

WARNING
KEEP OUT OF REACH OF CHILDREN



ADAMA

ACIERTO®

GROUP	15	HERBICIDE
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For selective pre-emergence weed control of annual grasses and many broadleaf weeds in grain and silage maize and sweetcorn

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 900 g/L ACETOCHLOR in the form of an emulsifiable concentrate

UN No:	3082
Class-primary	9
Packing group	III
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Acetochlor)
Marine pollutant:	YES
Batch number:	NET CONTENTS: 1 - 1000 L
Date of Manufacture:	
Barcode to be inserted	



[Signature]

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**WARNING**

Combustible liquid. Harmful if swallowed or inhaled. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Very toxic to the aquatic environment with long lasting effects. Very toxic to the soil environment. Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS

Keep out of reach of children. Read label carefully and follow all instructions. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Do not breathe spray mist of vapours. Use only outdoors or in a well-ventilated area. Use personal protective equipment as specified in the personal protection section of this label. Wash any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid unintended release into the environment. Collect spillages.

PCBU RESPONSIBILITIES

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

QUALIFICATIONS REQUIRED FOR APPLICATION OF ECOTOXIC SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. *Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) Notice 2017 for a list of suitable qualifications.*

RECORD KEEPING

Where 3 kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept of each application of the substance. *Refer to Part 4 Clause 48 of the Hazardous Substances (Hazardous Property Controls) Notice 2017 for details of information that must be recorded.*

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100 L of ACIERTO require secondary containment and signage, and more than 100 L require emergency response plans.

SHELF LIFE

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious, elbow-length gloves, eye protection and respiratory protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb liquid spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved 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®



Chemical Recovery service or other approved facility.

Do not burn product or container.

SAFETY DATA SHEET

A safety data sheet for this product is available at www.adama.com.

FIRST AID

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

For advice, or if you feel unwell, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, or you feel unwell, get medical attention. Wash contaminated clothing before reuse.

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

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

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.



ADAMA

Registered to and distributed by:

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Registered pursuant to the ACVM Act 1997, No. P008861

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR101427

See www.epa.govt.nz for approval controls

Acierto is a registered trademark of an ADAMA Group Company.



EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand

0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire



PRODUCT INFORMATION

ACIERTO is a selective pre-emergence herbicide for the control of annual grasses and many broadleaf weeds in maize and sweetcorn. ACIERTO is absorbed by the shoots and roots of weeds and kills them as they germinate.

WEEDS CONTROLLED

<ul style="list-style-type: none"> • Annual poa • Black nightshade • Broadleaf dock • Green bristle grass • Rough bristle grass • Seedling Dock • Shepherd's purse • Summer grass • Twin cress 	<ul style="list-style-type: none"> • Barnyard grass • Bristle grass • Chickweed • Redroot • Scotch thistle • Seedling Johnson grass • Smooth witchgrass • Stinking mayweed
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ACIERTO will suppress cornbind, fathen, field pansy, fumitory, spurrey, wild radish, willow weed and wireweed. Perennial weeds are not controlled by ACIERTO.

DIRECTIONS FOR USE

EPA Controls

- Do not apply this substance directly into or onto water;
- The maximum application rate of this substance is 2.8 L/ha (corresponding to 2.52 kg acetochlor/ha), with maximum of one application per year;
- This substance must be applied using ground-based methods only;
- DO NOT apply when wind speeds are less than 3 km/hr or more than 20 km/hr as measured at the application site;
- WARNING, exposure to Acierto may injure or kill susceptible agricultural crops and native vegetation. Care should be taken avoid spray to neighbouring vegetation, it is recommended to conduct a site specific risk assessment that considers the potential movement of spray drift downwind to sensitive areas. This includes assessment of the weather conditions, application equipment, topography and species of plants downwind: and
- To reduce runoff from treated areas into aquatic environments, avoid application of Acierto when heavy rainfall is forecast at sites with moderate to steep slope, poorly drained soils, low clay content or organic matter, or other conditions conducive to runoff.

Apply 2.3–2.8 L/ha immediately after sowing and prior to crop and weed emergence. Use the higher rate on soils high in clay or organic matter content. For best results, apply ACIERTO within 7 days of last cultivation. The soil surface should be firm and free of trash and clods.

Under very dry conditions a pre-plant soil incorporated application may be beneficial.

Paddocks that have high fathen and willow weed populations may require a follow-up treatment of CUTLASS® HERBICIDE, ATRANEX® FLOW or ATRANEX WG HERBICIDE.

WITHOLDING PERIODS: Not required when used as directed.

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



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MIXING

Ensure spray equipment is thoroughly cleaned before use. Add the required amount of ACIERTO to a partly filled spray tank with the agitation system operating. Add the remaining water and any tank-mixture partners. Maintain agitation until spraying is complete. Flush equipment with clean water after use.

Do not allow spray mixture to stand overnight. Apply in at least 200 L of water per hectare. When ACIERTO is used on raw peat, it is recommended that the soil is cultivated prior to establishing pasture following harvest of crop.

APPLICATION

Best results will be obtained when application is made to a freshly prepared, fine, moist soil, free of trash, with at least 10 mm of rain within 1 week of application. Under drier soil conditions, 30 mm of rain within 2–3 weeks is necessary. Application by pre-plant incorporation may be beneficial under very dry conditions.

COMPATIBILITY

ACIERTO is compatible with ATRANEX FLOW and ATRANEX WG HERBICIDE.

RE-ENTRY PERIOD

Do not re-enter the treated area until the spray has dried completely.

SOIL RESIDUES

Under normal use, soil residues should not carry over to successive crops. In a replant situation when the previous ACIERTO treated crop may have failed for whatever reason, contact your ADAMA representative or merchant for advice before replanting. If establishing pasture in peat soils, cultivate soil before sowing if ACIERTO has been applied to the previous crop.

RESISTANCE MANAGEMENT

ACIERTO contains the **GROUP 15** Chloroacetamide herbicide, acetochlor. Do not use another product containing a herbicide in the same group in conjunction with ACIERTO. Where possible, herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up.

Acierto, Atranex and Cutlass are registered trademarks of an ADAMA Group Company.



A handwritten signature in blue ink, appearing to be 'Mark Brimbleby', written over the bottom portion of the red stamp.