

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



INSECTICIDAL SEED TREATMENT
ACTIVE CONSTITUENT: 500 g/L FIPRONIL

For the control of various pests in canola, rice, sorghum and sunflowers, and to protect seedlings from attack from black field earwig in sorghum and sunflowers as per the DIRECTIONS FOR USE table.

GENERAL INSTRUCTIONS

Where pests are in plague numbers, seed treatment alone may not provide adequate protection and additional methods such as grain baiting may need to be employed.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, COSMOS **GROUP 2C** INSECTICIDE Insecticidal Seed Treatment

is a Group 2C insecticide. Some naturally occurring insect biotypes resistant to COSMOS and other Group 2C insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if COSMOS or other Group 2C insecticides are used repeatedly. The effectiveness of COSMOS on resistant individuals could be significantly reduced.

Since occurrence of resistant individuals is difficult to detect prior to use, BASF Australia Ltd accepts no liability for any losses that may result from the failure of COSMOS to control resistant insects.

COSMOS may be subject to specific resistance management strategies. For further information contact your local supplier, BASF representative or local agricultural department agronomist.

MIXING AND APPLICATION

Shake container before use.

Canola

COSMOS should be applied in a total volume of 1.0 L water/100 kg seed.

Rice

Use on seed through BASF approved application equipment.

Sorghum and sunflowers

Mix COSMOS with water to a total volume of up to 500 mL/100 kg seed and apply to seed in a manner which ensures thorough and even coverage.

COMPATIBILITY

COSMOS is compatible with Semevin+, quintozone, Apron[®] 200LS and Peridiam[®].

PRECAUTIONS

Treated seed should be allowed to dry before re-handling.

PROTECTION OF LIVESTOCK AND OTHERS

Do NOT use treated seeds for human or animal consumption. Do NOT allow treated seed to contaminate grain/other seed intended for animal or human consumption. Do NOT feed treated seed, or otherwise expose, to wild or domestic birds.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate streams, rivers or waterways with the chemical or used containers. Toxic to galliform birds and related species. Highly toxic to fish and very highly toxic to aquatic invertebrates. Water from treated rice bays should be retained on site for 14 days or until after the retention period required by local irrigation authorities has been met. Any spillage of treated seed resulting during handling and loading operations must be cleaned up as soon as practicable, preferably by recovery and re-use. If disposal is required, ensure treated seeds are thoroughly buried and not accessible to livestock, birds and other wildlife.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. Dispose of at a local authority landfill. If no landfill is available, bury the containers below 500 mm 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.

SAFETY DIRECTIONS

Poisonous if inhaled or swallowed. Avoid contact with skin. When opening the container, preparing product for use and using the prepared product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

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

MSDS

Additional information is listed in the Material Safety Data Sheet.

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DIRECTIONS FOR USE

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Canola	Redlegged earth mite (<i>Halotydeus destructor</i>)	Qld, NSW, Vic, SA, WA only	400 mL/100 kg seed	Ensure thorough coverage of seed. Add 400 mL of product to 600 mL of water/100 kg seed (total volume 1.0 L /100 kg seed). Seedling protection will be satisfactory under conditions of low pest pressure (ie. less than 1000 per m ²). Where greater pest numbers are anticipated or where there are more than 8 mites per plant, alternative or additional treatments will be required.
Rice	Bloodworm (<i>Chironomus</i> spp.)	NSW, Vic, WA only	20 mL/100 kg seed or 25 mL/ha	Apply as a spray to seed prior to sowing.
Sorghum, sunflowers	False wireworm (<i>Pterohelaeus darlingensis</i> & <i>Gonocephalum macleayi</i>) Protection from: Black field earwig (<i>Nala lividipes</i>)	Qld, NSW, Vic, WA, NT only	150 mL/100 kg seed	Thoroughly coat seed using commercial seed coating equipment. Add 150 mL of product to 350 mL of water/100 kg seed (total volume 500 mL/100 kg seed).

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

WITHHOLDING PERIOD:

HARVEST

CANOLA, RICE, SORGHUM, SUNFLOWER: NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING

CANOLA: DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN 9 WEEKS OF SOWING.
 RICE: NOT REQUIRED WHEN USED AS DIRECTED.
 SORGHUM: DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN 5 WEEKS OF SOWING.
 SUNFLOWER: DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN 3 WEEKS OF SOWING.
 DO NOT FEED TREATED SEED TO ANIMALS.

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	PESTICIDE, LIQUID, TOXIC, N.O.S. (CONTAINS FIPRONIL) UN NO. 2902 PACKAGING GROUP II HAZCHEM 2X
	IN A TRANSPORT EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE
FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY PHONE 1 800 033 111 TOLL FREE - ALL HOURS - AUSTRALIA-WIDE	

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