

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**



**ADAMA**

**ARGOSY®**

GROUP	<b>6 + 12</b>	HERBICIDE
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**Selective weedkiller for the control of field pansy and other broad-leaved weeds in ryegrass and white clover seed crops**

**READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

**Active Ingredients:**

25 g/L DIFLUFENICAN and 250 g/L BROMOXYNIL as the octanoate ester 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. (Diflufenican + Bromoxynil)
Marine pollutant:	YES

Batch number:  
Date of Manufacture:  
**Barcode to be inserted**

NET CONTENTS: 1 – 200 L



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

Combustible liquid. Harmful if swallowed or inhaled. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment. Toxic to terrestrial vertebrates.

**HANDLING PRECAUTIONS**

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid breathing spray mist or vapours. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Use personal protective equipment as specified in the personal protection section of this label. Wash hands and any exposed skin thoroughly after handling. Contaminated clothing should not be allowed out of the workplace. Avoid unintended release into the environment. Collect any 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.

**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.

**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.

**STORAGE**

Store locked up in the original, unopened container in a cool, well-ventilated place out of direct sunlight and away from stockfeed or foodstuffs. In case of fire use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction. There are requirements when storing this product in a workplace, relating to labelling, safety data sheets, stationary container systems, separation distances, secondary containment, emergency response plans, and signage; and in a place other than a workplace, relating to stationary container systems, separation distances, emergency response plans, secondary containment, and signage. Secondary containment and emergency response plans are required where greater than 100 L of this product are stored. Refer to the product SDS for further information.

**TRANSPORT**

Do not carry packs greater than 1L on passenger service vehicles.

**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 spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area thoroughly and 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, burn in an appropriate incinerator if circumstances such as wind direction permit, or 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](http://www.adama.com).

### FIRST AID

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

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

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **Immediately** call a POISON CENTRE or doctor.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take contaminated clothing off and wash 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

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ARGOSY 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

ARGOSY is a selective early post emergence weedkiller with short residual activity recommended for the control of field pansy and a wide range of seedling broadleaf weeds in ryegrass and white clover seed crops.

Best results will be obtained if applications are made to actively-growing crops before weeds reach the maximum growth stages specified in the “weeds controlled” table. Autumn applications are generally more effective than winter applications.

When applying ARGOSY, care should be taken to minimise the overlapping of spray swaths or overdosing when starting, slowing or stopping the sprayer, since crop damage may occur. Under cool wet conditions, some slight crop yellowing or scorching may occur in ryegrass crops but this is a temporary condition only and will not affect subsequent crop growth or yield.

In white clover crops some temporary crop scorch may occur. Effects are more noticeable if applications are made in warm weather, on large-leaved winter-active cultivars, or on weak plants growing in very weedy situations. Recovery is usually rapid, and subsequent growth and yield are not affected.

Do not spray under drought conditions, if severe frosts are expected, or if rainfall is expected within 6 hours.

Weeds growing under moisture stress will be less susceptible to treatment. Frosty or cold conditions will slow down and reduce activity on species such as mayweeds, mouse-eared chickweed and field madder.

## WEEDS CONTROLLED

WEEDS	ARGOSY 1 L/ha	ARGOSY 1.5 L/ha
Catchfly	up to 4 leaves	up to 6 leaves
Chickweed	up to 4 leaves	up to 6 leaves
Cornbind	up to 1 leaf	up to 2 leaves
Field Pansy	up to 6 leaves	up to 8 leaves
Groundsel	up to 2 leaves	up to 4 leaves
Hawksbeard*	up to 2 leaves	up to 6 leaves
Hedge Mustard*	up to 2 leaves	up to 6 leaves
Henbit	up to 4 leaves	up to 6 leaves
Mouse-ear Chickweed*	-	up to 2 leaves
Nipplewort*	-	up to 4 leaves
Parsley Piert	up to 2 leaves	up to 4 leaves
Rayless Chamomile*	up to 2 leaves	up to 4 leaves
Shepherds Purse	up to 6 leaves	up to 10 leaves
Sow Thistle	up to 4 leaves	up to 6 leaves
Speedwells*	up to 4 leaves	up to 6 leaves
Spurrey	up to 2 whorls	up to 4 whorls
Staggerweed*	up to 4 leaves	up to 6 leaves
Wireweed	up to 2 leaves	up to 8 leaves

Cleavers\*, field madder\*, fumitory\*, scentless chamomile\* and stinking mayweed\* will be suppressed by ARGOSY at 1.5 L/ha if treated at early growth stages. **NB:** Certain weeds may be less well-controlled in clover than in grass crops due to the lack of crop competition.

\* reduced level of control if treated during winter



*[Signature]*  
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**DIRECTIONS FOR USE**

**TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.**

**EPA Controls**

- Do not apply onto or into water.

CROP	RATE	CRITICAL COMMENTS
<b>Ryegrass seed crops</b>	1–1.5 L/ha	Apply after the grass has reached the 2 leaf stage and before weeds reach the maximum growth stages specified in the table below. Use the higher rate on slower growing turf ryegrasses, for certain weeds and for advanced growth stages of all weeds.
<b>White clover seed crops</b>	1.5 L/ha	Apply in late Autumn once clover has developed at least four trifoliolate leaves. Weak plants and soft growing cultivars may show temporary damage, but subsequent growth will be unaffected. Treatment in Winter may result in less effective control of some species (see Table).

**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.**

**WITHHOLDING PERIOD: 6 Weeks**

**MIXING**

Add the required amount of ARGOSY to clean water in the spray tank. Refer to [www.adama.com](http://www.adama.com) for correct mixing order for all chemicals in the tank. Ensure thorough mixing before spraying.

**APPLICATION**

Apply through any standard crop sprayer capable of giving uniform coverage at a spray volume of at least 200 L/ha. Increase the water rate as weeds and crop increase in size. Because of the part contact action of the product good uniform spray coverage of target weeds is essential. Use spray pressures of at least 200 kPa and select conventional flat fan nozzles capable of producing fine spray droplets. Take advice before using other nozzle types. CDA or aerial application is not recommended.

**COMPATIBILITY**

ARGOSY is physically compatible with Tropotox<sup>®</sup> Plus and a number of other herbicides, but tank-mixing is not advised unless experience has shown it to be safe. Control of some weed species may be reduced if ARGOSY is applied following an application of Spinnaker<sup>®</sup>. Seek advice on the sequential use of these products.

**RAINFALL**

Do not apply if rainfall is expected within 6 hours of application.

**RESISTANCE MANAGEMENT**

ARGOSY contains the GROUP 6 nitrile herbicide bromoxynil and the GROUP 12 pyridinecarboxamide herbicide diflufenican. Use strictly in accordance with label directions. Naturally occurring weed biotypes resistant to these herbicides can become more prevalent after many years of continuous use. To delay the onset of, or control resistant weeds, use in rotation with herbicides of different mode of action. Since the occurrence of resistant weeds is difficult to detect prior to use Adama New Zealand Ltd accepts no liability for losses that may result from the failure of this product to control resistant weeds. For current advice on resistance management contact your agronomist, Adama representative or specialist advisor.

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