

Product Name: SIRION HERBICIDE
APVMA Approval No: 56744/RV22



Signal Heading:	DANGEROUS POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Product Name:	Sirion herbicide
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Constituent Statement:	ACTIVE CONSTITUENT: 960 g/L MOLINATE
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Mode of Action:	GROUP J HERBICIDE
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Statement of Claims:	Post emergence control of grass weeds in rice in permanent water
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Net Contents:	[INSERT HERE] [refillable containers only]
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Directions For Use:	See directions for use section below. This can be uploaded as a separate section when submitting a label application
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Withholding Period:	NOT REQUIRED WHEN USED AS DIRECTED
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General Instructions:	For aerial application by SCWIIRT (Soluble Chemical Water Injection In Rice Technique) by helicopter or Bickley boom by fixed wing aircraft only
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Resistance Warning:	<p>Sirion herbicide is a member of the thiocarbamates group of herbicides. Sirion herbicide has the inhibitor of fat synthesis mode of action. For weed resistance management Sirion herbicide is a Group J herbicide.</p> <p>Some naturally occurring weed biotypes resistant to Sirion herbicide and other Group J 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 Sirion herbicide or other Group J 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 the failure of Sirion herbicide to control resistant weeds.</p>
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Precautions:	DO NOT use if pregnant
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Re-entry period:	DO NOT allow entry to treated area for 24 hours.
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Protection Statements:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>DO NOT contaminate streams, rivers or watercourses with the chemical or used containers</p>
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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. Store in a locked room away from children, animals, food, feedstuffs, seed and fertilisers.</p> <p>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>Harmful if inhaled or swallowed. May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. DO NOT inhale vapour or spray mist. When mixing and loading for aerial spraying equipment wear cotton overalls buttoned to the neck and wrist and a washable hat, PVC or rubber apron, elbow-length PVC gloves and water resistant footwear.</p> <p>If applying by aerial spraying equipment, wear cotton overalls, buttoned to the neck and wrist (or equivalent clothing), and water resistant footwear.</p> <p>After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.</p>
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First Aid:	<p>If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.</p>
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Batch Number:	[INSERT HERE]
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Material Safety Data Sheet:	Additional information can be obtained from the material safety data sheet which can be obtained from the supplier.
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DIRECTIONS FOR USE

RESTRAINTS

Under very cold conditions DO NOT apply to permanent water too early as crop may be drowned. A proportion of the first leaf must show above the water.

DO NOT apply by ground-based methods

DO NOT use open mixing and loading systems (use closed mixing and loading only).

A single operator MUST NOT be involved in BOTH mixing/loading AND application in the same day.

A single operator involved in mixing/loading of the product MUST NOT handle more than 1400 L neat product per day.

A single operator (pilot) MUST NOT apply more than 1900 L of neat product per day (equivalent to spraying an area of no more than 500 hectares per day at the maximum rate of 3.75 L/ha or no more than 750 hectares per day at the minimum rate of 2.5 L/ha).

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 one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by helicopter unless the following additional requirements are met:

apply only by SCWIIRT (Soluble Chemical Water Injection In Rice Technique)

the release height is not greater than 2 metres above the ground

the flying speed is not greater than 50 knots (92 km/hr)

minimum distances between the application site and downwind sensitive areas that appear in the 'Mandatory downwind buffer zones' section of the table below are observed.

Buffer zones for Helicopter using SCWIIRT				
Application rate	Mandatory downwind buffer zones			
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas
2.5L in minimum 10L/ha water	10 metres	10 metres	0 metres	0 metres
3.75L in minimum 10L/ha water	15 metres	10 metres	0 metres	5 metres

DO NOT apply by fixed wing aircraft unless the following additional requirements are met:

apply only by Bickley boom

the release height is not greater than 3m or 25% of wingspan above the ground whichever is the greatest

minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for fixed-wing aircraft using Bickley boom) are observed.

Buffer zones for fixed-wing aircraft using Bickley boom				
Application rate	Mandatory downwind buffer zones			
	Bystander areas	Natural aquatic environments	Pollinator areas	Vegetation areas
2.5L in minimum 10L/ha water	150 metres	85 metres	0 metres	30 metres
3.75L in minimum 10L/ha water	200 metres	110 metres	0 metres	45 metres

Directions for use				
CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Rice – Permanent water Combine sown, sod sown and aerial sown rice	Barnyard Grasses (<i>Echinochloa</i> spp.) Silver top grass (<i>Diplachne fusca</i>)	NSW only	3.75L in minimum 10L/ha water	Apply when Barnyard grass is in the 1-4 leaf stage and Silver top is up to the two leaf stage. Weeds are usually 5-10cm high. NO MORE than one-third plant bulk should be above water at spraying, nor should more than one-third of the bay be covered by these plants. DO NOT allow movement of water through bays for 2 hours before spraying. ALLOW ONLY MINIMUM water movement through bays for 3 days after application. After this time normal water coverage should be maintained. DO NOT use if excess rice and weed vegetation will impede re-distribution of [the product] in water resulting in inadequate control.
	Barnyard Grasses (<i>Echinochloa</i> spp.) 0-2 leaf stage	NSW only	2.5L in minimum 10L/ha water	Coverage of the rice field with permanent water must be maintained after spraying. Water movement to and through bays should cease 2 hours before application. Minimum water movement should be maintained for 3 days after application. After this time normal water coverage should be maintained.

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