

#### STORAGE AND DISPOSAL

Store in the closed original container in a dry cool, well-ventilated area out of 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 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

Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist and elbow length PVC gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

#### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (*Phone Australia 13 11 26*). If in eyes, hold eyes open, flood with water for 15 minutes and see a doctor.

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements.

#### SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or from Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://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.

## CAUTION

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

IMTRADE

# VELCHEM DUET

HERBICIDE

ACTIVE CONSTITUENTS: 468g/L DIURON + 132g/L HEXAZINONE

GROUP **5** HERBICIDE

For the control of a wide range of Annual and Perennial Grasses, Broadleaf Weeds and Vines in established Sugarcane as specified in the Directions for Use Table.

**IMPORTANT: Read the attached Leaflet before use.**

<b>UN 3077</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains DIURON, HEXAZINONE)
In a Transport Emergency Dial 000 Police or Fire Brigade	
PG III	HAZCHEM Z2

APVMA Approval No: 64301/100260



GROUP  
**5**

FORM  
**DF**

CONTENTS  
**10kg**



Batch No.  
DOM:

**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
08 9419 0333 | [www.imtrade.com.au](http://www.imtrade.com.au)

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# **IMTRADE VELCHEM DUET HERBICIDE**

**ACTIVE CONSTITUENT: 468 g/kg DIURON**  
**132 g/kg HEXAZINONE**

**GROUP 5 HERBICIDE**

For the control of a wide range of annual  
and perennial grasses, broadleaf weeds  
and vines in established sugar cane  
as per the Directions for Use Table

**IMPORTANT: READ THIS LEAFLET THOROUGHLY  
BEFORE OPENING OR USING THIS PRODUCT**

**APVMA Approval No. 64301/100260**

Imtrade Australia Pty Ltd  
ABN 13 090 151 134  
17 Ocean Street, Kwinana WA 6167  
Tel: 1800 171 799 Fax: 1800 171 788  
Web: [www.imtrade.com.au](http://www.imtrade.com.au)

## **RESTRAINTS**

**DO NOT** spray over sugarcane or allow excessive spray contact as crop injury may result.

**DO NOT** replant treated areas to any other crop within two years after last application as injury to subsequent crop may result.

**DO NOT** use on light sandy soils as crop injury may result.

**DO NOT** use in young plant cane.

**DO NOT** use in waterlogged areas.

**DO NOT** use equipment or spraying methods which cause spray or spray drift to contact the growing point of the sugarcane.

**DO NOT** apply if greater than 50mm rainfall is expected within 3 days of application.

**DO NOT** irrigate within 3 days of application.

**DO NOT** apply to fields where the slope exceeds 3%.

**DO NOT** spot spray more than 5% of total farm areas.

**DO NOT** apply more than once per calendar year.

## **SPRAY DRIFT RESTRAINTS**

**DO NOT** apply by air.

**DO NOT** apply with spray droplets smaller than COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

**DO NOT** apply when wind speed is less than 3 or more than 20km per hour as measured at the application site.

Users of this product **MUST** make an accurate written record of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are:

1. Date with start and finish times of application;
2. Location address and paddock/s sprayed;
3. Full name of this product;
4. Amount of products used per hectare and number of hectares applied to;
5. Crop/situation and weed/pest;
6. Wind speed and direction during application;
7. Air temperature and relative humidity during application;
8. Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application;
9. Name and address of person applying this product. (Additional record details may be required by the State or Territory where this product is used).

## **MANDATORY NO-SPRAY ZONES**

**DO NOT** apply when there is non-target vegetation within 200m downwind from the application area.

**DO NOT** apply when there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 100m downwind from the application area.

## DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Sugarcane	Weed seedlings of: Amaranthus spp., Awnless Barnyard Grass, Barnyard Grass, Bluetop (Billygoat weed), Coast Button Grass, Cobbler's Pegs, Common Sida, Crowsfoot Grass, Green Summer Grass, Guinea Grass, Phyllanthus, Pigweed, Rattlepod, Setaria spp., Square Weed, Summer Grass, Thickhead	NSW, Qld only	4 kg/ha	<p><b>Ratoon cane (after harvesting):</b>  <b>DO NOT apply in the Wet Tropics.</b>  <b>DO NOT apply in the Burdekin between 1 December and 29 February.</b>  <b>DO NOT apply in Mackay/Whitsunday between 1 November and 31 May.</b>  <b>DO NOT apply in Mary-Burnett between 1 November and 31 May.</b>  <b>DO NOT apply in NSW between 1 November and 30 April.</b></p> <p>Apply after harvest and before crop and weed emergence. If applying as a band treatment avoid throwing excessive untreated soil onto the treated band when inter-row cultivating. <b>DO NOT</b> apply more than 4kg/ha during the season.</p>

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Sugarcane	Weeds as per previous page including: Bellvine, Common Morning Glory, Cupids Flower (Star of Bethlehem), Common Sensitive Plant, Passionfruit Vine, Pink Convolvulus, Red Convolvulus	NSW, Qld only	3-4 kg/ha	<b>Ratoon and Plant cane:</b> <b>APPLY ONLY</b> as a directed band spray over a maximum of 60% of the crop area. <b>DO NOT</b> apply in the Wet Tropics. <b>DO NOT</b> apply in the Burdekin between 1 January and 29 February. <b>DO NOT</b> apply in Mackay/Whitsunday between 1 November and 31 May. <b>DO NOT</b> apply in Mary-Burnett between 1 November and 29 February. <b>DO NOT</b> apply in NSW between 1 November and 31 March.
	Giant Sensitive Plant, Itch Grass, Wild Rose, Centro, Pink Burr, Stinking Passion Flower	Qld only		If emerged annual weeds (15cm or less in height) are present ensure thorough spray coverage is achieved. Use as a directed spray to minimise spray contact with cane plant as injury to cane may result. <b>DO NOT</b> use any more than 4kg/ha during the season. Treated areas may be replanted to sugarcane one year after last application. <b>DO NOT</b> treat at out-of-handstage, ratoon blocks that are to be replanted soon after harvest. Some itch grass plants germinating from a depth unprotected by the chemical may not becontrolled.
	Guinea Grass	NSW, Qld only	1kg/ 100L	<b>SPOT SPRAY ONLY:</b> Spray when Guinea Grass Stools are at least 15cm high for best results. Wet thoroughly to point of run-off. Avoid contact with adjacent cane as crop injury may occur.

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

## GENERAL INSTRUCTIONS

Imtrade Velchem Duet Herbicide is a broad spectrum, soil residual herbicide for the control of a wide range of annual and perennial grasses, broadleaf weeds and vines.

Best results are achieved if Imtrade Velchem Duet Herbicide is applied just before weed growth occurs. Well established weeds should first be removed by mechanical or other means. Soil should be moist at time of application and be free from trash and clods.

Results vary with soil type and environmental conditions. Lower rates are effective on lighter soils, while the higher rates may be necessary for effective control on heavier soils. Herbicide effects are slow to appear and may not become apparent until sufficient moisture (12-25mm on moist soil, 25-50mm on dry soils) in the form of rainfall or irrigation occurs after treatment to carry the product into the root zone of germinating weeds. Best results are achieved if rainfall or irrigation occurs within 3-4 days after application. With irrigation, the entire treated area must be thoroughly wetted, however, care should be taken not to overwater and cause run-off.

All rates are expressed as overall rates. For band treatments use proportionately less. Use only half the overall rate when treating half the area. Temporary chlorosis of lower leaves may occur. To minimise injury use low directed spray application. Tolerance of cane varieties should be determined before treating large areas.

## RESISTANT WEEDS WARNING

### **GROUP 5 HERBICIDE**

Imtrade Velchem Duet Herbicide contains members of the triazinone and urea group of herbicides. Imtrade Velchem Duet Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management, Imtrade Velchem Duet Herbicide is a Group 5 Herbicide. Naturally-occurring weed biotypes resistant to Imtrade Velchem Duet Herbicide and other inhibitor of photosynthesis at photosystem II herbicides may exist through normal genetic variability in any weed population. They can eventually dominate the weed population if these herbicides are used repeatedly. These herbicides will not be controlled by Imtrade Velchem Duet Herbicide or other inhibitor of photosynthesis at photosystem II herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of Imtrade Velchem Duet Herbicide to control resistant weeds.

## **Equipment and application**

Fill the spray tank with water. Weigh the correct amount of the product and add to the spray vat. To prevent nozzle blockage, strainer and nozzle screens should be 50 mesh or coarser. Keep the material in suspension at all times by continuous agitation.

Mechanical agitation is preferred, although hydraulic agitation is satisfactory if the pump has sufficient volume to return at least 5% of the tank capacity per minute when the sprayer is in operation. When the by-pass or return line is used, it should terminate at the bottom of the tank to reduce foaming.

**DO NOT USE AIR AGITATION.**

## **Fixed Boom Power Sprayer**

Spray booms must be shut off while starting, turning, slowing or stopping as overdose may result in crop injury. Use sufficient water (400-600L/ha of area actually sprayed) to provide thorough and uniform coverage. Use sufficient pressure (in the range 250-350 kPa) to allow spray to penetrate. Higher pressures should be avoided to prevent spray drift onto non-target areas.

## **Use of Surfactant/Wetting agent**

Where established weeds are present and cannot be removed by other means, the use of a non-ionic surfactant may increase the wetting of leaves and increase the knockdown effectiveness of the treatment. Use a non-ionic surfactant (1000 g/L) at the rate of 250mL to 500 mL/100L final spray volume (0.25% to 0.5% volume/volume). For perennial weeds and grasses use the higher rate of surfactant. Best results are obtained where weeds and grasses are growing under conditions of high humidity and temperatures higher than 21°C.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

**DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.

## **PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

**DO NOT** apply or drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

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

**DO NOT** use on lawns, driveways, walkways, tennis courts or similar areas.

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### Additional GHS Hazard & Precautionary Statements

●Harmful if swallowed; ●Causes skin irritation; ●May cause respiratory irritation; ●Suspected of causing cancer; ●May cause damage to organs through prolonged or repeated exposure; ●Very toxic to aquatic life with long-lasting effects; ●**DO NOT** breath fumes, mists, vapours or spray; ●**DO NOT** get on skin or on clothing; ●**DO NOT** eat, drink or smoke when using this product; ●Get medical advice or attention if you feel unwell; ●**IF SWALLOWED**: Call a POISON CENTRE or doctor if you feel unwell; ●**IF SWALLOWED**: Rinse mouth. Do **NOT** induce vomiting; ●**IF ON SKIN**: Wash with plenty of soap and water; ●If exposed or concerned: Get medical advice; ●If skin irritation occurs: Get medical advice; ●If eye irritation persists: Get medical advice; ●Collect spillage; ●Not combustible. Use extinguishing media suited to burning materials; ●Store locked up; ●Keep container tightly closed.

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<b>PG III</b>	<b>HAZCHEM ZZ</b>

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