

DANGER
KEEP OUT OF REACH OF CHILDREN
COMBUSTIBLE LIQUID
ECOTOXIC



Leopard[®] 200 EC

Herbicide

GROUP **A** HERBICIDE

For the control of certain grass weeds in broadleaf crops as per directions for use table

READ THE ATTACHED LABEL COMPLETELY BEFORE MIXING OR APPLYING

Active Constituent:

200 g/L QUIZALOFOP-P-ETHYL in the form of an emulsifiable concentrate.
Also contains 737 g/L liquid hydrocarbons.

Adama New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS
5L, 10L, 20L
110L, 200L
1000L

ADAMA
ESSENTIALS

Read this label thoroughly before mixing or applying.

HAZARD CLASSIFICATIONS: 3.1D, 6.1E, 6.3B, 6.4A, 6.7B, 6.9B, 9.1B, 9.3C



TOXIC / IRRITANT



**ASPIRATION HAZARD
CHRONIC TOXIC**



ECOTOXIC

FLAMMABILITY

WARNING

Combustible liquid. Keep away from flames and hot surfaces. No smoking.

TOXICITY

DANGER

May be fatal if swallowed and enters airways.

May be harmful if swallowed.

May cause mild skin irritation.

May cause eye irritation.

Suspected of causing cancer.

May cause organ damage from repeated oral exposure at high doses. Do not breathe spray mist or vapours.

ECOTOXICITY

Toxic to aquatic life with long lasting effects. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container.

Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS:

Keep out of reach of children.

Do not eat, drink or smoke while using this product.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use appropriate protective equipment as required.

Equipment

Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS 8409).

Storage

Store locked up in the tightly closed original container in a cool, dry, well-ventilated place, out of direct sunlight and away from stockfeed or foodstuffs.

As a Class 9 Substance with Ecotoxicity Classifications storage of Leopard 200 EC Herbicide must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS 8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations. Segregate from incompatible substances. See Safety Data Sheet for further information.

In case of fire: Use carbon dioxide, dry chemical, foam or water fog for extinction.

Transport

Do not transport packages of this substance greater than 1 litre on passenger service vehicles.

Protective Clothing

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious elbow-length PVC, nitrile or rubber gloves and eye/face protection.

Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

Spillage

Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert absorbent material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste container. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of waste safely in a suitable landfill.

Disposal

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery[®] depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label or through the Agrecovery[®].

FIRST AID

If medical advice is needed, have product container or label at hand.

If you feel unwell or are exposed or concerned, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

IF SWALLOWED: DO NOT induce vomiting. **Immediately call a POISON CENTER** or doctor. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs, get medical advice/attention.

IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

SAFETY DATA SHEET

A Safety Data Sheet for this product is available from Adama New Zealand Limited on request. Call 03 543 8275.

BEWARE

Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

GENERAL INSTRUCTIONS

LEOPARD 200 EC Herbicide will not control broadleaf weeds, nor will it control soft brome or annual poa. For optimum results apply during good growth conditions and when there is adequate soil moisture. Apply to annual grasses as seedlings and perennial grasses at the 4-5 leaf stage. Application during prolonged dry periods or cold conditions may reduce effectiveness. Always add a surfactant.

LEOPARD 200 EC Herbicide moves rapidly throughout all parts of the plant. Growth ceases almost immediately, but symptoms of effect are slow to appear, with death taking up to 3-4 weeks to complete.

LEOPARD 200 EC Herbicide has a short residual life in the soil to control grass weeds germinating in the 2-3 week period following treatment.

DO NOT plant cereals or grasses within 8 weeks following treatment.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.

RESTRICTIONS ON USE

Leopard 200 EC Herbicide must not be applied onto or into water.

DIRECTIONS FOR USE

DO NOT apply if rain is likely to fall within 1 hour following treatment. LEOPARD 200 EC Herbicide is rainfast after 1 hour.

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Asparagus, beans, cucurbits, lentils, lettuce, lucerne, lupins, peas, potatoes, tomatoes	Annual and perennial grasses	125–500 mL/ha	Use at the rate recommended for the stage of development of the grass weeds encountered as shown in the Weeds Controlled table. Add a wetting agent.
Radiata pine plantations	Pampas grass	2.5 L/ha	For best results treat plants that are less than 1 m high. May be applied pre or post planting. Add a crop oil at 1 L/100 L of spray mix.
White clover seed crops	Couch Ryegrasses Wild Oats Volunteer cereals	200–500 mL/ha	Use at the rate recommended for the stage of development of the grass weeds encountered. Use the higher rate where perennial ryegrass or couch are present. Apply in mid-October after closing off. Allow grass to freshen to 5-7 cm after removing stock and before treatment. Add a wetting agent.

WEEDS CONTROLLED

SPECIES	DOSE RATE/ha			CRITICAL COMMENTS
	Seedling (up to 4 leaves)	Vegetative	Mature (seed head)	
Barnyard grass	250 mL	375 mL	-	Always add a non-ionic wetting agent at label rates.
Bristle grass				
Couch (twitch)	500 mL	500 mL		
Crowfoot grass	250 mL	250 mL	250 mL	
Indian doab	375 mL	500 mL	750 mL	
Onion twitch	500 mL			
Pampas grass	2.5 L plus 1% crop oil	2.5 L plus 1% crop oil	-	
Prairie grass	300 mL	300 mL	500 mL	
Ryegrasses	450 mL	450 mL		
Smooth witchgrass	125 mL	250 mL	-	
Summer grass				
Volunteer cereals	250 mL			
Wild oats	200 mL	200 mL		

WITHHOLDING PERIOD

DO NOT harvest asparagus within 48 hours following application.

APPLICATION

Boom spraying Use 200-400 litres of water/ha. Use the higher rate for tall or dense grass weed infestations.

Handgun Use 50-100 mL/100 litres

Knapsack Use 15-30 mL/15 litres

Spot gun Use 5-10 mL/litre

These water rates assume 1,000-1,500 litres/ha for handgun, 500 litres/ha for knapsack and 100-200 litres/ha for spotgun.

COMPATIBILITY

DO NOT use in a tank mixture with any other herbicide. Allow at least 7 days between applying LEOPARD 200 EC Herbicide and any other herbicide.

RESISTANCE MANAGEMENT

GROUP	A	HERBICIDE
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LEOPARD 200 EC Herbicide contains the GROUP A "Fop" (aryloxyphenoxypropionate) herbicide, Quizalofop-p-ethyl. Some naturally occurring weed biotypes resistant to LEOPARD 200 EC Herbicide and other Group A 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 LEOPARD 200 EC Herbicide or other GROUP A herbicides. To delay the onset of or control resistant weeds, use in rotation with herbicides of a different mode of action. Since the occurrence of resistant weeds is difficult to detect prior to use, Adama New Zealand Limited accepts no liability for any losses that may result from failure of LEOPARD 200 EC Herbicide to control resistant weeds.

CONDITIONS OF SALE

Adama New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of Adama New Zealand Limited is limited to the replacement of the goods or (at the option of Adama New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Adama New Zealand Limited within thirty days of delivery.



Registered to:
Adama New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
New Zealand
www.adama.com

Registered pursuant to the ACVM Act 1997, No. P9137
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval No. HSR101045
See www.epa.govt.nz for registration conditions.

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EMERGENCY RESPONSE

(All hours)
Ring from anywhere in New Zealand
0800 764 766

Batch Number:

**In a Transport
Emergency
Phone 111
Police or Fire**

Bar code to be inserted

Date of manufacture: