

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

OVATION™ 500
SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 500g/L DICLOFOP-METHYL
SOLVENTS: 393g/L HYDROCARBON LIQUID
80 g/L N-METHYL PYRROLIDONE

Group	A	Herbicide
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For the Post-emergent Control of Annual Ryegrass and Wild Oats in Wheat, Barley, Triticale and Cereal Rye as listed in the Directions for Use table.

CONTENTS: 20, 100 LITRES

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DIRECTIONS FOR USE

Restrictions: Do NOT apply if rainfall is expected within 2 hours.
 Do NOT spray when temperatures are higher than 25°C.
 Do NOT apply to weeds or crop under stress due to, for e.g., very dry, very wet, nutrient deficient, frost or diseased conditions.

CROP	WEED	WEED STAGE	RATE L/ha	CRITICAL COMMENTS
Wheat, barley, triticale, cereal rye	Annual (Wimmera) ryegrass	2 to 4 leaf (Z12 to Z14)	0.75	Apply generally 3 to 6 weeks after sowing, when cereals usually 2 to 5 leaves (Z12 to Z21). For barley , apply only when crop is 4 to 5 leaf stage. For all crops add wetting agent at 0.25% active ingredient to water in spray tank - eg. 250ml BS 1000*/100L water. This is irrespective of volume of water/ha or rate of Ovation 500.
		2 to 3 leaf (Z12 to Z13)	1.1	For barley , apply only when crop is 4 to 5 leaf stage. Avoid double spraying (overlap) at the maximum rate of 1.1L/ha. In crops other than barley, use 1.5 L rate if most weeds 3 to 4 leaf and if spraying 4 to 6 weeks after sowing, especially in northern NSW and Qld. For all crops add wetting agent as above.
	3 to 4 leaf (Z13 to Z14)	1.5 (not barley)	Use 1.1 L rate only if growing conditions are very favourable and weeds are 2 to 3 leaf, 3 to 4 weeks after sowing, and cereals usually 2 to 3 leaf (Z12 to Z13).	

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

WITHHOLDING PERIOD

Harvest (All crops) – WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED

Grazing (All crops) - DO NOT GRAZE OR CUT FOR STOCKFEED FOR 7 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Results are best under good growing conditions, when the crops and weeds are actively growing. Application to weeds or crop under stress (eg. due to continuous severe frosts, dry, waterlogged, nutrient deficient or diseased conditions) should be avoided.

Wild oats germinating after application will often be stunted and will not seriously compete with the crop. Application to crops with a covering of frost or dew has been successful but should be avoided in general.

If spraying cannot be completed, spray mixtures of Ovation 500 in clean water may be left overnight without loss of efficacy. The mixture should be well agitated before spraying re-commences. It is not recommended that this be general practice.

RESISTANT WEEDS WARNING

GROUP	A	HERBICIDE
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Ovation 500 Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. Ovation 500 is an inhibitor of acetyl coA carboxylase. For weed resistance management Ovation 500 is a Group A herbicide. Some naturally-occurring weed biotypes resistant to Ovation 500, 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 Ovation 500 or other Group A Herbicides.

Paddocks sprayed with Ovation 500 should be closely monitored if the paddock has a previous history of diclofop-methyl usage. If resistance is suspected, contact Sipcam Pacific Australia Pty Ltd or local Department of Agriculture. To avoid further resistance problems, do not use Ovation 500 or other Group A herbicides. Further advice on resistance management strategies is available from your local Department of Agriculture or Sipcam Pacific Australia Pty Ltd representative. Resistance should not be confused with poor application techniques, conditions or timing.

Since 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 Ovation 500 to control resistant weeds.

EXPORT OF TREATED PRODUCE

Growers should note that suitable MRL's or import tolerances may not be established in all markets treated with Ovation 500 Selective Herbicide. If you are growing produce for export, please check with Sipcam Pacific Australia Pty Ltd for the latest information on MRL's and import tolerances BEFORE using Ovation 500.

APPLICATION

Aim to apply Ovation 500 to base (growing point) of weeds. Equipment must be set up to ensure penetration of the crop canopy.

MIXING

Add the required quantity of Ovation 500 directly to the spray tank when about two-thirds full. Top up with water to required volume, with agitators in motion. Add wetting agents just before tank is full of water to avoid excessive frothing.

EQUIPMENT

Ground Sprayers - Standard boom sprays only are recommended and must be fitted with by-pass or mechanical agitation. It is recommended to use approximately 50 to 150 L water/ha and a droplet size of 200 to 300 microns. Do not apply with boomless jets or misters. Application should be made using an enclosed cabin where possible.

Aircraft - Best results have been obtained using 20 to 30 L water/ha with a steady cross wind and a swath width of 15 to 18 metres. Aim for a droplet size of 200 to 300 microns. Do not exaggerate swath width. Aircraft operators should consult manufacturer for details. Flaggers should be protected by enclosed cabins where possible.

COMPATIBILITY

1. Mixtures of Ovation 500 with broadleaf herbicides may lead to a reduction in grass weed control and/or varying degrees of crop discolouration/damage. These effects can be minimised by closely following all use recommendations and restrictions.

The following table summarises current knowledge on compatibility in wheat, barley, triticale and cereal rye crops:

	Ryegrass	Wild Oats
Tigrex* (up to 0.8L/ha)	Yellow	Yellow
Jaguar* (up to 0.75L/ha)	Green	Yellow
Eclipse (up to 7 g/ha)	Green	Yellow
Broadstrike* (up to 25 g/ha)	Green	Red
MCPA LVE 500g/L (up to 700mL/ha)	Yellow	Yellow
Buctril*	Green	Green
Buctril* MA (up to 1.4L/ha)	Yellow	Yellow
Accolade™ (up to 15 g/ha)	Yellow	Yellow
Lontrel* (up to 150mL/ha)	Green	Green
Esteem™	Red	Red
Wildcat*/Puma*Progress	Green	Green

GREEN Trials indicate no reduction in grass weed control when used as recommended. There may be minor crop discolouration in some cases. These mixtures can be used with minimal loss of activity under good growing conditions with all label recommendations followed.

YELLOW Trials indicate some reduction in grass weed control and/or minor crop discolouration at recommended rates, even under good growing conditions. These mixtures will usually result in reduced grass weed control and cannot be recommended unless such efficacy loss and possible crop discolouration is accepted.

RED Trials at recommended rates indicate a severe reduction in grass weed control and/or significant crop injury. These mixtures cannot be recommended.

2. When mixing with broadleaf herbicides add a non-ionic surfactant (1000g/L) at the rate of 250 mL per 100L of spray solution. Reductions in grass weed control (as indicated above) can be minimised by using a minimum of 80 L of water per ha by ground and 30 L by air, and if wild oats are present, use 1.5 L Ovation 500/ha (except barley). Do not use Buctril MA at rates above 1.4 L/ha when mixing with Ovation 500.
3. Allow at least 10 days between any application of Ovation 500 and other herbicides containing 2, 4-D, MCPA, dicamba or other similar sprays, which should preferably follow Ovation 500.
4. Where phalaris is present, Ovation 500 and Wildcat/ Puma Progress may be applied together at the respective recommended rates. Wetting agent should be added to this mixture at the rate recommended on the Ovation 500 label.
5. Ovation 500 Herbicide may also be mixed with the following insecticides without a significant loss of activity: Dimethoate, omethoate and phosmet.

PRECAUTIONS

Re-entry

Do not allow entry into treated areas until spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers, or waterways with the chemical or used containers.

PROTECTION OF CROP, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants, adjacent crops (eg. maize, sorghum, rice), crop lands or pasture. DO NOT plant susceptible crops (eg. maize, sorghum, rice) for 10 weeks after application.

UNDERSOWN CLOVERS AND MEDICS

Ovation 500 does not affect undersown clovers or medics or other broadleaf crops, and has no activity against broadleaf weeds.

STORAGE AND DISPOSAL (For 20L containers)

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

STORAGE AND DISPOSAL (for 100L refillable containers)

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Empty container by pumping through the dry-break connection system. Do not attempt to unscrew the valve or breach the locked filling point. Do not contaminate the container with water or other foreign material.

Ensure that the coupler, pump, meter and hoses are disconnected, triple rinsed with clean water and drained after each use. When empty, or contents are no longer required return the container to the point of purchase. This container remains the property of Sipcam Pacific Australia Pty Ltd.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale vapour. If product is in eyes, wash out immediately with water. When opening the container, preparing spray and using prepared spray, wear cotton overalls buttoned to the neck and wrist, and washable hat, elbow-length PVC gloves and goggles. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet (MSDS) which is available from the supplier.

NOTICE TO BUYER

This product is not to be used for any purpose or in any way contrary to label instructions.

The buyer by use or application of this product acknowledges so doing upon the terms and conditions agreed between Sipcam Pacific Pty Limited and the buyer but not limited to the following.

To the extent permitted by law all conditions and other warranties or other rights of action which buyer or any other user may have against Sipcam Pacific Pty Limited (Sipcam) or Seller are hereby excluded. Sipcam hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by Sipcam or on its behalf unless it can be established that such information or advice was provided negligently and that the product has been used strictly as directed. Notwithstanding the generality of this notice Sipcam will not be held liable for any loss, injury or damage indirect or consequential arising from the sale, supply, use or application of this product. Sipcam's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefor.

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Batch No:

NRA Approval No: 55606/0302

Date of Manufacture:

IN A TRANSPORT EMERGENCY
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1800 033 111 (24 HOURS)