

Label

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY INSTRUCTIONS BEFORE OPENING OR USING



RLP
Approved

Cypershield ULV 40 Insecticide

ACTIVE CONSTITUENT: 40 g/L CYPERMETHRIN
SOLVENT: 844 g/L LIQUID HYDROCARBON

GROUP 3A INSECTICIDE

For control of certain insect pests in Cotton, Field Peas, Sunflowers, Sweetcorn, Maize, Soy Beans, Navy and Mung Beans and Sorghum crops as per the DIRECTIONS FOR USE table.

**IMPORTANT: READ THIS LABEL AND THE ATTACHED LEAFLET
BEFORE OPENING OR USING THIS PRODUCT**

CONTENTS: 20L, 200L, 500L, 1000L

APVMA APPROVAL NO: 51484/56982

Imtrade Australia Pty Ltd
ACN 13 090 151 134

17 Ocean Street, Kwinana, Western Australia 6167
Tel: 1800 171 799 Fax: 1800 171 788
Web: www.imtrade.com.au

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

NOTICE: *Helicoverpa* (= *Heliothis*) *armigera* resistance Northern New South Wales and Queensland. To help contain pyrethroid resistance in *Helicoverpa* (= *Heliothis*) *armigera*, the Summer Crop Insecticide strategy as developed by the Queensland Department of Primary Industries and the New South Wales Department of Agriculture and Fisheries should be adhered to. Failure to observe the strategy may result in widespread resistance affecting the future viability of summer cropping.

RESISTANT WEEDS WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management, Cypershield ULV 40 Insecticide is a Group **3A** Insecticide. Some naturally occurring insect biotypes resistant to Cypershield ULV 40 Insecticide and other Group **3A** Insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Cypershield ULV 40 Insecticide or any other Group **3A** Insecticides are used repeatedly. The effectiveness of Cypershield ULV 40 Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of Cypershield ULV 40 Insecticide to control resistant insects.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate ponds, waterways and drains with this chemical or used container.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT spray any plant in flower while bees are foraging.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, 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, 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.

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 swallowed. Will irritate the eyes and skin. Sensitive workers should wear protective clothing. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. **DO NOT** inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If in eyes, wash it out immediately with water.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26). If swallowed, and if more than 15 minutes from a hospital, induce vomiting preferably using Ipecac Syrup (APF).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from your supplier or Imtrade Australia Pty Ltd website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

**In a Transport Emergency
Dial 000
Police or Fire Brigade**

APVMA Approval No: 51484/56982

Batch No:

Date of Manufacture:

Leaflet

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DIRECTIONS FOR USE:**RESTRAINTS:****DO NOT** apply if rain is expected within 6 hours of application.

CROP	PEST CONTROLLED	STATE	AERIAL APPLICATION RATE/HA	WHP (Days)	CRITICAL COMMENTS
Cotton	Native Budworm (<i>Heliothis punctiger</i>), Cotton Bollworm (<i>H. armigera</i>)	Qld & NSW, only	2-2.5L	-	Apply when egg laying reaches a "threshold" of newly hatched larvae per 100 terminals.
			2.5-3.25L		Use higher rate when egg laying is continuous and/or larvae larger than 1cm are present. On occasion, when other methods have failed to control <i>Heliothis</i> spp., two applications at the higher rates and a short interval may be required prior to using lower rates as recommended.
	Cotton Loopers (<i>Anomis</i> spp.)		2-3.25L		Apply as pest populations indicate.
	Rough Bollworm		1.9-2.5L		Apply when an average of 2 or more larvae are present per 100 bolls. It is essential to detect and treat infestations in early stages. Application may be marginally effective on an established or concealed infestation in bolls deep in the canopy of a mature crop.
Field Peas	Pea Weevil (<i>Bruchus pisorum</i>)	SA, WA only	1L	28	Monitor crop with a sweep net when the first pods are formed and thereafter at least at weekly intervals on warm (20°C or higher) days. Spray when one or more adult beetles per 25 sweeps are found.
		Vic only			Monitor the edge of the crop with a sweep net, at first flowering and then every 2-3 days. Spray when one or more adult beetles per 25 sweeps are found.
	Native Budworm (<i>Helicoverpa punctigera</i>)	SA, WA only	1L or 1.25L		Monitor crop with a sweep net, when the first pods are formed, and thereafter at least at weekly intervals on warm (20°C or higher) days. Spray when average numbers exceed one per five sweeps of the net. Use lower rate if caterpillars are at least 1cm long. (Often this will coincide with the weevil treatment). Use higher rate if caterpillars are 1cm or greater in length.
		Vic only	Monitor crop with a sweep net or by shaking onto a white cloth. Use lower rate if caterpillars are less than 1cm long. (Often this will coincide with the weevil treatment). Use higher rate if caterpillars are 1cm or greater in length.		
Sunflowers	Native Budworm (<i>H. punctiger</i>), Cotton Bollworm (<i>H. armiger</i>)	NSW only	1.9-2.5L	21	Apply when an average of more than 2-3 larvae are present per head where fungal rots are a problem; otherwise apply when larvae are damaging plants. Use higher rate for better knockdown when larvae larger than 1cm are present.
		Qld only			Apply when larvae are damaging plants. Use highest rate for better knockdown when larvae longer than 1cm are present.
	Grey Cluster Bug (<i>Nysius clevelandensis</i>)	Qld & NSW only	Apply when numbers reach 10-15 adults per plant at budding in dry land crops or 20-25 in irrigated crops. After flowering, apply when there are 20-25 adults on the face of the heads.		
	Rutherglen Bug (<i>N. vinitor</i>)	Qld, NSW & Vic only	General Comments: If flowering has started, application should be deferred until flowering is complete but before the heads turn down. If treatment is unavoidable during flowering and bees are actively foraging in the crop, spraying must take place in the very early morning or very late afternoon.		

CROP	PEST CONTROLLED	STATE	RATE	WHP	CRITICAL COMMENTS
Sweetcorn	Corn Earworm (<i>H. armiger</i>)	WA, SA, Vic, NSW & Qld only	1.9 – 2.5L	7	Cob damage tolerated is variable according to market requirements. For fresh market corn, spray at tassle emergence then at intervals of 5-8 days until silks wither. For processing corn and maize apply at early silking. Use the higher rate if larvae larger than 1cm are present.
	Native Budworm (<i>H. punctigera</i>), Southern Armyworm (<i>Persectania ewingii</i>)	Tas only			
	Common Armyworm (<i>Mythimna convecta</i>)	WA, SA, Vic & NSW only			
Maize	Corn Earworm (<i>H. armiger</i>)	NSW & Vic only	1.5 – 2.5L		
		Qld only			
Soybeans, Navy Beans, Mung Beans	Native Budworm (<i>H. punstiger</i>), Cotton Bollworm (<i>H. armiger</i>)	NSW & Qld only	1.9 – 2.5L	7	Apply when flower or pod feeding larval numbers reach 2 per metre of row in Soybeans, 1-2 per metre of row in Navy Beans and 1 per metre of row in Mung Beans. Use the higher rate when larvae larger than 1cm are present or when canopy is dense.
	Soybean Looper (<i>Diachrysis orichalcea</i>)	NSW & Qld			Apply as pest populations indicate. Use high rate when larvae larger than 15mm are present.
Sorghum	Corn Earworm (<i>H. armiger</i>)	Qld & NSW only	1.5 – 2.5L	14	Apply when larval numbers reach 2 per head. Use the high rate if larvae larger than 1cm are present.
	Sorghum Midge (<i>Contarinia corghicola</i>)		0.9 – 1.9L		Apply when midge numbers reach 1-2 per head across the whole field from head emergence to completion of flowering. Use the highest rate for increased residual protection.

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

WITHHOLDING PERIOD:

SUNFLOWERS: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

SWEETCORN, MAIZE, SOYBEANS, MUNG BEANS, NAVY BEANS: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.

FIELD PEAS: DO NOT APPLY LATER THAN 28 DAYS BEFORE HARVEST.

SORGHUM: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

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TIMING

Cypershield ULV 40 Insecticide should only be applied by aircraft equipped with suitable rotary-atomisers. The spray should be applied with a droplet size VMD of 80-100 microns.

Cypershield ULV 40 Insecticide is a contact and residual insecticide. For the best results it should be applied as a protective treatment at regular intervals. Best results will be obtained by spraying at egg-hatch.

APPLICATION/CROP CHECKING

Field Peas: Apply as indicated by field checks. For maximum results, application should be timed to coincide with egg hatching. When using the lower dose the spray interval should not exceed 9 days. Spray application should be carried out during the cooler parts of the day or night. **DO NOT** apply if rain is expected within 6 hours.

Cotton: Apply as indicated by field checks. For maximum results, application should be timed to coincide with egg hatching. When using the lower dose the spray interval should not exceed 9 days. Spray application should be carried out during the cooler parts of the day or night. **DO NOT** apply if rain is expected within 6 hours.

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MIXING

Add the required quantity of Cypershield ULV 40 Insecticide directly to the spray tank.

COMPATIBILITY

Cypershield ULV 40 Insecticide should be used alone.

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Dangerous to bees. DO NOT spray any plant in flower while bees are foraging.

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