

Product Name: Conquest Maca 750 EC Herbicide
APVMA Approval No: 90349/134157



Label Name:	Conquest Maca 750 EC Herbicide
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	750 g/L TRICLOPYR PRESENT AS THE BUTOXYETHYL ESTER
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Mode of Action:	GROUP 4 HERBICIDE
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Statement of Claims:	For the control of a range of woody weeds and melons as specified in the Directions for Use table.
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Net Contents:	1 L - 1000 L
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Restraints:	DO NOT apply using equipment carried on the back of the user. DO NOT apply using handheld application methods. DO NOT apply to weeds which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected), poor nutrition, presence of disease, or previous herbicide treatment as reduced levels of control may result. DO NOT burn off, cut or clear blackberry or other woody weeds for six months after spraying. In Tasmania for blackberry, DO NOT treat bushes carrying mature fruit or near mature fruit. DO NOT spray if rain is likely within one hour or if foliage is wet from rain and dew. However, when tank mixed with glyphosate products, this time extends to 6 hours.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
Withholding Periods:	PASTURE, SORGHUM: NOT REQUIRED WHEN USED AS DIRECTED.
Trade Advice:	
General Instructions:	This section contains file attachment.
Resistance Warning:	<p>GROUP 4 HERBICIDE</p> <p>Conquest Maca 750 Herbicide is a member of the Pyridines group of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group 4 herbicide. Some naturally occurring weed biotypes resistant to the product and other disrupters of plant cell growth 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 this product or other disrupters of plant cell growth herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Conquest Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Conquest representative.</p>
Precautions:	<p>Re-Entry Period</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.</p>
Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>Conquest Maca 750 EC Herbicide is damaging to vines, vegetables, cotton, tomatoes, ornamentals and many other plants during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment.</p> <p>DO NOT allow spray drift onto susceptible crops, such as cotton, tomatoes, vines, fruit, potatoes, vegetables, ornamentals, tobacco, lupins, and other legumes, safflower, flowers, shade trees and Pinus spp.</p> <p>DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants, crops, cropping lands or pastures.</p> <p>PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>DO NOT contaminate streams, rivers, waterways, water used for irrigation, drinking or other domestic purposes with the chemical or used container.</p>
Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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.</p> <p>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</p>

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. Do not burn empty containers or product.

For Mini Bulk Returnable Containers (110L Only)

Store the original sealed 110L container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the MicroMatic valve or the security seal. DO NOT contaminate the container with water or any other foreign matter. After each use of the product ensure the MicroMatic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the 110L container have been used, please return the empty container to the point of purchase.

For refillable containers (1000L only)

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the nose and throat. Will irritate the eyes and skin.

Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin.

If applying by boomspray equipment: When opening the container, preparing product for use, and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles.

If applying by aerial spraying and air blast equipment:

When opening the container and preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves, face shield or goggles and half facepiece respirator.

When applying the product by air blast equipment: Wear cotton overalls over normal clothing buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves and half facepiece respirator.

If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles, respirator and if rubber wash with detergent and warm water, and contaminated clothing.

First Aid Instructions:

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre.

Phone Australia 13 11 26, New Zealand 0800 764 766.

First Aid Warnings:

DIRECTIONS FOR USE

Table 1: High Volume Spraying

SITUATION	COMMERCIAL AND INDUSTRIAL SITUATIONS RIGHTS-OF-WAY PASTURES and FORESTS		
WEEDS CONTROLLED	STATE	GENERAL RATE/100L WATER	CRITICAL COMMENTS
Blackberry	Qld, NSW, Vic, SA, WA only	136mL	Apply from late spring to early autumn when bushes are actively growing. Best results are achieved from applications made between January and April. One application may give satisfactory control, but subsequent re-growth and seedlings should be re-sprayed after hardening off. Do not use this product under extremely dry conditions as considerable re-growth may occur. Thorough coverage is essential; however, avoid excess spraying which is wasteful of chemical. Where herbicides other than Conquest Maca 750 EC Herbicide or Grazon DS have been used, allow two seasons re-growth to occur before re-spraying with Conquest Maca 750 EC Herbicide or Grazon DS.
	Tas only	136mL	Apply from petal fall to leaf fall except when bushes are carrying mature fruit. Application from mid-fruit stage to leaf fall may give improved control. Use the higher rate on large bushes when complete wetting is difficult.
Seeding Camphorlaurel (up to 3m tall), English Broom	All States	136mL	Thoroughly spray foliage when growth is active.
Green cestrum Brooms	Qld, NSW, Vic only		
Eucalyptus (seedlings and regrowth from small lignotubers), Banksia and Angophora	All states	320 or 448mL	Ensure plant has good coverage on foliage. Thoroughly spray foliage when growth is active. Apply the high rate in Vic, Tas, Southern NSW and where difficult to kill Eucalyptus species are present. NSW only: Apply to actively growing re-growth, which is less than 5 years old and under 3m tall.
Wattles (including Silver and Black Wattle), Groundsel Bush	All states	128 or 256mL	Thoroughly spray foliage when growth is active. Use the lower rate on young seedlings and the high rate on plants more than 2m tall. NSW only: For wattles apply to actively growing re-growth which is less than 5 years old and under 3m tall.
Brigalow	Qld, NSW only	136mL	Overall high-volume spray in 1000L of water/ha. See also Air Blast Spraying.
Gorse	All states	136 or 272mL	Apply from spring to mid summer. Use the high rate on older hard plants.
			Add a non-ionic wetting agent at a rate of 125mL/100L. DO NOT burn bushes for at least 6 months following treatment. Re-treatment of growth may be necessary.
Common Prickly Pear, Tiger Pear	All states	2.4L	Apply as a thorough foliar spray.
Common Prickly Pear, Tiger Pear, Smooth Tree Pear	All states	800mL per 75L diesel	Mix this rate with diesel only and apply as a thorough foliar spray.
St John's Wort	NSW, Vic, Tas only	136mL	Apply as a thorough foliar spray.
Fennel, African Boxthorn, Horehound Broom	Tas only	136mL	Apply as a thorough foliar spray.
Saffron Thistle (upto bud stage) Capeweed		64mL	Apply as a thorough foliar spray.

Table 2: AIR BLAST SPRAYING (MISTBLOWER)
DO NOT Spray within 1km of susceptible crops.

SITUATION	COMMERCIAL AND INDUSTRIAL SITUATIONS IN NON-URBAN AREAS RIGHTS-OF-WAY PASTURES and FORESTS		
WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Eucalyptus	All states	256 mL /10L of water	Apply during active growth to give full coverage of foliage and stems. NSW only: For Eucalyptus apply only to actively growing regrowth which is less than 5 years old and 3m tall.
Blackberry			
Brigalow	Qld, NSW only		

Table 3: Aerial Application
(Helicopter NSW, SA, Tas, Vic and WA only)
(Helicopter or fixed wing aircraft (Qld only)

SITUATION	COMMERCIAL AND INDUSTRIAL SITUATIONS IN NON-URBAN AREAS RIGHTS-OF-WAY PASTURES and FORESTS		
WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Blackberry	All states	3.8L in 100 to 200L of water/ha	Spray with properly calibrated helicopter using the half overlap opposite pass technique. Nozzle combination should not be less than DW45. Spraying in wind in excess of 10km/hr and temperature above 25°C is not recommended.

Table 4: Controlled Droplet Application (C.D.A.)

SITUATION	COMMERCIAL AND INDUSTRIAL SITUATIONS IN NON-URBAN AREAS RIGHTS-OF-WAY PASTURES and FORESTS		
WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Blackberry	All states	136mL / 1L of water	Results similar to high volume spraying can be obtained using Micron Herbi (1) or similar equipment. Select a nozzle and give a flow rate of 2mL/sec and pass speed approximately 1m/sec and ensure a droplet density of 20/cm ² . A marking agent should be used to check spray coverage. Consult directions provided with CDA equipment.

Table 5: Low Volume High Concentrate Application Techniques

SITUATION	COMMERCIAL AND INDUSTRIAL SITUATIONS IN NON-URBAN AREAS RIGHTS-OF-WAY PASTURES and FORESTS		
WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Blackberry	All states	800 mL / 35L of water	Good control will be achieved similar to high volume application where bush size enables good coverage of entire bush. Use of a marking agent is recommended to check spray coverage. NSW ONLY: For Eucalyptus apply only to actively growing regrowth which is less than 5 years old and 3m tall.
Eucalyptus seedlings		800 mL / 25L of water	

Table 6: Fallow, Stubble and Firebreaks situations

SITUATION	FALLOW, STUBBLE, FIREBREAKS		
WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Paddy Melon (<i>Cucumis myriocarpus</i>)	NSW, SA, Vic, WA, Qld only	64 or 128 mL + 0.5% v/v IN2 Adjuvant /ha (*)	Use the higher rate on plants greater than 20cm in diameter. Do not spray stressed plants. * Note: 0.5% v/v equals 500 mL IN2 paraffinic adjuvant per 100L of water.
Afghan, Bitter or Camel Melon (<i>Citrullus lanatus</i>)		96 or 128 mL + 0.5% v/v IN2/ha (*)	Do NOT use oils when tank mixing with glyphosate herbicide. The mixture is not selective to grasses. When aerial spraying Maca 750 and glyphosate, observance of buffer zone of 150 metre to protect native tree species is required.

Table 7: Basal Bark and Cut Stump Treatment

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.				
SITUATION	WEEDS CONTROLLED	STATE	RATE /60 L diesel	CRITICAL COMMENTS
Basal bark: Plants up to 5 cm basal diameter	African boxthorn	All States	1.6 L	
	Australian blackthorn		800 mL	
	Broom	Tas only	1L	
	Brown salwood	All States	400 mL	
Cut stump: Plants up to and in excess of basal bark sizes	Bitter bark	NSW and Qld only	800 mL	
	Castor oil Chinese apple	All States		
	Dawson gum	Qld only	1.6 L	
	Eucalypts (except Dawson gum) False sandalwood Green wattle Lantana Needlewood	All States	800 mL	
	Olive	SA only	1.6 L	
		NSW only	3.2 L	
	Plants up to and in excess of basal bark sizes	Paperbark teatree Rubbervine Silver wattle	All States	800 mL
Sweet briar		1.6 L		
Yellow-wood		Qld only		
Basal bark: Plants up to 10 cm basal diameter Cut stump Plants up to and in excess of basal bark sizes	Camphor laurel	NSW and Qld only	800 mL	
	Common prickly pear	All States	640 mL	Apply as a thorough foliage spray.
	Groundsel bush (<i>Baccharis halimifolia</i>)		400 mL	Treat from early summer rains to end of April when regrowth is apparent.
	Prickly acacia			
	Privet		4 L	Treatment may be carried out at any time of the year.
	Smooth tree pear Tiger pear		640 mL	Apply as a thorough foliage spray.
Tree of heaven	800 mL			
FENCELINES AND FIRE TRAILS only.				
SITUATION	WEED CONTROLLED	STATE	RATE /60 L diesel	CRITICAL COMMENTS
Basal bark: Plants up to 10 cm basal diameter	Broadleaf hopbush, Narrowleaf hopbush, Turpentine bush	NSW only	800 mL	

Table 8: SORGHUM

SITUATION	WEED CONTROLLED	STATE	RATE /ha	CRITICAL COMMENTS
SORGHUM (Apply between 4 to 6 leaf stage, when secondary roots have developed) and weeds up to 20 cm diameter	Prickly paddy melon	NSW and Qld only	64 mL	DO NOT add crop oils, as severe crop damage may occur. Fusing of sorghum prop roots may be observed and this may be worse under stress (e.g. root disease). Should only be mixed with Neon 200 Herbicide and atrazine (500 g/L flowable only) for increased weed spectrum.

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

General Instruction

FOR NATIVE VEGETATION: Use of Conquest Maca 750 on native vegetation must be done in accordance with STATE and/or LOCAL legislation.

APPLICATION

DO NOT use equipment carried on the back of the user.

DO NOT apply using handheld application methods.

- Mistblower : Eucalyptus, Blackberry, Brigalow only.
- Controlled Droplet Application (CDA) : Blackberry only.
- Boomsprayer: Paddy melon, Afghan, Bitter or Camel Melon only.

DO NOT spray if rain is likely within one hour or if foliage is wet from rain and dew. However, when tank mixed Conquest glyphosate herbicide, this time extends to 6 hours.

MIXING

Half fill the spray unit with water and add the required amount of Conquest Maca 750. Add the remaining water with the agitator running. If required, then add crop oils or wetters (surfactants). Maintain mechanical or by-pass agitation in the spray tank during spraying. Only mix sufficient solution for immediate daily use and avoid storing.

HIGH VOLUME SPRAYING

The product mixes readily with water. Pour the measured quantity into the partially filled spray tank and add the remainder of the water. Agitate thoroughly during filling, while spraying and before recommencing spraying after a stoppage.

FOR NSW ONLY:

WITH THE EXCEPTION OF REGROWTH LESS THAN 5 YEARS OLD AND UNDER 3 METRES TALL, THE CLEARING OF MORE THAN 5 HECTARES OF TREES BY AERIAL, GROUND OR SPOT-GUN APPLICATION IN NSW IS PROHIBITED UNLESS SPECIFICALLY AUTHORISED BY PERMIT. THIS RESTRICTION DOES NOT APPLY TO WOODY WEEDS.

Minimize spray drift from high volume application by using low pressure and nozzles, which do not give a fine droplet size.

Delay treatment until all regrowth has had time to emerge on bulldozed or ploughed areas. After use clean equipment several thoroughly and rinse several times prior to reuse. Discharge washing on non-crop, non-pasture lands away from water supply and homes. Keep container tightly closed.

Equipment that has been used for application of this chemical shouldn't be used for application of other materials to sensitive plants.

AERIAL APPLICATION

Human flagging is not authorised unless protected by engineering controls such as vehicles with cabs.

Boom Application

Application of Conquest Maca 750 in a minimum spray volume of 50 L/ha is recommended. Flat fan nozzles are recommended, using pressures in the range of 200-300 kPa. Boom height must be set to ensure double overlap of nozzle patterns.

Aerial Application

DO NOT allow Conquest Maca 750 to physically drift onto desirable plants.

Aircraft may be used to apply Conquest Maca 750 in fallow situations, when ground application equipment cannot be used due to prolonged wet conditions.

A minimum spray volume of 35 L/ha should be used with flat fan and CP nozzle configurations.

DO NOT apply Conquest Maca 750 by aircraft when wind exceeds 10 km/hr and/or air temperature reaches 30°C.

Droplets with an average size (or Volume Mean Diameter) of 250-to-350-micron diameter are recommended.

Human flagging is not authorised unless protected by engineering controls such as vehicles with cabs.

Basal Bark Application

Quarter fill the spray unit or mixing container with diesel and add the required amount of Conquest Maca 750. Add the remaining diesel and shake or agitate thoroughly to mix the contents. Periodically shake or agitate to stop product settling out. Only mix sufficient solution for immediate daily use and avoid storing.

The use of diesel as an herbicide carrier may affect the rubber seals in some sprayers. To avoid this, use sprayers, which use Viton® seals and fittings. When using Conquest Maca 750 with diesel, nitrile gloves should be worn instead of rubber gloves.

DO NOT apply to wet stems as this can repel the diesel mixture.

Apply only with hand-directed equipment such as a pressure sprayer or a paintbrush.

Apply equipment should be used at low pressures, up to 200 kPa, to avoid excessive splashing or drift.

Species with old, rough bark require more thorough wetting than smooth barked species.

Liberally spray or paint the bark around the stem from ground level up to 30 cm high, wetting thoroughly to the point of runoff (unless otherwise stated).

Cut Stump Method

Stems should be cut less than 15 cm above the ground.

Immediately apply Conquest Maca 750/diesel mixture **liberally** to the **freshly** cut stump by spray or painting the cut surface and sides of the stem.

CLEANING SPRAY EQUIPMENT

WATER-BASED CLEANING

Rinsing

After using Conquest Maca 750, empty the spray unit completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain the spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.

After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination

Before spraying cotton and other sensitive crops, with equipment that has been used to apply Conquest Maca 750, see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section.

Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (e.g. liquid SURF®, OMO®, DRIVE® at 500 mL/100 L of water or the powder equivalent at 500 g/100 L of water) and circulate throughout the system for at least 15 minutes.

Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

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

DIESEL-BASED CLEANING

Rinsing

After using Conquest Maca 750, empty the spray unit completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain the spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.

On completion of spraying, use a degreaser such as Caltex Kwik-D-Grease® to remove traces of diesel from the sprayer. Rinse tank and spray through the nozzles with water to remove degreaser.

Decontamination

After the above, quarter fill the tank with clean water and add an alkali detergent (e.g. liquid SURF®, OMO®, OMOMATIC®, DRIVE® at 50 mL/10 L of water or the powder equivalent at 50 g/10 L of water). Shake or operate spray to circulate the washing solution throughout the sprayer and spray the solution through the nozzle. Rinse well with clean water to remove detergent.

To clean brushes and container, spray liberally with degreaser. Hose off thoroughly with clean water and repeat using detergents (see above).

DO NOT use this equipment for any other purpose.

COMPATIBILITY

FALLOW SITUATIONS:

- Conquest Maca 750 is compatible with the following products:
 - Conquest Corsair Herbicide
 - Conquest Neon 200 Herbicide
 - Conquest Knockout 450 Herbicide
 - Conquest Knockout Extreme Herbicide
 - Conquest 2,4-D amine or 2,4-D ester Herbicides
 - Conquest Chlorpyrifos 500 EC Insecticide

SORGHUM:

Conquest Maca 750 is compatible with:

- Conquest Neon 200 Herbicide
- Flowable Atrazine Herbicide

- When mixing with Conquest Knockout 450 or Knockout Extreme in fallow situations, refer to label for use rate and adjuvant recommended.

PVC gloves are not recommended for Conquest Maca 750 Herbicide, therefore, when tank mixing with products that need to be handled with PVC gloves, workers should wear nitrile gloves.

MINIMUM RECROPPING PERIODS

Before using Conquest Maca 750 in tank mixes with other herbicides, check the plant-back information on all product labels. The time between spraying and planting will be determined by the product with the longest plant-back period.

Observe the following recropping periods for Conquest Maca 750:

- wheat, barley, sorghum, maize 7 days
- chickpeas, soybeans, sunflowers 7 days
- cotton 14 days