



Armour® C Flowable

SEED DRESSING

POISON

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

SC

FORMULATION TYPE

**Suspension
Concentrate**

ACTIVE CONSTITUENTS:

100 g/L FLUTRIAFOL
4 g/L CYPERMETHRIN

CONTENTS:

10 L, 100 L, 110 L



GROUP	3	FUNGICIDE
GROUP	3A	INSECTICIDE

Seed dressing for treatment of wheat and barley as per the Directions for Use Table.

SAFETY DIRECTIONS

Armour® C Seed Dressing Flowable 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 Armour® C Seed Dressing Flowable 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.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet that can be obtained from www.fmccrop.com.au

GENERAL INSTRUCTIONS

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

FUNGICIDE RESISTANCE WARNING

GROUP	3	FUNGICIDE
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Armour® C Seed Dressing Flowable is a member of the DMI group of fungicides. For fungicide resistance management Armour® C Seed Dressing Flowable is a Group 3 fungicide. Some naturally occurring individual fungi resistant to Armour® C Seed Dressing Flowable and other Group 3 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 Armour® C Seed Dressing Flowable 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, FMC accepts no liability for any losses that may result from the failure of Armour® C Seed Dressing Flowable

to control resistant fungi. Resistance should not be assumed without first reviewing the method of application, the coverage and the timing of application.

INSECTICIDE RESISTANCE WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management Armour® C Seed Dressing Flowable is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Armour® 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 Armour® C Seed Dressing Flowable or other Group 3A insecticides are used repeatedly. The effectiveness of Armour® C Seed Dressing Flowable on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, FMC accepts no liability for any losses that may result from the failure of Armour® C Seed Dressing Flowable to control resistant insects.

Armour® C Seed Dressing Flowable may be subject to specific resistance management strategies. For further information contact your local supplier, FMC representative or local agricultural department agronomist.

should be destroyed.

MIXING

APPLICATION VOLUME PER 100 KG OF SEED	VOLUME OF WATER	VOLUME OF ARMOUR® C
100 mL	-	100 mL
200 mL	100 mL	100 mL
300 mL	200 mL	100 mL
400 mL	300 mL	100 mL
500 mL	400 mL	100 mL
600 mL	500 mL	100 mL

Armour® C Seed Dressing Flowable may be applied neat at 100 mL/100 kg of seed or diluted with up to 500 mL of water/100 kg of seed (total application volume 600 mL/100 kg). Calculate the amount of water required (see mixing table). Add half the volume to the tank, then the required amount of Armour® C Seed Dressing Flowable. Make up the final volume with water and mix thoroughly. If allowed to stand for long periods e.g. 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 600 mL are likely to result in excessive wetting of the seed. To achieve disease control, it is essential that the correct quantity of Armour® 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

Armour® 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 Armour® 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 triazole fungicides interact to suppress emergence, if possible avoid this contamination. Any seed not intended to be used for sowing

PROTECTION OF LIVESTOCK

Seed treated with Armour® C Seed Dressing Flowable 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

Non-returnable containers

Seed treated with Armour® C Seed Dressing Flowable 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 Armour® C Seed Dressing Flowable. 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.

100 and 110L only

Seed treated with Armour® C Seed Dressing Flowable 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 Armour® C Seed Dressing Flowable. 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.

DIRECTIONS FOR USE

RESTRAINT:

DO NOT apply 'Vydate' to seed pre-treated with Armour® C Seed Dressing Flowable.

Crop	Disease controlled and insect pestprotection	State	Rate per 100 kg seed	Critical Comments
Wheat	Speckled leaf blotch (<i>Septoria tritici</i>)	Tas, SA, Vic, WA & NSW only	100 mL	Seed must be treated to ensure even coverage of all grains, using correctly calibrated seed treatment equipment. 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. Seed treatment will give suppression of leaf diseases for up to 8 weeks after sowing.
	Bunt (<i>Tilletia foetida</i> , <i>T. caries</i>) Loose Smut (<i>Ustilago segetum</i> var. <i>tritici</i>) Stripe/Yellow Rust (<i>Puccinia striiformis</i>) in young crops. Soilborne Flag Smut (<i>Urocystis agropyri</i>) Seedborne Flag Smut (<i>Urocystis agropyri</i>)	Tas, SA, WA, Vic & NSW only		
Barley	Barley Scald (<i>Rhynchosporium secalis</i>) Covered Smut (<i>Ustilago segetum</i> var. <i>segetum</i>) Loose Smut (<i>Ustilago segetum</i> var. <i>tritici</i>) Powdery Mildew (<i>Erysiphe graminis</i>) in young crops.			
Wheat and Barley	Protection against insect pests of stored grains: Lesser grain borer (<i>Rhyzopertha 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>Ephestia cautella</i>)			

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

WITHHOLDING PERIODS

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

NOTICE TO BUYER

To the extent permitted by the Competition and Consumer Act (2010) or any relevant legislation of any State or Territory (the "Legislation") all conditions and warranties and statutory or other rights of action, whether arising in contract or tort or whether due to the negligence of FMC or Seller, which buyer or any other user may have against FMC or Seller are hereby excluded provided however that any rights of the buyer pursuant to non-excludable conditions or warranties of the Legislation are expressly preserved. FMC hereby gives notice to buyer and other users that to the extent permitted by the Legislation it will not accept responsibility for any indirect or consequential loss of whatsoever nature arising from the storage, handling or use of this product. Where permitted by the Legislation FMC's liability shall in all circumstances be limited to the replacement of the product, or a refund of the purchase price paid therefor.

The product must be used and applied strictly in accordance with the label instructions and other directions for use. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of FMC or the Seller. Buyer accepts these risks.

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