( <i>Pyrenophora teres</i> f.sp. <i>teres</i> ) (Suppression only) Barley leaf rust ( <i>Puccinia hordei</i> )	300 to 400mL		

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

**WITHHOLDING PERIODS****HARVEST:**

**CANOLA, WHEAT AND BARLEY – NOT REQUIRED WHEN USED AS DIRECTED.**

**GRAZING:**

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

**GENERAL INSTRUCTIONS****IN-FURROW GRANULATED FERTILISER 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. 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.

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†	400	600	800*
60	167†	333	500	667*
70	143†	286†	429	571
80	125†	250†	375	500
100	100†	200†	300	400
120	83†	167†	250†	333

\* 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 (below 300 mL of product per 100kg of fertiliser), product may be diluted with water to improve coverage.

**IN-FURROW LIQUID FERTILISER APPLICATION (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. 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** use on canola.

**DO NOT** apply as a broadcast spray.

**DO NOT** mix seed with the premix of liquid fertiliser and INTAKE HILOAD GOLD.

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.

**IN-FURROW INJECTION IN WATER**

Mix the product thoroughly with water in a suitable mixing tank. 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 water required to be injected in-furrow per hectare, using the table below as a guide.

Water Rate (L/ha)	Volume of Product per 100L of Water (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

**FUNGICIDE RESISTANCE WARNING**

<b>GROUP</b>	<b>3</b>	<b>FUNGICIDE</b>
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INTAKE HILOAD GOLD IN-FURROW 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, Nufarm Australia Limited 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.

**COMPATIBILITY**

INTAKE HILOAD GOLD is compatible with the liquid fertilizers – Flexi N\*, Flexi NK\*, Flexi NS\*, 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.

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

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

**STORAGE AND DISPOSAL:**

Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. Protect from frost.

**Non-refillable containers**

Triple-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 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.

**Refillable containers**

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

**SAFETY DIRECTIONS**

Harmful if swallowed or absorbed by skin contact. Will irritate the eyes. May irritate the skin. Avoid contact with eyes and skin. When opening the container, mixing and loading, and preparing spray wear cotton overalls buttoned to the neck and wrist, 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.

**ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)**

**Causes serious eye damage.** Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. IF ON SKIN: Wash with plenty of soap and water.

**SAFETY DATA SHEET**

For further information refer to the Safety Data Sheet (SDS) which can be obtained from your supplier or from the Nufarm website – [www.nufarm.com.au](http://www.nufarm.com.au)

**In case of emergency: Phone 1800 033 498** Ask for shift supervisor. Toll free 24 hours.

**CONDITIONS OF SALE**

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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