

POISON

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

**DICTATE ULV
INSECTICIDE**

**ACTIVE CONSTITUENT: 16 g/L ALPHA-CYPERMETHRIN
SOLVENTS: 880 g/L LIQUID HYDROCARBONS**

For the control of Pea Weevil in Field Peas; Sorghum Midge in Sorghum; Rough Bollworm in Cotton; Cutworms in winter cereals and Helicoverpa spp. in Cotton, Sorghum, Field Peas, Lupins, Soybeans, Mung Beans, Navy Beans, Sunflowers, Sweet Corn and Maize; Pasture Webworm in winter cereals; Common and Southern Armyworm in winter cereals as per the Directions For Use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

20/200/1000 LITRE

NRA Approval No. 51192/1198

[CHEMAG LOGO]

**ChemAg Pty Ltd, Suite 12, 11 Preston Street, Como, Western Australia 6152
Phone (08) 9474 4677**

**Infopest verifies that this label is consistent with the
NRA Approved Text Label of 11/11/98**

STORAGE AND DISPOSAL

Do not store below 4°C. Store in the closed, original container in a dry, well ventilated area, as cool as possible out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Triple or (preferable) pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Break, crush, puncture or bury empty containers in a local authority land fill. If not available bury the containers below 500mm 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.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. Avoid inhaling vapour or spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and a face shield or goggles. If product 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 day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Center (Phone 131126). If swallowed and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

CONDITIONS OF SALE

ChemAg Pty Ltd accepts responsibility of the consistent quality of this product; however since application of this product is beyond the control of ChemAg Pty Ltd and since all conditions of application cannot be seen, ChemAg Pty Ltd accepts no responsibility whatsoever for any injury, damage, loss or other results following the use of this product whether used in accordance with directions or not; subject to any overriding statutory provision and provided that such liability under those provisions shall be limited to the replacement of the goods as supplied or the rendering again of the services that are provided. The buyer accepts and uses this material subject to these conditions.

NOTICE

Helicoverpa armigera resistance Northern NSW and QLD. To help contain pyrethroid resistance in *Helicoverpa armigera* the Summer Crop Insecticide strategy as developed by the Qld Department of Primary Industry and the NSW 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

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| UN No. 3082 | ENVIROMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS ALPHA - CYPERMETHRIN) MARINE POLLUTANT |
| In a Transport Emergency Dial 000 Police or Fire Brigade | |
| PG III | HAZCHEM 2Z |

[CHEMAG LOGO] ChemAg Pty Ltd
ACN 009 234 691
Suite 12, 11 Preston Street
Como Western Australia 6152

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| MISC DANGEROUS GOODS CLASS 9 DIAMOND | MARINE POLLUTANT TRIANGLE |
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Batch Number :

Date of manufacture :

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Phone (08) 9474 4677**

NRA Approval No: 51192/1198

DIRECTIONS FOR USE:

Restrains

DO NOT APPLY IF RAINFALL IS EXPECTED WITHIN 6 HOURS OF APPLICATION.

DO NOT SPRAY IN CALM CONDITIONS OR WHEN WIND IS LIGHT OR VARIABLE IN DIRECTION.

| CROP | PEST | STATE | RATE | WHP | CRITICAL COMMENTS |
|------------|--|-------------------------------|--|---------|--|
| Cotton | Native Budworm (<i>Helicoverpa punctigera</i>), Cotton Bollworm (<i>Helicoverpa armigera</i>) | Qld & NSW only | 2 L/ha | 14 Days | Apply as indicated by field checks. Application should be timed to coincide with egg hatching, before larvae are in protected areas. Use the appropriate rate for the correct situation. Apply when egg laying is light i.e. 5-20 brown eggs/m or 2-4 newly hatched larvae per 100 terminals. |
| | | | 2.5 L/ha | | Apply when egg laying is heavier and/or larvae are 5 - 10mm in length (<i>H. punctigera</i> only). |
| | | | 3 L/ha | | Apply when egg laying is continuous. <i>H. punctigera</i> only - apply when larvae larger than 10mm are present. |
| | Rough Bollworm (<i>Earias huegeli</i>) | 2 to 2.5 L/ha | Apply when 2 or more larvae are present per 100 bolls. It is essential to detect and treat infestations in early stages before larvae are established or concealed in bolls deep in the canopy. Use the higher rate if larvae greater than 10mm are present. | | |
| Field Peas | Native Budworm (<i>H. punctigera</i>) | SA & WA only | 1 L/ha | 4 weeks | Apply to open, less dense crops when damaging numbers of newly hatched larvae first appear on the crop and repeat if necessary. |
| | | NSW, Vic, SA Tas & WA only | 1.25 L/ha | | Apply when damaging pest numbers first appear on the crop and repeat if necessary. |
| | | | 1.9 L/ha | | Apply when larvae larger than 10mm are present and when longer residual control is required. |
| | Pea Weevil (<i>Bruchus pisorum</i>) | Vic, SA & WA only | 1.25 L/ha | | Apply during flowering prior to egg laying when beetle population reaches 1 or more per 25 sweeps of a sweep net. |
| Cutworms | NSW only | 470 mL/ha | Check emerging and establishing crops in the late afternoon and evening for caterpillars crawling on the soil surface and feeding on the seedlings. Apply product in late afternoon or evening. | | |
| Linseed | Cutworms | NSW only | 470 mL/ha | 14 days | Check emerging and establishing crops in the late |

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| | | | | | afternoon and evening for caterpillars crawling on the soil surface and feeding on the seedlings. Apply product in late afternoon or evening. |
| | Native budworm (<i>H. punctigera</i>) | Vic Only | 1.25 or 1.9L/ha | | Inspect the crop regularly and immediately after flowering. Apply when damaging numbers first appear on the crop and repeat if necessary. Use the higher rate if larvae larger than 10mm are present. Best results will be obtained by spraying at egg hatch. |
| Lupins | Native Budworm (<i>H. punctigera</i>) | NSW, Vic & SA only | 1.25 to 1.9 L/ha | 24 days | Apply when damaging pest numbers first appear on the crop and repeat if necessary. Use the high rate if larvae larger than 10mm are present. |
| | | WA only | 750 mL/ha | | Small caterpillars do not damage pods and numbers usually decline naturally. Spray only when caterpillars reach 20mm in length and are about to damage pods. |
| | Cutworms | NSW only | 470 mL/ha | | Check emerging and establishing crops in the late afternoon and evening for caterpillars crawling on the soil surface and feeding on the seedlings. Apply product in late afternoon or evening. |
| Mung beans Navy beans | Native Budworm (<i>H. punctigera</i>), | Qld & NT only | 1.9 to 2.5 L/ha | 7 days | Apply when flower or pod feeding numbers reach 1-2 per metre of row. Use the higher rate when larvae larger than 10mm are present or when canopy is dense. Best results will be obtained at egg hatch. |
| | Corn earworm (<i>H. armigera</i>) | | 2.5L/ha | | Apply when the infestations reach economically damaging levels and repeat as required. Preferably apply to eggs. Apply to larvae less than 5mm long. |
| Soybeans | Corn Earworm (<i>H. armigera</i>) Native budworm (<i>H.punctigera</i>) | Qld, NT & NSW only | 1.9 to 2.5L/ha | 7 days | Apply when flower or pod feeding numbers reach 1-2 per metre of row. <i>H. punctigera</i> only - use the higher rate when larvae larger than 10mm are present or when canopy is dense. |
| Sorghum | Native Budworm (<i>H. punctigera</i>) Corn Earworm (<i>H. armigera</i>) | Qld, NT & NSW only | 1.9 to 2.5 L/ha | 7 days | Apply when larval numbers reach 2 per head. <i>H. punctigera</i> only - use the higher rate if larvae larger than 10mm are present. |

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| | Sorghum Midge (<i>Contarinia sorghicola</i>) | | 630 mL to 1.25 L/ha | | Apply when midge numbers reach 1-2 per head, from head emergence to completion of flowering. <i>H. punctigera</i> only - use the higher rate for longer residual protection. |
| Sunflowers | Native budworm (<i>H. punctigera</i>), | Qld, Vic & NT only | 19. to 2.5L/ha | 21 days | Apply when an average of 2-3 larvae are present per head or when larvae are damaging plants. <i>H. punctigera</i> only - use the higher rate when larvae larger than 10mm are present. |
| | Corn earworm (<i>H. armigera</i>) | | 2.5L/ha | | |
| | Grey cluster bug (<i>Nysius clevelandensis</i>) Rutherglen bug (<i>Nysius vinitor</i>) | Qld & NSW only | 1.9 to 2.5L/ha | | Apply from budding when adult numbers per plant reach 10-15 in dryland crops and 20-25 in irrigated crops. After flowering apply when adult numbers on the face of heads reaches 20-25. Repeat as required. The higher rate should be used when numbers are very high. |
| | Rutherglen bug (<i>Nysius vinitor</i>) | Vic, Tas, WA only | 1.25L/ha | | Apply from budding when adult numbers per plant reach 10-15 in dryland crops and 20 -25 in irrigated crops. After flowering apply when adult numbers on the face of heads reaches 20-25. Repeat as required. |
| Sweet corn | Native budworm (<i>H. punctigera</i>) | WA, SA, Vic, Qld, Tas, & NT only | 1.9 to 2.5 L/ha | 7 days | Cob damage tolerated is variable according to market requirements. For fresh market corn spray at tassel emergence then at intervals of 5-8 days until silks wither. For processing corn and maize apply at early silking. <i>H. punctigera</i> only - use the higher rate if larvae larger than 10mm are present. |
| | Corn earworm (<i>H. armigera</i>) | Tas & NT only | 2.5L/ha | | |

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| Maize | Corn earworm (<i>H. armigera</i>) Native budworm (<i>H. punctigera</i>) | Vic & Qld only | 1.9 to 2.5 L/ha | 7 days | Thoroughly and regularly check the crop. Apply from early silking according to pest incidence. Use the higher rate if larvae longer than 10mm are present. |
| | Corn earworm (<i>H. armigera</i>) | NT only | 2.5L/ha | | Thoroughly and regularly check the crop. Apply from early silking according to pest incidence. Preferably |

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| | | | | | apply to eggs. Apply to larvae only if they are less than 5mm long. |
| Winter Cereals | Cutworms (<i>Agrotis spp.</i>) | Qld only | 470 mL to 940 mL/ha | 21 days | Apply at first sign of economic pest infestation, or crop damage. Use the higher rate when the infestation is severe, or when the larvae are larger than 10 mm long, and when longer residual activity is required. |
| | | NSW only | 470 mL/ha | | Repeat application may be necessary. Check emerging and establishing crops in the late afternoon and evening for caterpillars crawling on the soil surface and feeding on seedlings. Spray late afternoon or evening. In NSW DO NOT apply before May or after August. |
| | Pasture Webworm (<i>Hednota spp.</i>) | WA only | 470 mL/ha | | Apply at first sign of pest infestation. |
| | Common Armyworm (<i>Mythima convecta</i>) Southern Armyworm | Vic & WA only | 1 L/ha | | Apply before "head lopping" occurs when larval numbers exceed 2 or more per square meter. Spray in the cool of the day (late afternoon) when the larvae are most active. Spray to achieve good crop penetration. This rate is effective against small (6 mm) and large (20mm) grubs. |

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

WITHHOLDING PERIODS:

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

COTTON, LINSEED: DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST.

SUNFLOWERS, WINTER CEREALS: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST.

LUPINS: DO NOT APPLY LATER THAN 24 DAYS BEFORE HARVEST.

FIELD PEAS: DO NOT APPLY LATER THAN 4 WEEKS BEFORE HARVEST.

GENERAL INSTRUCTIONS:

Dictate ULV is a contact residual insecticide. It can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing insects or larvae. Best results will be obtained by spraying at egg hatch.

Application

Dictate ULV is recommended for aerial application. Thorough coverage is essential to ensure adequate control. If possible spray in a cross wind. Do not spray in calm conditions or when wind is light and variable in direction. Application should be carried out during the cooler parts of the day or night. Add the required quantity directly to spray tank. Dictate ULV is applied undiluted and should be applied by aircraft fitted with rotary atomisers or hydraulic nozzles or with hand held atomisers specifically designed for this purpose. Water should be drained from the aircraft hopper and spray lines before using Dictate ULV

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF LIVESTOCK:

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

STORAGE AND DISPOSAL:Non-returnable containers

Store in the closed, original container in a well-ventilated area, as cool as possible but not below 4°C. Do not store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed 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 puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm 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.

Minibulk container

Store this tightly closed minibulk container in a safe and secure place away from children, animals, food and feedstuffs. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured.

If this occurs ChemAg Pty Ltd should be advised immediately. Store in a cool, dry, well-ventilated area away from excessive heat. This minibulk container is reusable and remains the property of ChemAg Pty Ltd. No other liquid, solid or pesticide product should be put into it. When empty return to ChemAg Pty Ltd for cleaning, relabelling and refilling.

SAFETY DIRECTIONS:

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FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Center (Phone 131126). If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF. Additional information is listed in the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

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