

#### 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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Empty containers and product should **NOT** be burnt.

#### SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), washable hat, elbow-length PVC gloves and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), washable hat and elbow-length PVC gloves. Wash hands after use. 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 Centre (Phone Australia 13 11 26).

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

#### SAFETY DATA SHEET

For further information refer to the Safety Data Sheet, which can be obtained from your supplier or 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

# LIMBO 750 WG

HERBICIDE

ACTIVE CONSTITUENT: 750g/kg ISOXAFLUTOLE

GROUP **27** HERBICIDE

For the control and suppression of various broadleaf weeds and grasses in Sugarcane and Chickpeas as specified in the Directions for Use table.

Important: Read the attached Leaflet before use.

GROUP  
**27**

FORM  
**WG**

CONTENTS  
**500G-10KG**

<b>UN 3077</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (contains ISOXAFLUTOLE)
	In a Transport Emergency Dial 000 Police or Fire Brigade
PG III	HAZCHEM 2Z

APVMA Approval No: 68939/62713



Batch No.  
DOM:

**IMTRADE**  
CropScience

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# **IMTRADE LIMBO 750 WG HERBICIDE**

**ACTIVE CONSTITUENT: 750g/kg ISOXAFLUTOLE**

<b>GROUP</b>	<b>27</b>	<b>HERBICIDE</b>
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**For the control and suppression of various broadleaf weeds  
and grasses in Sugarcane and Chickpeas as specified  
in the Directions for Use table.**

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

**APVMA Approval No. 68939/62713**

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## RESTRAINTS

### *All Crops*

**DO NOT** apply by aircraft.

Sugarcane

**DO NOT** apply with wetting agents, crop oils or other adjuvants.

**DO NOT** apply to poorly drained soils, e.g. soils prone to waterlogging, sodic soils or soils affected by physical compaction.

**DO NOT** apply to crops with poor root development or to crops under stress from waterlogging, drought, nutrient deficiency or disease.

**DO NOT** apply to soils of cation exchange capacity (C.E.C.) below 4.5meq/100g.

**DO NOT** apply to soils with organic carbon content of 1.0% or less, unless the cation exchange capacity (C.E.C.) is above 9.5 meq/100g. These values should be determined through soil analysis prior to using Imtrade Limbo 750 WG Herbicide.

## DIRECTIONS FOR USE:

Crop	Weed Controlled	State	Rate	Critical Comments
Sugarcane	<b>Pre-weed emergence:</b> Barnyard Grass, Billygoat Weed (Blue top), Blackberry Nightshade, Crowsfoot Grass, Green Summer Grass, Guinea Grass Summer Grass Thick Head	QLD, NSW, WA only	200g/ha	<b>General:</b> Imtrade Limbo 750 WG Herbicide can be applied to hot and dry soils, without the risk of breakdown by sunlight. For effective weed control, incorporation by rainfall or irrigation to the weed root zone is required, but immediate soil incorporation is not critical due to the ultraviolet stability of Imtrade Limbo 750 WG Herbicide. See 'Crop Safety' and 'Application' under GENERAL INSTRUCTIONS.  <b>Pre to early post-emergence of plant cane:</b> May be applied as a broadcast or band spray 'over the top' of plant cane from planting up to the 3 to 4 leaf crop stage. ADD paraquat at label rates where green cane leaf has emerged at application, even if no weeds have emerged. <b>DO NOT</b> apply as a broadcast or band spray after the 4 leaf stage of plant cane. Beyond this stage, Imtrade Limbo 750 WG Herbicide must only be applied as a direct spray (see <b>Prior to the out-of-hand stage of plant and ratoon cane</b> below).

## DIRECTIONS FOR USE:

Crop	Weed Controlled	State	Rate	Critical Comments
Sugarcane <i>(continued)</i>	<b>Pre-weed emergence:</b> Barnyard Grass, Billygoat Weed (Blue top), Blackberry Nightshade, Crowsfoot Grass, Green Summer Grass, Guinea Grass Summer Grass Thick Head	QLD, NSW, WA only	200g/ha	<p><b>DO NOT</b> apply to unconsolidated soil in the cutaway situation, where rainfall or irrigation may cause soil movement into the planting drill.</p> <p><b>DO NOT</b> apply to shallow planted cane (e.g. less than 60mm of soil cover above the sett). A greater depth of soil cover is recommended where soils have a high infiltration rate.</p> <p><b>After harvest of ratoon cane:</b>                      May be applied 'over the top' of cane as a broadcast or band spray up to the 2 leaf crop stage. Imtrade Limbo 750 WG Herbicide can be applied to burnt or trash blanketed ratoon cane. Avoid soil disturbance e.g. stool splitting, after application. If weeds have emerged at application, add paraquat at the appropriate label rate to provide improved weed knockdown.</p> <p><b>Prior to the 'out-of-hand' stage of plant and ratoon cane:</b>                      Apply as a directed inter-row spray (e.g. Irvin leg) to the soil surface after the last working. Best results are obtained where the mound surface has consolidated to minimise soil and herbicide movement. Direct the spray to minimise contact with sugarcane foliage. <b>DO NOT</b> apply to sugarcane less than 0.75m in height. If weeds have emerged at application, add paraquat at the appropriate label rate to provide improved weed knockdown.</p>

## DIRECTIONS FOR USE:

Crop	Weed Controlled	State	Rate	Critical Comments
Chickpeas	<p><b>Weeds Controlled:</b> Capeweed, Crassula, Indian Hedge Mustard, Medic, Prickly Lettuce, Sowthistle, Turnip Weed, Wild Radish</p> <p><b>Weeds Suppressed:</b> Deadnettle, Slender Celery</p>	QLD, NSW, ACT, VIC, SA and WA only	100g/ha	<p><b>Pre-weed emergence:</b> Application can be made to dry or damp soil. Application should be made as soon as possible after planting prior to emergence of the crop. If applied during the planting operation ensure Imtrade Limbo 750 WG Herbicide is applied <b>after</b> furrow closure. Failure to thoroughly close and firm the seed furrow may allow herbicide to directly contact the seed which may cause crop injury. If sowing with knife points or disc openers, ensure that herbicide cannot be concentrated in the sowing furrow by soil wash. Either close the furrow with harrows, or stabilise the furrow with press wheels. Mechanical incorporation is not recommended. Use a nozzle configuration to achieve a medium to coarse spray pattern.</p> <p><b>A minimum spray volume of 50L/ha is recommended.</b></p> <p><b>Application of Imtrade Limbo 750 WG Herbicide post-sowing pre-emergent to chickpeas planted in sandy or gravelly soils, or soils low in clay or organic matter may result in crop damage. Heavy rains after the application of Imtrade Limbo 750 WG Herbicide may cause crop damage, particularly in sandy or gravelly soils.</b></p> <p><b>Imtrade Limbo 750 WG Herbicide is not recommended for use on Yorker chickpeas. See "Crop Safety" in GENERAL INSTRUCTIONS section below.</b></p>

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

## **WITHHOLDING PERIOD**

### **Sugarcane**

**HARVEST: DO NOT HARVEST FOR 19 WEEKS AFTER APPLICATION.**

**GRAZING: DO NOT GRAZE ANIMALS ON TREATED CROPS.**

### **Chickpeas**

**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.**

**GRAZING: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 4 WEEKS AFTER APPLICATION.**

## **GENERAL INSTRUCTIONS**

### **RESISTANT WEEDS WARNING**

<b>GROUP</b>	<b>27</b>	<b>HERBICIDE</b>
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Imtrade Limbo 750 WG Herbicide is a member of the isoxasole group of herbicides. Imtrade Limbo 750 WG Herbicide is a herbicide which inhibits 4-hydroxyphenyl-pyruvate dioxygenase (4-HPPD). For weed resistance management Imtrade Limbo 750 WG Herbicide is a Group **27** Herbicide. Some naturally occurring weed biotypes resistant to Imtrade Limbo 750 WG Herbicide and other Group **27** Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Imtrade Limbo 750 WG Herbicide or other Group **27** 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 Limbo 750 WG Herbicide to control resistant weeds.

## **CROP SAFETY**

### ***Chickpeas***

Application of Imtrade Limbo 750 WG Herbicide to chickpeas planted in sandy or gravelly soils, or soils low in clay or organic matter may result in crop damage. Heavy rains after the application of Imtrade Limbo 750 WG Herbicide may cause crop damage, particularly in sandy or gravelly soils.

### **Varietal tolerance**

Imtrade Limbo 750 WG Herbicide is not recommended for use with the chickpea variety Yorker. Application of Imtrade Limbo 750 WG Herbicide post-sowing pre-emergence to crops of Yorker variety chickpeas can result in unacceptable crop damage and may result in yield loss.

### Crop rotation recommendations

Imtrade Limbo 750 WG Herbicide may be applied to chickpea crops where the following crop will be chickpeas, or where the land will be left fallow. The following re-cropping instructions apply to following crops other than chickpeas.

- Prolonged dry periods or cold conditions may result in extended re-cropping intervals, even if rainfall exceeds the required amount (listed in the table below). If in doubt, contact your local Imtrade Australia Pty Ltd representative.
- Heavy rainfall after an extended dry period may result in the reactivation of Imtrade Limbo 750 WG Herbicide. This can lead to transient bleaching or crop stunting.
- Use on soils with a pH less than 7.0 has not been extensively tested, and may result in extended re-cropping intervals.
- Cultivation is recommended prior to re-cropping.
- Minimum re-cropping intervals apply for all crops following Imtrade Limbo 750 WG Herbicide application. For advice on crops not listed below, contact the manufacturer, Imtrade Australia Pty Ltd

CROP	MINIMUM RE-CROPPING INTERVAL	MINIMUM RAINFALL REQUIREMENT*
Wheat	10 weeks	100mm
Barley	10 weeks	100mm
Oats	10 weeks	100mm
Canola	9 months	350mm
Faba Beans	9 months	250mm
Field Peas	9 months	250mm
Lentils	21 months	500mm
Clover	21 months	500mm
Lucerne	9 months	350mm
Medic	21 months	500mm
Maize	10 weeks	100mm
Mung Beans	7 months	250mm
Sorghum	7 months	250mm
Soybeans	7 months	250mm
Sunflowers	7 months	250mm
Cotton	7 months	350mm

\*Minimum rainfall total from Imtrade Limbo 750 WG Herbicide use until planting of the subsequent crop. **DO NOT include flood or furrow irrigation in the minimum rainfall requirement.**

## ***Sugarcane***

There are 3 key guidelines for maintaining crop safety when using Imtrade Limbo 750 WG Herbicide in sugarcane:

- 1. DO NOT** apply to soils with a low binding potential, that is with a cation exchange capacity (C.E.C.) below 4.5 meq/100g, or an organic carbon (O.C.) content of 1.0% or less (unless C.E.C. is greater than 9.5 meq/100g).
- 2. DO NOT** apply to areas which have poor drainage or poor root development.
3. Add paraquat to Imtrade Limbo 750 WG Herbicide to minimise foliar uptake when applying as a broadcast spray to plant cane.

Imtrade Limbo 750 WG Herbicide is absorbed to organic matter and clay particles in the soil. Soils with low organic carbon (O.C.) and cation exchange capacity (C.E.C.) have a reduced capacity to absorb the herbicide in the soil, which may result in the herbicide leaching past the weed root zone into the cane root zone. Crop root uptake of Imtrade Limbo 750 WG Herbicide may result in phytotoxicity, which is evident as bleaching of leaves. To minimise the risk of crop root uptake, Imtrade Limbo 750 WG Herbicide is not recommended for use on soil with a C.E.C. below 4.5 meq/100g, or an O.C. of 1.0% or less (unless C.E.C. is greater than 9.5 meq/100g). These values should be determined through soil analysis prior to using Imtrade Limbo 750 WG Herbicide. Refer to your local reseller or Imtrade Australia Pty Ltd representative to assist you with interpretation of your soil analysis results.

The use of Imtrade Limbo 750 WG Herbicide on newly limed soil could cause severe crop damage, please contact your local Imtrade Australia Pty Ltd representative for advice prior to use of Imtrade Limbo 750 WG Herbicide in this situation.

If you are contemplating the use of Imtrade Limbo 750 WG Herbicide on experimental or minor varieties of sugarcane, small test areas should be treated to establish suitable tolerance before treating large areas. For further information on varietal tolerance please contact your Imtrade Australia Pty Ltd representative.

## **Mixing**

Partly fill the spray tank with water. Start agitation. Add the correct amount of Imtrade Limbo 750 WG Herbicide to the spray tank with the agitation system running. When tank-mixing with paraquat ensure that Imtrade Limbo 750 WG Herbicide is added to the spray mixture first, followed by paraquat to ensure thorough mixing. Continue agitation while topping up the tank with water and while spraying. Use prepared spray mixture on day of preparation. **DO NOT** allow spray mixture to stand overnight.



## **Application**

### ***Sugarcane***

Apply in a minimum spray volume of 250L/ha. For best results flat fan nozzles are recommended. Select the lowest pressure (within the recommended nozzle operating range), to reduce drift. Use a nozzle size that delivers a medium to coarse droplet at the selected operating pressure.

Imtrade Limbo 750 WG Herbicide can be applied to hot and dry soils, without the risk of breakdown by sunlight. This ultraviolet stability removes the need for immediate soil incorporation of the product. Imtrade Limbo 750 WG Herbicide is activated by rainfall or irrigation, which is required to carry the herbicide into the root zone of the germinating weeds.

Weed escapes may occur after spraying Imtrade Limbo 750 WG Herbicide if weed germination occurs before the chemical is activated OR carried to the depth of the weed root zone. Under prolonged dry conditions a greater quantity of rainfall or irrigation may be required for effective activation of the product. Under these conditions, shoots of germinating weeds may intercept the Imtrade Limbo 750 WG Herbicide band and appear affected, but may not be controlled. Weeds that do not turn completely white within days of emergence must be sprayed with an appropriate knockdown herbicide. To avoid weed escapes, it is recommended to allow weeds to germinate, and then apply Imtrade Limbo 750 WG Herbicide in tank mixture with paraquat at an appropriate label rate to provide additional weed knockdown.

Soil movement from irrigation or cultivation may result in poor weed control from Imtrade Limbo 750 WG Herbicide. **DO NOT** incorporate Imtrade Limbo 750 WG Herbicide by flood irrigation or with high-pressure water cannons if excessive soil movement is expected, particularly if the soil is in a loose, dry condition. Best results are achieved where rainfall or low pressure overhead irrigation carries the herbicide downward in an even band to the depth of the weed root zone.

## **COMPATIBILITY**

### ***Chickpeas***

Imtrade Limbo 750 WG Herbicide should not be tank-mixed with Trifluralin.

## **Spray Equipment Clean-Up**

To avoid injury or exposure to non-target crops, thoroughly clean all mixing and spray equipment, including pumps, nozzles, lines and screens with a good quality tank cleaner immediately after using Imtrade Limbo 750 WG Herbicide. Before disassembling nozzles, filters and other parts for cleaning, thoroughly wash down the exterior of the spray equipment with a pressure hose. A more rigorous cleaning process is recommended, particularly before spraying very sensitive crops (e.g. Canola).

**To rinse:** After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

**To clean:** Empty the tank completely and drain the whole system. Without entering it, thoroughly wash inside the tank using a pressure hose. Alternatively, if the tank is fitted with in-tank rinse nozzles, activate these nozzles to thoroughly rinse the inside of the tank. Drain the tank and clean any tank, pump, line and nozzle filters.

**To decontaminate:** Quarter fill the tank and add a liquid alkali detergent at 500 mL/100L of water or a chlorine bleach (4% chlorine) at 300 mL/100L of water and circulate throughout the system for at least 15 minutes. Drain the whole system. Nozzles, screens, relief valves, dump lines, caps and taps at the end of the spray lines, tank lids, flow meters, lines to pressure gauges, external tank indicators, induction hoppers and transfer systems should be removed/pulled apart and cleaned separately. Pay special attention to by-pass lines from pressure relief or dump valves to the main tank. To remove traces of chlorine bleach, flush the system with clean water and allow to drain.

**Rinse water should be discharged into a designated disposal area or if this is unavailable, onto unused land away from desirable plants and their roots, and water courses.**

## **PRECAUTIONS**

### **Re-entry period**

**DO NOT** allow entry into treated areas for 12 hours after treatment. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

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

**DO NOT** apply under weather conditions, or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

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

**DO NOT** contaminate streams, rivers or waterways with this product or the used containers, as this product may cause injury to non-target plants and vegetation, particularly aquatic plants and algae.

## STORAGE AND DISPOSAL

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## SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), washable hat, elbow-length PVC gloves and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), washable hat and elbow-length PVC gloves. Wash hands after use. 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 Centre (*Phone Australia 13 11 26*).

### Additional GHS Hazard & Precautionary Statements

- Suspected of damaging fertility or the unborn child;
- Very toxic to aquatic life with long-lasting effect;
- **IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting;
- If exposed or concerned: Get medical advice;
- Collect spillage;
- In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires.

## SAFETY DATA SHEET

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