

Product Name: Conquest Magnitude 100 EC Selective Herbicide  
APVMA Approval No: 92377/135321



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| Label Name: | Conquest Magnitude 100 EC Selective Herbicide |
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| Signal Headings: | CAUTION<br>KEEP OUT OF REACH OF CHILDREN<br>READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
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| Constituent Statements: | Active Constituent: 100 g/L Pyrasulfotole<br>Crop safener: 25 g/L Mefenpyr-diethyl<br><br>Solvents:<br>200 g/L N-methyl pyrrolidone<br>559 g/L Liquid hydrocarbons |
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| Mode of Action: | GROUP 27 HERBICIDE |
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| Statement of Claims: | Selective Herbicide for the control of broadleaf weeds in cereals as specified in the direction for use |
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| Net Contents: | 1 L-1000 L |
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| Restrains: | This section contains file attachment. |
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| Directions for Use: | This section contains file attachment. |
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| Other Limitations: |  |
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| Withholding Periods:  | Harvest: Not required when used as directed<br>Grazing/Stock food: Do not graze or stock for stock food for 8 weeks after application.  |
| Trade Advice:         |   |
| General Instructions: | This section contains file attachment.  |
| Resistance Warning:   | <p>Conquest Magnitude® 100 EC Herbicide is a member of the Pyrazolone group of herbicides. Conquest Magnitude® 100 EC has the inhibition of 4-hydroxyphenylpyruvate dioxygenase (4-HPPD) mode of action. For weed resistance management Conquest Magnitude® 100 EC is a Group 27 herbicide. Some naturally occurring weed biotypes resistant to Conquest Magnitude® 100 EC 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 Conquest Magnitude® 100 EC or other Group 27 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Conquest accepts no liability for any losses that may result from the failure of Conquest Magnitude® 100 EC to control resistant weeds.</p>  |
| Precautions:          | <p>Re-entry Statement</p> <p>DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.</p>   |
| Protections:          | <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p>   |
| Storage and Disposal: | <p>Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p>For Non-refillable containers<br/>Triple-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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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. DO NOT burn empty containers or product.</p> <p>For Refillable containers<br/>Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p> |

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| Safety Directions: | Will irritate the eyes, nose and throat and skin. Open container in the open air. Do not inhale vapour or spray mist. Avoid contact with eyes and skin. When using together with other products, consult their label safety directions. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use, wash gloves, face shield or goggles, and contaminated clothing. |
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| First Aid Instructions: | If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water. |
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| First Aid Warnings: |  |
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## RESTRAINTS

DO NOT apply to crops or weeds affected by frost and/or very cold temperatures, or if frosts are imminent.

DO NOT apply when dew is present.

DO NOT apply if irrigation or rainfall is likely to occur within 4 hours of application.

DO NOT apply without adjuvant/crop oil.

DO NOT apply by aircraft.

## SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [www.apvma.gov.au/spraydrift](http://www.apvma.gov.au/spraydrift)

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

### Boom Sprayers

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a MEDIUM spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer Zones for Boom Sprayers Conquest Magnitude® 100 EC Herbicide + Glocker® 750 WG Herbicide

| Application rate                     | Boom height above the target canopy | Natural aquatic areas | Pollinator areas | Vegetation areas | Livestock areas |
|--------------------------------------|-------------------------------------|-----------------------|------------------|------------------|-----------------|
| 250 mL– 375 mL                       | 0.5 m or lower                      | 0 metres              | 0 metres         | 40 metres        | 250 metres      |
| +<br>Conquest<br>Glocker®<br>34 g/ha | 1.0 m or lower                      | 10 metres             | 0 metres         | 110 metres       | 250 metres      |

## DIRECTIONS FOR USE

### **Magnitude® 100 EC Herbicide + Conquest Glocker® 750 WG herbicide - Western Australia only.**

Observe the most conservative, reapplication intervals and other instructions on the label of the mixture product.

A recommended adjuvant must be used in conjunction with the mixture of Magnitude® and Glocker®.

The recommended adjuvants are Glisarin (1% v/v) or In2/In2pro (0.5% v/v)

| <b>Crop</b>  | <b>Weed</b>                               | <b>State</b> | <b>Weed Stage</b> | <b>Rate per hectare</b>  |
|--|---|--------------|-------------------|--|
| Wheat,<br>barley<br>2 leaf to late<br>tillering<br>(Z12-Z28) | Wild radish<br>(Raphanus<br>raphanistrum) | WA only      | Up to 6 leaf      | 250 mL– 375 mL<br>+<br>Conquest Glocker®<br>34 g/ha<br>+<br>Recommended adjuvant |

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

## **GENERAL INSTRUCTIONS**

Conquest Magnitude® 100 EC should only be applied with the recommended tank mix herbicide to ensure satisfactory weed efficacy and to assist with control of herbicide resistant weed populations.

Conquest Magnitude® 100 EC is a pyrazole herbicide, which has predominately foliar activity. Conquest Magnitude® 100 EC will not control weeds which emerge after spraying. Results are best under good spraying conditions and application to weeds or crop under stress should be avoided.

Optimum performance of Conquest Magnitude® 100 EC occurs when it is applied in warmer temperatures with good light intensity. To maximise efficacy, apply Conquest Magnitude® 100 EC during the day, at least 1 hour before sunset, particularly if followed by low overnight temperatures.

### **Mixing**

Conquest Magnitude® 100 EC is an emulsifiable concentrate (EC) formulation. Always apply with a recommended adjuvant (see below).

1. Half fill the spray tank with clean water and start agitation.
2. Add Conquest Glocker® 750 and mix thoroughly.
3. Add Conquest Magnitude® 100 EC.
4. Add remaining water.
5. Add adjuvant near the end of the filling process to minimize foaming.
6. Always maintain adequate agitation during application and use the tank mix promptly.

### **Adjuvant**

Always add a recommended Conquest Adjuvant; either Conquest In2 or In2pro at 0.5 L/100L or Conquest Glisarin at 1 L/100L in tank mix with Conquest Magnitude® 100 EC.

### **Application**

Use only low boom equipment set up to provide good coverage of weeds within the crop canopy. Apply in water volumes of 50 to 150 L/ha. High spray volumes are required for use in advanced weeds (greater than 4 leaf at time of application), heavy weed density causing shading of weeds or heavy crop canopy causing shading of weeds, as adequate coverage is critical to ensure control.

### **Crop Safety**

DO NOT apply to crops undersown with legumes or broadleaf pastures.

DO NOT apply to any crop other than wheat and barley.

For optimum weed control and to minimise crop effect, spray application should occur to actively growing crops within the recommended crop growth stage of the Directions for Use table.

Some crop yellowing, bleaching, necrosis, and reduction in crop biomass may occur within the first four weeks following spray application. Crop effects may be more visual under certain environmental stress conditions (e.g., wet, cold, dry, frost) or where crop health is negatively impacted due to disease, nutrition, insects, or prior herbicide applications. Crop injury may occur when dew is present at the time of application or when light rain occurs soon after application. Applications should not be made when the crop is under stress from very cold temperature, or when rain, dew or frost may occur prior to, at or immediately after application.

### **Crop Rotation Recommendations**

Minimum recropping intervals apply for all crops following application of Conquest Magnitude® 100 EC. Recropping intervals are dependent on the rate of product applied. Areas that receive double rates (boom overlaps) may show symptoms of damage in sensitive crops. This is generally restricted

to discolouration (bleaching) of the crop but may also result in biomass reduction or reduced yields in some situations. For advice on crops not listed below, contact Conquest Crop Protection.

### **Rainfall/irrigation - winter and summer recropping**

For crops listed as requiring a minimum amount of rainfall or irrigation in combination with a set recropping interval - rainfall and irrigation totaling less than the stated amount in the tables below following use of Conquest Magnitude® 100 EC may result in an extended recropping interval. Patchy rain, with extended dry periods, may also result in extended recropping intervals, even when rainfall exceeds the minimum stated. If in doubt, seek specialist advice.

### **Dry conditions or less than the recommended minimum rainfall**

Conquest Magnitude® 100 EC breaks down by microbial degradation, which is favoured by warm, moist, aerobic soil. Where less than the minimum rain has fallen between application and planting the next year, it is recommended to only plant a cereal crop.

### **pH**

Application to soils with a pH greater than 8.4 (soil in water) has not been tested and is not recommended. Recropping symptoms are reduced on acid soils (pH <6.5 soil in water, pH <6.0 in CaCl<sub>2</sub>).

### **Recropping Intervals - Winter Sown Crops**

| Crop - winter sown  | Rate of Conquest Magnitude® 100 EC applied | Minimum rainfall/irrigation required | Recropping interval |
|---|--|--------------------------------------|---------------------|
| Wheat, barley, oat, triticale   | Up to 375 mL/ha                            | -                                    | 3 weeks             |
| Canola, clover*, chickpea, faba bean*, field pea, lentil*, lucerne, lupin, vetch  | 250 mL/ha                                  | 250 mm                               | 9 months            |
| Alkaline or neutral soils -<br>Canola, chickpea, field pea, lucerne, lupin, vetch   | Up to 375 mL/ha **                         |                                      |                     |
| Acid soils (pH <6.5 in water, pH <6.0 in CaCl <sub>2</sub> ) -<br>Canola, chickpea, clover, faba bean, field pea, lentil, lucerne, lupin, medic, vetch  | Up to 375 mL/ha                            |                                      |                     |
| Alkaline or neutral soils - Lentil, medic.<br>Note, on soils with free limestone DO NOT use Conquest Magnitude® 100 EC above 250 mL/ha unless substantial biomass reduction (medic) or discolouration (lentil, medic) is acceptable in areas of boom overlap. | 375 mL/ha (see note in crop column)        | 500 mm                               | 21 months           |

For winter recropping, transient biomass reduction or discolouration may occur where recropped following application of Conquest Magnitude® 100 EC. When used as directed, grain yield is not compromised where transient biomass reduction or discolouration occurs.

\* Where Conquest Magnitude® 100 EC at 250 mL/ha is applied on alkaline soils, recropping areas that receive double rates (boom overlaps) may show increased symptoms of damage in crops such as clover, faba beans and lentil. This is generally restricted to discolouration (bleaching) of the crop but may also result in biomass reduction or reduced yields in soil situations.

\*\* Where Conquest Magnitude® 100 EC is applied on alkaline soils, recropping areas that received double rates (boom overlaps) may show increased symptoms of damage in crops such as canola, field pea, lentil, lupin, medic and vetch. This is generally restricted to discolouration (bleaching) of the crop but may also result in biomass reduction or reduced yields in some situations.

#### Recropping Intervals - Summer Sown Crops

| Crop - summer sown         | Rate of Conquest Magnitude® 100 EC applied | Minimum rainfall required | Recropping interval |
|----------------------------|--|---------------------------|---------------------|
| Maize, sorghum             | Up to 375 mL/ha                            | -                         | 8 weeks             |
| Cotton, soybean, sunflower | Up to 250 mL/ha                            | 300 mm                    | 14 months           |
| Mung bean                  | Up to 375 mL/ha***                         | 300 mm                    |                     |
| Cotton, soybean, sunflower | Up to 375 mL/ha***                         | 500 mm                    |                     |

For summer recropping, transient biomass reduction or discolouration may occur where recropped after application of Conquest Magnitude® 100 EC. When used as directed, grain yield is not compromised where transient biomass reduction or discolouration occurs.

\*\*\*Where Conquest Magnitude® 100 EC is applied at 375 mL/ha, recropping areas that receive double rates (boom overlaps) may show increased symptoms of damage. This is generally restricted to discolouration (bleaching) of the crop but may also result in biomass reduction in some situations.

#### Sprayer Clean-up

The sprayer must be thoroughly cleaned before being reused to spray crops other than winter cereals. Warning: The rubber components present in some spraying units may be affected by exposure to undiluted Conquest Magnitude® 100 EC. To reduce the risk of adverse effects it is recommended that the spray unit be thoroughly cleaned after each use.

Cleaning procedure: Ensure that the following operation is carried out in an area that is clear of waterways, desirable vegetation and tree roots, and preferably in an area where drainings can be contained.

Fill the boom tank with water, rinse and repeat this procedure (i.e. fill and rinse the tank twice) then remove and clean all filters (inline and nozzle) separately. A boom cleaner should be used in this process to provide an effective cleaning technique. This should be done immediately after spraying is finished to prevent dried residues adhering to the tank/lines/filters. Refer to the product labels of tank mix products for appropriate cleaning instructions for those products.

#### COMPATIBILITY

Conquest Magnitude® 100 EC is compatible with Conquest Glocker® 750 WG and Conquest adjuvants: Conquest In2 and In2Pro and Conquest Glisarin. For more information visit the Conquest website or contact your local sales representative.



**ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)**

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May damage fertility or the unborn child. May cause damage to organs (liver, urinary system, exocrine pancreas) through prolonged or repeated exposure. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. Avoid breathing vapours and spray. Wash contaminated skin thoroughly after handling. Wear protective gloves, clothing, eye and face protection. Use only outdoors or in a well-ventilated area. Obtain, read and follow all safety instructions before use. IF SWALLOWED: get emergency medical help immediately. DO NOT induce vomiting. IF ON SKIN: wash with plenty of soap and water. If skin irritation occurs: get medical help. Take off contaminated clothing and wash it before re-use. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical help. IF INHALED remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell. If exposed or concerned, get medical advice.

**SAFETY DATA SHEET**

For further information refer to the Safety Data Sheet (SDS), which can be obtained by scanning the QR code or the Conquest website.