

POISON

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

DAVID GRAYS D.D.V.P. 500 INSECTICIDE

ACTIVE CONSTITUENT: 500g/L DICHLORVOS
(An Anticholinesterase Compound)
SOLVENT: 455g/L Hydrocarbon Liquid

For control of Insect Pests in various situations as
recommended in the Directions for Use Table.



DAVID GRAY & CO. PTY. LIMITED
ACN 008 871 127
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O'CONNOR, WESTERN AUSTRALIA
NRA Approval No. 48975/01

ADAPTED
LABEL

DAVID GRAYS D.D.V.P. 500 INSECTICIDE

GENERAL INSTRUCTIONS:

Apply D.D.V.P. 500 when necessary, to achieve adult insect control.

Indoor Use: Keep away from cooking and eating utensils and avoid contact with foodstuffs. Before treatment shut all windows and doors. Clear area of people, animals, unpacked foodstuffs etc. Keep area shut up for at least four hours after treatment, during which time D.D.V.P. 500 will "fumigate" the area. To achieve this without interrupting work, apply at the end of the working day so that the area can remain closed all night. Ventilate thoroughly before reoccupying. When applying D.D.V.P. 500 indoors, start at a point furthest from the door working backwards towards the door.

Outdoor Use: Select a time when air is still and area is clear of people, etc. as above

MIXING DIRECTIONS:

Open, decant and mix only in well ventilated outdoor areas. D.D.V.P. 500 is an emulsifiable concentrate which mixes spontaneously with soft or hard water. Add the measured amount to the required amount of water in the mixing vessel or spray tank. Thoroughly agitate the mixture to ensure that it is uniform throughout. D.D.V.P. 500 can also be diluted with kerosene or a recommended fogging diluent.

DILUTION:

Where applications call for D.D.V.P. 500 to be used at 0.5% strength, make the emulsion (using water) or solution (using kerosene or similar diluent) by adding 1 litre D.D.V.P. 500 to 99 litres of water or other diluent. Prepare emulsion or solution sufficient for immediate use only. Do not keep the mixture for more than 12 hours.

TECHNIQUES OF APPLICATION:

Coarse Wet Spray: Sprinkle the prepared mixture on the floor where insects harbour, using a watering can or a very coarse spray. The D.D.V.P. 500 will evaporate and fumigate the air space, penetrating all corners, killing insects on the floor, walls, ceilings, in cracks and crevices, and in the air.

Space Spray: Use a mister, atomiser or a sprayer with a fine nozzle, spray into the air

Fogging: Apply through a portable or stationary fogging machine. Fog the area ensuring the required quantity of mixture (as recommended on this label) is emitted per measured space. Fogging is most suitable for outdoor areas. For indoors, use a stationary machine filling the building with fog through a door or window on windward side. Fogs should be applied only by trained personnel.

Liquid Bait: Make by dissolving 50g sugar per litre of spray mixture and apply as a coarse spray, or paint on in strips or patches close to where insects harbour.

Wooden Board Method: Treat closed-up store by sprinkling on to wooden boards 20mL of undiluted D.D.V.P. 500, (equal to 10 grams of dichlorvos active) for every 150 cubic metres of store space. A fan blowing over each board will increase effectiveness. Store should remain closed during treatment (overnight). Ventilate thoroughly before re-entering. Handle D.D.V.P. 500 and boards with gloves on. Measure each 20mL dose carefully. After use hose down boards and store outdoors.

NOTE: Evacuate areas before and for four hours after treatment. Thoroughly ventilate before re-entering

COMPATIBILITY:

D.D.V.P. 500 is compatible generally with other insecticides in common use

DIRECTIONS FOR USE: Use 0.5% solutions unless otherwise specified.

SITUATION	PEST	STATE	RATE	CRITICAL COMMENTS
INDOORS: Dairies, Cattle Sheds	Flies	All States	600mL/50m ²	Apply as a coarse wet spray on floor and around doorways and windows.
Stables, Piggeries	Flies, Mosquitoes	All States	14L/1000m ³	Apply as a space spray or mist.
Poultry Manure (caged birds)	Fly Maggots	All States	60mL/10L water	Apply 10L of spray mixture to 12m of manure under cages. Repeat every 3 weeks.
Abattoirs	Flies	All States	2.1L/50m ² or 14L/1000m ³	Apply as a coarse wet spray on floor and around doorways and windows. Apply as a space spray or fog.
Wineries	Vinegar Flies	All States	2.1L/50m ² or 14L/1000m ³	Apply as a coarse wet spray on floor and around doorways and windows. Apply as a space spray or fog.
Factories, Stores, Mills, Food Warehouses	Cockroaches, Fleas, Flies, Carpet Beetles, Ants, Spiders, Silverfish, Warehouse Beetles, Mediterranean Flour Moth, Saw-toothed Grain Beetle	NSW, Vic, SA, Tas, WA only	14L/1000m ³ or 600mL/50m ²	Apply as fog. DISSOLVE 50g sugar per 1 litre of spray. Apply in strips or patches as a liquid bait.
		Qld only	14L/1000m ³ or 700mL/50m ²	Apply as fog. DISSOLVE 50g sugar per 1 litre of spray. Apply in strips or patches as a liquid bait.
Stored Grain	Moth (<i>Ephestia cautella</i>)	All States	100mL/10L water	Spray 5L of spray mixture/100m ² of grain surface where moth infestations are a problem.
Empty Grain Silos	Adult grain pests	All States	100mL/10L water	Before filling silo and after thorough cleaning, spray inside walls and exit chutes to run-off.
Infested Grain (held by flour millers)	Grain insect pests	All States	120mL/10L water	Spray grain on elevator at the rate of 1L spray mixture per tonne of grain. This applies 6ppm dichlorvos. Only use spray equipment specially designed and calibrated for this purpose.
Bagged and Stored Potatoes	Potato Tuber Moth	All States	50mL/5L water	Use 5L of spray mixture per 16 bags. Spray bag surfaces and shed walls and surrounds at first signs of tuber moth activity.
Tobacco Stores and Warehouses	Tobacco Moth Cigarette Beetle	All States	140mL/1000m ³	Apply undiluted, using the wooden board method outlined in TECHNIQUES OF APPLICATION.
Greenhouses (ornamental plants), Glasshouses, Mushroom Houses	Insect pests including Aphids, Thrips	All States	20mL/150m ³	Apply undiluted, using the wooden board method outlined in TECHNIQUES OF APPLICATION. WARNING: DO NOT SPRAY DIRECTLY ON TO PLANT — PHYTOTOXICITY MAY OCCUR FOLLOWING USE ON YOUNG TOMATOES, CUCUMBERS AND CHRYSANTHEMUMS. DO NOT APPLY DIRECTLY ON TO MUSHROOMS AS SOLVENT DAMAGE MAY RESULT.
Household	Flies, Moths, Mosquitoes, Fleas, Ants, Cockroaches, Spiders, Silverfish	All States	12mL/1L water	Apply as a spray or sprinkle where pests occur.
OUTDOORS: Garbage Dumps, Beach, Picnic and Recreation Areas, Drive-in Cinemas	Flies, Fleas, Ants, Spiders, Cockroaches, Mosquitoes	All States	300mL/ha or 30 litres of 0.5% DDVP 500/ha	Apply undiluted, as fog. Apply through a misting machine.
Wasp Nests in Trees, Uncultivated Ground, Rockeries and/or Buildings	European Wasp	Qld, Vic, SA, WA, Tas only	Mix at the rate of 20mL of product per 1 litre of water	Spray mixture into all entrance holes of the nest. Do not apply to other areas including trees, ground, rockeries or buildings. Use a total of 1 litre per nest, except for tiny new nests in trees where 1 litre would overflow the nest and run over the tree; for these use a small volume of the mixture that would not overflow the nest. Treat late in the evening whenever possible. Operators should wear clothing protective against wasps including long sleeved overalls buttoned at wrist and throat, gloves, hat and bee veil.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION. WITHHOLDING PERIOD: HOLD TREATED GRAIN IN STORE AND DO NOT USE FOR HUMAN CONSUMPTION OR FOR STOCK FOOD WITHIN 7 DAYS OF TREATMENT

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CAUTION:

This product is too hazardous to be recommended for use in the home garden.

PROTECTION OF LIVESTOCK:

Dangerous to bees. Do not spray any plants in flower while bees are foraging.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT:

Dangerous to fish. Do not contaminate ponds, waterways or drains with chemical or used container.

STORAGE AND DISPOSAL:

Store in the closed, original container, in a cool well ventilated area, building or room, as cool as possible, away from children, animals or fodder. Do not store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, foodstuffs, seeds and fertilisers. Triple or (preferably) pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site.

Break, crush, or puncture and bury empty containers in a local authority landfill. If not available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

FLAMMABLE — KEEP AWAY FROM NAKED FLAME.

SAFETY DIRECTIONS:

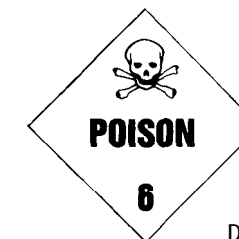
Product and spray are poisonous if absorbed by skin contact, inhaled or swallowed. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container and preparing spray and using in enclosed areas, wear cotton overalls buttoned to the neck and wrist and washable hat, elbow length PVC gloves, goggles and half-face respirator with combined dust and gas cartridge (canister). 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, goggles, respirator or face piece and contaminated clothing. Obtain an emergency supply of atropine tablets 0.6mg.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, give one atropine tablet every 15 minutes until dryness of the mouth occurs. If poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

ATTENTION:

As the use of the product sold is beyond the control of the seller, all conditions and warranties of all kinds in relation to its use or application or otherwise are hereby excluded save for those non-excludable warranties implied by the Trade Practices Act 1974 (Cth.), or any other Act.



EMERGENCY INFORMATION

PESTICIDE, ORGANOPHOSPHORUS, LIQUID, TOXIC, FLAMMABLE, N.O.S., (CONTAINS DICHLORVOS AND HYDROCARBON SOLVENT)

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IN A TRANSPORT EMERGENCY
DIAL 000 POLICE OR FIRE BRIGADE

