

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# **CUT 'N DRY™**

**Sorptive Dust Insecticide**

**ACTIVE CONSTITUENT: 900 g/kg AMORPHOUS SILICA**

**Controls various stored product insect pests in farm-stored feed grain, farm-stored seed grain; grain for human consumption not handled by or delivered to bulk grain handling authorities; harvesting and other grain-handling machinery; grain bins, silos and other storage facilities; food processing and warehousing facilities as per the Directions for Use.**

**NET CONTENTS: 5, 12.5 kg**

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## DIRECTIONS FOR USE

### RESTRAINTS:

**OBSERVE the following moisture content limits: wheat, oats, barley, triticale:-12%; paddy rice:-14%. If applying Cut 'N Dry as a slurry, (paddy rice only), reduce the above limit to 13.7%. DO NOT treat grain to be delivered to grain handling authorities.**

SITUATION	PEST	RATE	CRITICAL COMMENTS
Empty silos, bins and other storage areas. 1. Dust application  2. Spray application	Major species of stored grain pests including: Rust-red flour beetle ( <i>Triboleum castaneum</i> ) Lesser grain borer ( <i>Rhyzopertha dominica</i> ) Granary weevil ( <i>Sitophilus granarius</i> ) Rice weevil ( <i>Sitophilus oryzae</i> ) Sawtoothed grain beetle ( <i>Oryzaephilus surinamensis</i> ) Tropical warehouse moth ( <i>Ephestia cautella</i> )	2 g/m <sup>2</sup>	Distribute dust to give an even coating on surfaces paying particular attention to crevices where debris might remain. A hand operated duster may be used, but for silos and large storage areas a power operated duster is recommended. For vertical silos, apply from top manholes or access points.
		120g/L of water, applied at 5L/100m <sup>2</sup> (6 g/m <sup>2</sup> dry basis)	To prepare spray mix, add 120 g Cut 'N Dry per/litre water. For small storages apply with a standard back pack or mechanical sprayer through fan-jet nozzles at 300-400 kPa (40-60 psi). For large storages use high pressure equipment at pressures of 3,000-4,000 kPa, delivering a narrow spray band through appropriate flat fan nozzles. Spray to just below the point of run-off. Recirculation/agitation of spray mix is important to maintain good dispersion of Cut 'N Dry in the spray-mix.
Food processing and warehousing facilities 1. Spray application  2. Dust application Grain handling Machinery (eg. Field Bins, Augers, Seeders)		120g/L of water, applied at 5L/100m <sup>2</sup> (6 g/m <sup>2</sup> dry basis)	Treatment of building structures only. As for spray application above. Apply mainly to structural cracks, crevices and inaccessible areas. Do not treat floors or areas that are frequently cleaned. Avoid treatment of moving parts, electrical components and food contact surface of plant and equipment. Clean up spills and overspray with damp mop or cloth. Cut 'N Dry will leave a visible residue on treated surfaces and should not be used where such residues are unacceptable. Avoid the application of high pressure air to treated surfaces.
		2 g/m <sup>2</sup>	Treatment of building structures only. As for dust application above. Restrict the use of dust to crack and crevice spot treatment. Before applying thoroughly clean all debris from machine. Use a vacuum cleaner or compressed air if available. Dust throughout machine, ensuring distribution to hidden or relatively inaccessible parts. Clean out excess before using machinery.
Header harvesters		2.5 kg	Before applying, clean out as much grain residue and crop debris as possible. Run the machine for 10 minutes and use vacuum cleaner and/or compressed air. Do not use water. After applying, close all inspection covers and run machine for 2 minutes to distribute product into inaccessible locations. Just prior to harvest, open inspection covers and run machine to remove excess dust. See below for application details.
Farm-stored feed-grain, seed-grain; (wheat, oats, barley, triticale, paddy rice).		1 kg/tonne	Dust application (all grains). Apply to grain as it passes through auger to give a uniform distribution through grain; a dust application should be used.
		1.5 to 2 kg/tonne	Aqueous slurry application (paddy rice only) – spray as a 23% slurry (1 kg Cut 'N Dry in 3.3 litres water) at a rate of 3.3 litres/tonne over a moving grain stream as per directions below. With non-reversible low power augers, reduce rate of transfer to avoid blockage. Use the higher rates on dirty or heavily infested grain.
Grain (wheat, oats, barley, triticale, paddy rice) for Human Consumption.		1 kg/tonne authorities.	The rate of 1 kg/tonne not to be exceeded for grain for human consumption. DO NOT treat grain to be delivered to grain handling

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

**WITHHOLDING PERIOD: Not required when used as directed.**

### **GENERAL INSTRUCTIONS**

This product will control organo-phosphate tolerant strains of insects. It is chemically stable and high temperatures will not degrade it. Protection of up to twelve months can be expected, provided excess moisture is not present.

Treating grain – Satisfactory mixing can be obtained by adding this product to grain as it passes through an auger, when mixing add the dust gradually and constantly. Check that the correct rate is being applied. When applying as a slurry, (paddy rice only), spray evenly at a rate of 3.3 litres/tonne over a moving grain stream and mix in a paddle mixer or transfer auger. The rate of flow of treated grain will be slower than that of untreated grain. The calibration of machinery, and especially seed drills, should be checked if the grain has been treated.

Applying to header harvesters. Distribute at the following locations:

Comb	400g	Riddles	400g	Front Elevator	100g	Bulk Bin	100g
Drum and						Dispatch	
concave	600g	Screen	200g	Straw walkers	400g	Auger	100g

Distribute a further 200g over parts of the machine not fully covered, paying particular attention to augers and elevators. A garden puffer or venturi blower provides good distribution.

### **Compatibility**

Cut 'N Dry has been found to be compatible with most seed dressings currently in use. With the exception of such proven compatible treatments, do not apply in conjunction with other chemicals as performances may be adversely affected.

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

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

### **STORAGE AND DISPOSAL**

#### **For all multi-walled paper bags or foil lined paper bags.**

**KEEP OUT OF REACH OF CHILDREN.** Store in the closed, original container in a dry, cool, well-ventilated area and out of direct sunlight. Shake bag contents until bag is empty. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty bags in 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 bag and product should not be burnt. Discharge excess spray slurry onto absorbent ground or soil.

#### **For all HDPE pails.**

**KEEP OUT OF REACH OF CHILDREN.** Store in the closed, original container in a cool, well-ventilated area and out of direct sunlight. 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 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. Discharge excess spray slurry onto absorbent ground or soil.

**SAFETY DIRECTIONS**

Avoid inhaling dust. When using the product wear goggles and disposable respirator.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

**MATERIAL SAFETY DATA SHEET**

For further information refer to Material Safety Data Sheet (MSDS) which can be obtained from the supplier.

**NOTICE TO BUYER**

Grow Choice Pty. Ltd. will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.

APVMA Approval No:

Batch No;

Date of Manufacture: