

POISON

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

ARROW[®] C

SEED DRESSING FLOWABLE

ACTIVE CONSTITUENTS : 100g/L FLUTRIAFOL
4g/L CYPERMETHRIN

GROUP	3	FUNGICIDE
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GROUP	3A	INSECTICIDE
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Flowable seed dressing treatment for wheat and barley to protect against various diseases and for protection against insect pests of stored grain as per directions for use.

CONTENTS: 10, 100 & 1000 LITRES

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DIRECTIONS FOR USE

Restraint : DO NOT apply Vydate* to seed pre-treated with this product.

Crop	Disease/Pest	State	Rate per 100kg seed	Critical Comments
Wheat	Speckled leaf blotch (<i>Septoria tritici</i>) Stripe/Yellow Rust (<i>Puccinia striiformis</i>) in young crops. Loose Smut (<i>Ustilago segetum</i> var <i>tritici</i>) Soilborne Flag Smut (<i>Urocystis agropyri</i>) Seedborne Flag Smut (<i>Urocystis agropyri</i>) Bunt (<i>Tilletia foetida</i> , <i>T. caries</i>)	Tas, SA, WA, Vic & NSW only	100mL	<p>This product may be applied undiluted OR diluted with up to 500mL of water per 100kg of seed. Seed must be treated to ensure even coverage of all grains, using correctly calibrated seed treatment equipment.</p> <p>Reduced emergence may occur if seed treated with flutriafol is sown to a depth greater than 5cm or in soil at a temperature less than 5°C or greater than 20°C.</p> <p>Seed treatment will give suppression of leaf diseases for up to 8 weeks after sowing.</p>
Barley	Barley Scald (<i>Rhynchosporium secalis</i>) Powdery Mildew (<i>Erysiphe graminis</i>) in young crops Covered Smut (<i>Ustilago segetum</i> var <i>segetum</i>) Loose Smut (<i>Ustilago segetum</i> var <i>tritici</i>)			
Wheat and Barley	Protection against insect pests of stored grains: Lesser grain borer (<i>Rhysopertha dominica</i>) Granary weevil (<i>Sitophilus granarius</i>) Rice weevil (<i>Sitophilus oryzae</i>) Rust-red flour beetle (<i>Tribolium castaneum</i>) Saw toothed grain beetle (<i>Oryzaephilus surinamensis</i>) Tropical warehouse moth (<i>Ephesia cautella</i>)			

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

WITHHOLDING PERIOD

DO NOT GRAZE OR FEED LIVESTOCK ON TREATED CROPS FOR 4 WEEKS AFTER PLANTING.

GENERAL INSTRUCTIONS

Seed may be treated with Arrow C Seed Dressing Flowable at any time from harvesting to sowing. Treated seed may be held over for sowing in the following season. The product contains cypermethrin for protection against insect pests of stored grain.

Fungicide Resistance Warning

GROUP	3	FUNGICIDE
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Arrow C Seed Dressing Flowable is a member of the DMI group of fungicides. For fungicide resistance management Arrow C Seed Dressing Flowable 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, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

Insecticide Resistance Warning

GROUP	3A	INSECTICIDE
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For insecticide resistance management Arrow C Seed Dressing Flowable is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Arrow C Seed Dressing Flowable and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Arrow C Seed Dressing Flowable or other Group 3A insecticides are used repeatedly. The effectiveness of Arrow C Seed Dressing Flowable on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Arrow C Seed Dressing Flowable to control resistant insects. Arrow C Seed Dressing Flowable may be subject to specific resistance management strategies. For further information contact your local supplier, Nufarm Australia Limited or local agricultural department agronomist.

MIXING

APPLICATION VOLUME PER 100KG OF SEED	VOLUME OF WATER	VOLUME OF ARROW
100mL	-	100mL
200mL	100mL	100mL
300mL	200mL	100mL
400mL	300mL	100mL
500mL	400mL	100mL
600mL	500mL	100mL

Arrow C Seed Dressing Flowable may be applied neat at 100mL/100kg of seed or diluted with up to 500mL of water /100kg of seed (total application volume 600mL/100kg). Calculate the amount of water required (see mixing table). Add half the volume to the tank, then the required amount of Arrow C Seed Dressing Flowable. Make up the final volume with water and mix thoroughly. If allowed to stand for long periods eg. overnight, agitate thoroughly before using. DO NOT allow to stand for more than 24 hours.

Application

Choose the lowest application volume necessary to give full coverage of seed with the equipment to be used. Application volumes greater than 600mL are likely to result in excessive wetting of the seed. To achieve disease control, it is essential that the correct quantity of Arrow C Seed Dressing Flowable is applied to the grain. It is also essential that each grain is properly treated.

Undiluted

It is essential to use accurately calibrated equipment which is designed for proper coverage of seed at low application volumes.

Diluted

Use correctly calibrated seed treatment equipment to achieve proper grain coverage.

Compatibility

Arrow C Seed Dressing Flowable should be applied to grain alone and not mixed with any other product.

Crop Safety

Do not apply Vydate* to seed pre-treated with Arrow C Seed Dressing Flowable.

Cleaning up

Equipment used should be cleaned with water. A detergent may be used to assist in the removal of dry deposits.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Short coleoptile cultivars should not be sown too deep. In some situations trifluralin herbicides and triazol fungicides interact to suppress emergence, if possible avoid this contamination. Any seed not intended to be used for sowing should be destroyed.

PROTECTION OF LIVESTOCK

Seed treated with this product must not be used for animal consumption or be allowed to contaminate seed intended for animal consumption. Seed should not be left exposed on the ground (particularly during sowing). Destroy treated seed not intended for sowing.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT feed or expose treated seed to wildlife and domestic animals, particularly birds. Harmful to fish. DO NOT contaminate streams, rivers or waterways with the chemical or containers which have held the chemical or treated seed.

STORAGE AND DISPOSAL (10L only)

Seed treated with this product must not be used for human consumption or be allowed to contaminate seed intended for human consumption. Treated seed when stored should be kept apart from other seed and the containers should be clearly marked to indicate the contents have been treated with this product. Containers which have held treated seed should not be used for any other purpose.

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 (100L & 1000L only)

Seed treated with this product must not be used for human consumption or be allowed to contaminate seed intended for human consumption. Treated seed when stored should be kept apart from other seed and the containers should be clearly marked to indicate the

contents have been treated with this product. Containers which have held treated seed should not be used for any other purpose.

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.

SAFETY DIRECTIONS

Product is poisonous if swallowed. May irritate the eyes and skin. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Do not inhale dust, vapour or spray mist. When preparing spray and using the product wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield. 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, 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)

Not required - product not classified as hazardous under GHS criteria.

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 – 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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* Other trade marks.

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APVMA Approval No. : 60142/111851

BN :
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