

POISON

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



Ballistic ULV

Insecticide

ACTIVE CONSTITUENT: 5.5 g/L DELTAMETHRIN

SOLVENT: 360 g/L LIQUID HYDROCARBON

For the control of *Helicoverpa* spp. (*Heliothis*) and other specified pests on cotton, sorghum, sunflower, soybeans and other crops.

DIRECTIONS FOR USE

RESTRAINT: DO NOT apply to crops if leaves are wet with water.

DO NOT add any other insecticide or sprays except as indicated under compatibility section.

CROPS	PEST	STATE	RATE/Ha	WHP	CRITICAL COMMENTS
Cereals	Native budworm Corn earworm (<i>Heliothis</i>)	All States	2.5 L	7 days	Apply at first sign of infestation, before larvae are 5 mm for best results.
	Southern and Common armyworm		2.0 to 2.5 L		Apply at first sign of infestation. Use lower rate under low infestation levels.
	Cutworms (<i>Agrotis</i> spp.)	WA only	1.0 L		Apply at first sign of infestation, before larvae are 10 mm long for best results. May be applied with misting machines if distribution is accurate.
	Webworm (<i>Hednota pedionoma</i>)		Post crop emergence – inspect crop regularly from seeding and spray at first sign of damage. Check with local Department of Agriculture adviser for further details.		
Chickpeas, faba beans, lentils, linseed, canola (oilseed rape), safflower, winter cereals	Cutworms (<i>Agrotis</i> spp.)	NSW only	1.0 L	7 days	Check emerging and establishing crops in the late afternoon or evening for caterpillars crawling on the soil surface and feeding on the seedlings. Spray in the late afternoon or evening.
Cotton	Native budworm (<i>Helicoverpa punctigera</i>) Cotton bollworm (<i>Helicoverpa armigera</i>)	Qld, WA & NSW only	3.5 L	7 days	Use when insect reinfestation pressure is high – i.e. moderate to heavy egg laying occurring and small to medium larvae present.
			3.0 L		Use when low to moderate egg laying occurring and only few small to very small larvae present (see 'note 1' below).
			2.5 L		Use when low egg laying occurring and larvae just about to hatch (see 'note 1' below).
	Pink Spotted bollworm	Qld only	2.5 to 3.0 L		Apply at first sign of activity before larvae enter boll. Repeat as necessary.



CROPS	PEST	STATE	RATE/Ha	WHP	CRITICAL COMMENTS
Field peas	Corn earworm and Native budworm (<i>Heliothis</i>)	NSW, Vic, SA, WA only	1.25 to 2.5 L	7 days	Inspect crops regularly and particularly at flowering and early podding. Apply as soon as infestation occurs. Use lower rates only when infestation is low and majority of larvae are young (i.e. less than 5 mm). Large larvae are often not readily controlled.
	Pea weevil	Vic, SA only	1.5 to 2.5 L		From start of flowering onwards check crops with sweep net every 2-3 days. If any pea weevil are present spray before first pods form. Check again 3 days after spraying and respray if necessary. Apply the higher rate under high infestation pressure.
		NSW only	2.0 to 2.5 L		
	Cutworms (<i>Agrotis</i> spp.)	NSW only	1.0 L		As for chickpeas.
Lupins	Native budworm (<i>H. punctigera</i>)	NSW, SA, Vic only	1.0 L	7 days	Ensure good penetration of the lupin canopy. For best results apply before larvae are 5 mm long.
		WA only			Small caterpillars do not normally damage pods and numbers usually decline rapidly. Spraying is usually only necessary when caterpillars are about 20 mm in length. Apply thoroughly to ensure good penetration of lupin canopy.
	Cutworms (<i>Agrotis</i> spp.)	NSW only			As for chickpeas.
Maize	Corn earworm and Native budworm (<i>Heliothis</i>)	All States	2.5 L	7 days	Apply at tasselling and before silk emergence when larvae are small (less than 5 mm) and before they enter cob. Repeat sprays at 3-5 day intervals may be necessary particularly for sweetcorn.
Sweetcorn	Corn earworm and Native budworm (<i>Heliothis</i>)	All States	2.5 L	5 days	Apply at tasselling and before silk emergence when larvae are small (less than 5 mm) and before they enter cob. Repeat sprays at 3-5 day intervals may be necessary particularly for sweetcorn.
Sorghum	Corn earworm and Native budworm (<i>Heliothis</i>)	All States	2.5 L	7 days	Apply at first sign of pest generally from head emergence onward. In tight head varieties, <i>Heliothis</i> may be protected and not readily controlled. Repeat sprays as necessary.
	Sorghum midge	Vic, SA, WA only			1.0 to 2.0 L
Soybeans, navy beans, mung beans and other seed & pod crops (eg. linseed, canola (oilseed rape), safflower, faba beans, vetch, lentils, chickpeas, lupins, cereals)	Corn earworm and Native budworm (<i>Heliothis</i>), Looper	All States	2.5 L	7 days	Inspect crops regularly from early terminal development (4 leaf stage) onwards. Apply before <i>Heliothis</i> or Looper are 5 mm long.
	Green vegetable bug	Qld, NT, NSW, Tas, SA, WA only			
Sunflower	Corn earworm and Native budworm (<i>Heliothis</i>), Rutherglen bug, Jassids, Looper	All States	2.5 L	7 days	Apply at first sign of pest activity. Critical period is from bud stage/face opening onward. At later growth stages, pests may be partially protected by heads or bracts. <i>Heliothis</i> should be sprayed before they are 5 mm long for best results. Repeat sprays as necessary. If flowering has started and bees are active, application should be deferred until after flowering is complete but before the heads turn down. If treatment is unavoidable during flowering, spraying must take place in the very early morning or very late afternoon.

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

WITHHOLDING PERIODS:

SWEETCORN: DO NOT harvest for 5 days after application.

CANOLA, CEREALS, CHICKPEAS, COTTON, FABA BEANS, FIELD PEAS, LENTILS, LINSEED, LUPINS, MAIZE, MUNG BEANS, NAVY BEANS, RAPESEED, SAFFLOWER, SORGHUM, SUNFLOWER, VETCH AND OTHER SEED AND POD CROPS: DO NOT harvest for 7 days after application.

NOTES:

- LARVAE SIZE – Larvae greater than 5 mm are often not controlled satisfactorily as they are harder to kill and they are often protected from spray by the plant.
- RESISTANCE – The effectiveness of BALLISTIC ULV may be reduced or nullified as a result of pests developing a tolerance or resistance to the product. If unacceptable control occurs, immediately contact your local FARMOZ representative. BALLISTIC ULV should not be used where a user suspects the presence of significant numbers of a tolerant or resistant strain.



GENERAL INSTRUCTIONS

FARMOZ BALLISTIC ULV Insecticide contains Deltamethrin. BALLISTIC is a non-systemic insecticide with contact and stomach action that is fast acting. The product provides a knockdown and kill action on insects. It also exhibits a repellent and antifeeding effect which protects the plants. Read Directions for Use and Safety Directions before opening or using this product.

APPLICATION/ EQUIPMENT

BALLISTIC ULV must only be applied by aircraft fitted with accurately calibrated ULV equipment.

Accurate placement and coverage is essential.

DO NOT add water – use direct from container.

COMPATIBILITY

BALLISTIC ULV should preferably be applied alone, but it can be mixed with most piperonyl butoxide formulations, methomyl LV and certain EC formulations such as parathion, if well mixed and used immediately.

DO NOT mix with water.

PROTECTION OF LIVESTOCK & OTHERS

Dangerous to bees. Do NOT spray on any plants in flower while bees are foraging. Some repellent effect may be apparent for approximately 2 days.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. Do NOT contaminate fish ponds, drains, rivers or streams with product or used containers.

STORAGE AND DISPOSAL AND PROTECTION OF OTHERS

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 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.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Facial skin contact may cause temporary facial numbness. Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear elbow-length PVC gloves and face shield. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and face shield.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 131126. **If swallowed**, DO NOT induce vomiting. Give a glass of water.

Advice to Physician – No antidote is available and treatment should be symptomatic.

MSDS

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for BALLISTIC ULV is available from FARMOZ on request. Call Customer Service on (02) 9363 3611.

CONDITIONS OF SALE: The use of FARMOZ BALLISTIC ULV Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. Ltd., regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever from the use of this product.

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PACK SIZES 200 L, 800 L, BULK

