

Product Name: Sipcam Aggressor AX Herbicide
Application No: 92827/136817



Label Name:	Sipcam Aggressor AX Herbicide
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENTS: 185g/L QUIZALOFOP-P-ETHYL, 20 g/L CLOQUINTOCET-MEXYL SOLVENT: 742 g/L LIQUID HYDROCARBON
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Mode of Action:	GROUP 1 HERBICIDE
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Statement of Claims:	For the early post-emergent control of certain grass weeds in Aggressor tolerant barley varieties only, as per Directions for Use table.
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Net Contents:	5L - 110L
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Restraints:	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
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	<p>GRAZING DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION</p>
Trade Advice:	<p>EXPORT OF TREATED PRODUCE Growers should note that MRL or Import Tolerances do not exist in all markets for Aggressor tolerant barley treated with quizalofop-p-ethyl and cloquintocet-mexyl. If you are growing produce for export, please check with Sipcam Pacific Australia Pty Ltd for the latest information on MRLs and Import Tolerances before using this product.</p>
General Instructions:	<p>This section contains file attachment.</p>
Resistance Warning:	<p>Resistant Weeds Warning GROUP 1 HERBICIDE Sipcam Aggressor AX Herbicide is a member of the “Fop” (aryloxyphenoxy propionate) group of herbicides. Sipcam Aggressor AX Herbicide has the inhibitor of acetyl CoA carboxylase mode of action. For weed resistance management Sipcam Aggressor AX Herbicide is a Group 1 Herbicide. Some naturally occurring weed biotypes resistant to Sipcam Aggressor AX Herbicide and other Group 1 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 Sipcam Aggressor AX Herbicide or other Group 1 Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcam Pacific Australia Pty Ltd accepts no liability for any losses that may result from failure of Sipcam Aggressor AX Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available from CropLife https://www.croplife.org.au/resources/programs/resistance-management or consult your farm chemical supplier, consultant, or Sipcam Representative for more information.</p>
Precautions:	<p>RE-ENTRY DO NOT enter treated areas until spray has dried. If prior entry is necessary wear 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 CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT plant non Aggressor tolerant cereal crops into the treated area for a period of 18 weeks after application. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping land or pastures.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate wetlands or watercourses with this product or used containers.</p>
Storage and Disposal:	<p>STORAGE AND DISPOSAL 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 the 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</p>

	<p>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>Refillable containers: 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:	<p>Will irritate the eyes. May irritate nose and throat and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour. If product in eyes, wash it out immediately with water. When using together with other product, consult their label safety directions. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves, face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each days use, wash gloves, face shield or goggles and contaminated clothing.</p>
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed do NOT induce vomiting. If in eyes wash out immediately with water.</p>
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First Aid Warnings:	
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GENERAL INSTRUCTIONS

Sipcam Aggressor AX Herbicide is a selective post emergence herbicide for the control of certain grass weeds in **Aggressor** tolerant barley varieties. These varieties have been bred specifically to be tolerant to Sipcam Aggressor AX Herbicide. DO NOT apply to weeds that are stressed by any cause (such as weather conditions, drought, waterlogging) or not actively growing. Grass weeds under stress frequently become less susceptible to herbicide activity. This may result in an incomplete kill or suppression of weeds only.

Crop Safety

Sipcam Aggressor AX Herbicide may be applied from the 2-leaf stage of the crop and up to late tillering (before jointing is evident). Do not apply after the first node/jointing stage of the crop. In some circumstances there may be transient crop yellowing and temporary slowing of growth, but the crop soon recovers, and yield is unaffected. This effect may be more pronounced when the product is used under poor growing conditions. To minimise crop effects, spray overlap, and double spraying of corners should be avoided.

Aggressor Stewardship Plan

Sipcam Aggressor AX Herbicide is a Group 1 Herbicide. Resistance to Group 1 Herbicides is common in Australia, so extra care is needed to prolong the useful life of Sipcam Aggressor AX Herbicide and **Aggressor** tolerant barley varieties. For this Sipcam have prepared the **Aggressor Stewardship Plan**, which includes guidance on resistance management, strategies for crop rotation, the control of un-wanted **Aggressor tolerant** barley volunteers in following crops and on fallows. The **Aggressor Stewardship Plan** can be accessed via our website at www.sipcam.com.au

APPLICATION

Ground Spraying

Apply in minimum 70L water per hectare with droplets not smaller than a **medium** spray droplet size category. When the crop is very leafy or when the total weed population exceeds 200 plants/square metre, apply in a minimum of 100L/ha to improve coverage and control. Always add a Surfactant/Wetting Agent at the recommended rate.

Spray Preparation

If spray equipment has been previously used for the application of sulfonylurea herbicides eg metsulfuron methyl, chlorsulfuron, triasulfuron, ensure that the recommended sprayer equipment procedure for the product previously applied has been followed, before using the equipment for the application of Sipcam Aggressor AX Herbicide.

Add the required amount of Sipcam Aggressor AX Herbicide directly to the spray tank and mix well. Do not allow the spray mix to remain overnight.

Time of Application

For maximum benefit, weeds should be sprayed when young and actively growing. Aggressor AX may be applied to **Aggressor** tolerant barley crop between the 2-leaf and late tillering stage. Do not apply after first node stage of the crop.

Compatibility

Sipcam Aggressor AX Herbicide is compatible with the herbicides Volley (dicamba), Aspect Options (diflufenican), Sipcam LVE MCPA 570 Herbicide (MCPA 2-ethyl hexyl ester) and Sipcam LV Ester Herbicide 680 (2,4-D 2-ethyl hexyl ester) Tigrex (diflufenican + MCPA 2EH), the insecticide Rover (dimethoate) and the fungicides Protek (prothioconazole) and Laguna (tebuconazole).

DO NOT add crop oil to tank mixtures of Aggressor AX + Aspect Options (diflufenican), use only a non-ionic wetting agent. This tank-mix may result in temporary crop effects, which usually appear as yellow or white bleaching on the leaves. New growth and subsequent yield however will not be affected.

Do not tank-mix Sipcam Aggressor AX Herbicide with amine salt formulations of 2,4-D or MCPA as they are very antagonistic with Sipcam Aggressor AX Herbicide and will severely reduce the control of grassy weeds.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Use of a Surfactant/Wetting Agent

Always add a Surfactant/Wetting Agent at the recommended rate. Sipcam Aggressor AX Herbicide may be used with either of the following adjuvant system-

1. A methylated and/or ethylated seed crop oil (eg Hasten#) at 1L/100L of final spray volume (i.e. 1% v/v).
2. A non-ionic surfactant (1000 gai/L strength) at 100 mL/100L (i.e. 0.1% v/v) plus a mineral spray oil at 1 L/100 L of final spray volume (i.e. 1% v/v).
3. A non-ionic surfactant (1000 gai/L strength) at 200 mL/100L of final spray volume (i.e. 0.2% v/v).

Sprayer clean-up

Thoroughly clean all traces of Sipcam Aggressor B Herbicide from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean those parts separately). Failure to thoroughly clean the equipment may result in injury to subsequently sprayed cereal and grass crops.

RESTRAINTS:

DO NOT apply to conventional barley varieties or imidazolinone herbicide tolerant barley varieties such as Clearfield.

DO NOT apply more than once per season.

DO NOT apply to crops and weeds that are stressed by any cause (eg severe cold, disease, drought or waterlogging).

DO NOT apply if rainfall is expected within 3 hours.

DO NOT apply after the first node/jointing stage of the crop.

SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section of the label can be found at 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 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

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

Spray droplets not smaller than a medium spray droplet size category.

Directions for Use

Crop	Weeds Controlled	Weed stage	Crop stage	Rate/ha	Critical Comments
Aggressor tolerant varieties of barley only. Refer to the crop safety section of the label below	Annual ryegrass (<i>Lolium rigidum</i>) Brome grass (<i>Bromus spp</i>)	3 leaf to early tillering	2-leaf to late tillering (before jointing is evident)	200 mL*	Apply when weeds are actively growing.
	Barley grass (<i>Hordeum spp</i>) Volunteer wheat and barley (non Aggressor tolerant only) Wild oats (<i>Avena spp</i>)			100 mL*	

* Always add a Surfactant/Wetting Agent at the recommended rate.

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