

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

BIOCHLOR 500 GRAIN PROTECTANT

ACTIVE CONSTITUENT: 500 g/L CHLORPYRIFOS-METHYL
(an anticholinesterase compound)
SOLVENT: 514 g/L HYDROCARBON LIQUID

GROUP	1B	INSECTICIDE
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For the control of insect pests in stored grain (except rice and malting barley)
and lupins; and on surfaces of buildings and equipment as specified in the
Directions For Use Table

CONTENTS: 5L to 1000L

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DIRECTIONS FOR USE

CROP	PEST	RATE	CRITICAL COMMENTS
Stored grain (except rice and malting barley)	Rice weevil, Granary weevil, Rust-red Flour beetle, Confused flour beetle, Saw-toothed grain beetle, Tropical Warehouse Moth, Lesser grain borer (susceptible strains) Maize weevil – Qld only	1L/100L water – provides up to 3 months protection 2L/100L water – provides from 3-9 months protection	Apply 1L of diluted spray per tonne of grain. Apply through standard grain spraying machinery. The output of spray through the nozzle must be regulated according to the flow of grain. *Chose the additional grain protectant to control resistant strains of lesser grain borer eg Rizacon S IGR Grain Protector.
	Lesser grain borer (multi-resistant strains)	1L /100L water + an additional grain protectant* at the recommended rate for the desired protection. Provides up to 3 months protection. 2L /100L water + an additional grain protectant* at the recommended rate for the desired protection. Provides from 3 – 9 months protection.	
Stored lupins – Vic only	Rice weevil, Granary weevil, Rust-red Flour beetle, Confused flour beetle, Saw-toothed grain beetle, Tropical Warehouse Moth, Lesser grain borer (susceptible strains)	1L/100L water – for up to 3 months protection 2L/100L water – for up to 6 months protection	Apply 1L of diluted spray per tonne of grain.
Surface of buildings, bins, and machinery used for grain storage except for rice storage.	Warehouse Beetle, Rice Weevil, Granary weevil, Rust-red Flour beetle, Saw-toothed Grain Beetle, Tropical Warehouse Moth, Lesser grain borer (susceptible strains) Maize weevil – Qld only	20mL/1L water	Spray Infested areas to point of run-off. 5L of diluted spray will treat approximately 100m ² . Repeat application at 6 week intervals when required.

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

IN WA ONLY – for use by bulk handling authorities only

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

INSECTICIDE RESISTANCE WARNING

GROUP	1B	INSECTICIDE
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For insecticide resistance management Biochlor 500 Grain Protectant is a Group 1B insecticide.

Some naturally occurring insect biotypes resistant to Biochlor 500 Grain Protectant and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Biochlor 500 Grain Protectant or other Group 1B insecticides are used repeatedly. The effectiveness of Biochlor 500 Grain Protectant on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Grow Choice Pty Ltd accepts no liability for any losses that may result from the failure of Biochlor 500 Grain Protectant to control resistant insects.

Biochlor 500 Grain Protectant may be subject to specific resistance management strategies. For further information contact your local supplier, Grow Choice representative or local agricultural department agronomist.

Mixing

Slowly add the required amount of Biochlor 500 Grain Protectant to the water in the tank. Use clean water only. The special formulation of Biochlor 500 Grain Protectant ensures rapid mixing.

Application

Uniform application through the grain is essential for maximum efficacy. It is essential to ensure that the grain is free from infestation and of sufficiently low moisture at intake ie less than 12% moisture content and a storage temperature below 27°C.

Export of Treated Produce

Users should note that suitable MRL's or import tolerances may not have been established for all markets for treated produce treated with Biochlor 500 Grain Protectant. Before treating grain for export, please check with Grow Choice Pty Ltd for the latest information on MRL's and import tolerances.

Precaution

DO NOT contaminate food, feed or domestic water supplies.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area.

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.

For refillable containers: 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 absorbed by skin contact or swallowed. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. 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 swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 13 11 26, New Zealand 0800 764 766) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

If swallowed, do NOT induce vomiting.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which is available 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: 60650/127826

Batch No:

Date of Manufacture:

**:IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

Combustible liquid.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects. Avoid release to the environment.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON

CENTRE or doctor/ physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a POISON CENTRE or doctor/ physician.

Do NOT induce vomiting.

If skin irritation or rash occurs: Get medical advice/ attention.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.