

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

# **CropSure Prozide 500SC Herbicide**

**ACTIVE CONSTITUENT: 500 g/L PROPYZAMIDE  
SOLVENT: 42 g/L ETHYLENE GLYCOL**

**GROUP 3 HERBICIDE**

**For Selective Control of Certain Grasses and Broadleaf  
Weeds in Canola, Mustard, Winter Grain Legumes, Lettuce,  
Sports Turf, Home Lawns and Legumes Seed Crops and  
Pastures, as per the Direction for Use**

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING  
OR USING THIS PRODUCT**

**Contents: 1L - 1000L**

**CropSure Pty Ltd**  
18 Raymond Road  
Laverton North  
Victoria 3026  
ABN: 17 643 829 190  
ACN: 643 829 190  
Phone: 03 9931 2200

**STORAGE AND DISPOSAL****KEEP OUT OF REACH OF CHILDREN****Storage For All Containers**

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

**DISPOSAL****Recycled Containers**

This container can be recycled if it is clean, dry, free of visible residues and has the drum MUSTER logo visible. Triple rinse containers before disposal. Dispose of rinsate by adding to the spray tank. DO NOT dispose of undiluted chemicals on site. Wash outside of the container and cap. Stored cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at a drum MUSTER collection or similar container management site. The cap should not be replaced but taken separately.

**Non-Recycled Containers**

Triple rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on site. 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.

**Refillable Containers**

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SMALL SPILL MANAGEMENT**

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal.

**SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat and elbow-length chemical resistant gloves. After use, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves and contaminated clothing.

**FIRST AID**

If poisoning occurs contact a Doctor or phone the Australian Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

**SAFETY DATA SHEET**

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

**CONDITIONS OF SALE**

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

APVMA Approval No.: 90212/141444

Batch No.

DOM:

<b>IN EMERGENCY DIAL</b> <b>000</b> <b>POLICE OR FIRE BRIGADE</b>	<b>24HR EMERGENCY RESPONSE:</b> <b>AU +61 1800 951 288</b> <b>NZ +64 800 700 112</b>
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Suspected of causing cancer. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical advice. In case of fire: Use carbon dioxide, dry chemical, foam, water fog, to extinguish. Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Dispose of contents and containers as specified on the registered label.

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GROUP	<b>3</b>	HERBICIDE
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## DIRECTIONS FOR USE

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [www.apvma.gov.au/spraydrift](http://www.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. 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.

Crops	Weeds Controlled	State	Rate L/ha	Critical Comments
				Best results are obtained when applied during cool and moist conditions. Rain or irrigation is necessary to thoroughly wet the top 3 to 4 cm of soil within 24 hours of application. This is similar to 25 mm of rain.
<b>BROADACRE CROPS</b>				
Canola and Mustard (oilseed Cultivars, Brassica juncea)	Annual ryegrass, barley grass, Canary grass, Fescue, Great brome, Praire grass, Rat's tail fescue, Silver grass, Squirrel tail, Wild oats, Winter grass	All states	1	Incorporated by sowing (IBS) when weeds are at the pre-emergent stage.
Chickpeas, Faba beans, Field Peas, Lentils, Lupins			1 - 2	Incorporate by sowing (IBS) when weeds are at the pre-emergent stage.  Use rates towards the higher end of the range on heavy soils, if conditions are not optimal or where a heavy grass population is expected
Legume Pastures (including Lucerne, Clover, Medics) Grown for Forage, Hay or Seed Production		NSW, Vic, ACT, Tas, SA, WA only	1 – 1.5	Apply when weeds are at post- or pre-emergent stages.  SEEDLING CROPS: Apply after the third trifoliate leaf is fully developed.  ESTABLISHED CROPS: Apply any time before the end of July.
	Bent grass, Blackberry Nightshade, Chickweed, English Couch, Patterson's Curse, Perennial Ryegrass, Seedling Sorrel, Seedling Wireweed, Wild Oats, Yorkshire Fog Grass		1.5 - 2	Use rates towards the higher end of the range on heavy soils, if conditions are not optimal or where a heavy grass population is expected. Grazing or cutting PRIOR to treatment is recommended.

Situation	Weeds Controlled	State	Rate L/ha	Critical Comments
Oilseed poppies	Ryegrass (resistant to herbicides in Group 1 and 2)	Tas only	1 in 100 – 200 L water	Apply as foliar application (using suitable boom spray equipment) from 6-leaf stage to crop row cover. Make only one application per crop. DO NOT apply after commencement of running up.

<b>Turf &amp; Lawns</b>	Winter Grass			Rate Bowling Green 37 x 37 m	
Common Couch		All States	1.2 (12mL /100m <sup>2</sup> )	170mL	Apply during the autumn and Winter, if established turf is infested with seedling winter grass. Ensure a uniform coverage. Irrigate immediately after application with 12-25 mm irrigation or rain and again 24 hours later. Repeat if necessary on QLD. Blue Couch after 4 weeks. DO NOT re-seed for 60 days after treatment. Use ONLY on established turf. DO NOT use on bluegrass, ryegrass, fescue or bent grass lawns.
Queensland Blue Couch		QLD only	0.6 (6mL /100m <sup>2</sup> )	85mL	
Buffalo Grass		WA only	1.2 (12mL /100m <sup>2</sup> )	170mL	
<b>Lettuce</b> Direct sown	Barnyard Grass, Blackberry Nightshade, Chickweed, Portulaca, Winter Grass, Ryegrass, Summer Grass, Wireweed, Prince of Wales Feather, Shepherd's Purse, Nettles	All States	4.5 in 330 – 550L	Apply pre-emergent, immediately after sowing. For best results, prepare the seed bed free from clods. Sufficient irrigation to wet the top 3 to 4 cm of soil should be applied within 24 hours.	
<b>Lettuce</b> Transplanted				Apply immediately after transplanting. For best results, prepare the seed bed free from clods. Sufficient irrigation to wet the top 3 to 4 cm of soil should be applied within 24 hours.	
		Vic only	2.3 in 300 – 550L	Apply on light sandy soils, low in organic matter.	

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

#### WITHHOLDING PERIODS

##### **CANOLA, MUSTARD and WINTER GRAIN LEGUMES:**

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED

GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 12 WEEKS AFTER APPLICATION

##### **POPPIES, CHICORY, ENDIVE AND RADICCHIO:**

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED

GRAZING: DO NOT GRAZE TREATED CROPS OR CUT FOR STOCK FOOD

##### **PYRETHRUM:**

DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD OR FOR SEED FOR 25 DAYS AFTER APPLICATION

##### **ALL OTHER CROPS:**

DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD OR FOR SEED FOR 25 DAYS AFTER APPLICATION

**EXPORT GRAZING INTERVALS:** SAME AS WITHHOLDING PERIODS

## GENERAL INSTRUCTIONS

### MIXING

Prior to pouring, Shake the container vigorously, then add the required quantity of CropSure Prozide 500SC Herbicide to water in the spray vat while stirring or with agitators in motion. DO NOT mix with other pesticides.

### APPLICATION

Ensure complete and uniform spray coverage on soil. Spray coverage may be compromised where application is made to a rigid or excessively cloddy soil surface or where cover of crop or weed residues restrict contact with the soil surface.

High stubble loadings or ash from a recently burnt paddock can lead to poor soil contact. Results may be unsatisfactory if the ground cover from the stubble exceeds 50%.

Standing stubble will cause less efficacy loss compared to stubble that has been dropped to the ground via mechanical means or grazing. It is best to delay application to recently burnt paddocks or windrows until rainfall occurs to disturb the layer of ash. CropSure Prozide 500SC Herbicide binds to ash stronger than it does to stubble (ash is free carbon)

### SEED PLACEMENT AND EQUIPMENT

Crop seed should ideally be sown below the applied band of CropSure Prozide 500SC Herbicide to avoid reduced plant vigour. Sowing with knife points and press wheels is regarded as the safest sowing configuration when using CropSure Prozide 500SC Herbicide. Crop safety when using disc seeding systems is variable based on seed placement. CropSure Prozide 500SC Herbicide should be applied prior to sowing and incorporated by sowing using either knife point and press-wheel planter or by full disturbance cultivation with trailing harrows. Incorporation with a knife point and press-wheel planter may result in reduced weed control in the drill row. If using a knife point and press-wheel planter, adjust working speed to avoid excessive soil throw into the adjoining seeding row. Weeds germinating from depth, weeds about to emerge or emerged weeds not controlled by knockdown herbicides may not be controlled by CropSure Prozide 500SC Herbicide.

### ENVIRONMENTAL CONDITIONS

CropSure Prozide 500SC Herbicide requires adequate soil moisture for effective weed control. CropSure Prozide 500SC Herbicide is effective in warm moist soils on small germinating grass weeds; Best results are achieved when sufficient rainfall occurs soon after application, or soil movement from sowing incorporates the product into the weed root zone. The efficacy of CropSure Prozide 500SC Herbicide improves when the soil temperatures decline below 10°C. Cool moist soils in the months following application is favourable for residual grass weed control.

**Caution:** The potential for Canola and Mustard seedling damage may occur on:

- light soils with low organic matter if heavy rainfall follows sowing.
- dry sown canola crops treated with Rustler after heavy rain events.

### COMPATIBILITY

CropSure Prozide 500SC Herbicide is compatible with a range of Knockdown herbicides and insecticides.

Following table provides some recommendations on the suitability of tank mix combinations:

Herbicides	Compatibility Recommendations
Atrazine 900WG	Acceptable
Diuron 900 WG	Acceptable
Ecopar® 20SC	Acceptable
Glyphosate present as the potassium salt based products**	Not Recommended
Glyphosate 450SL	Conditional
Glyphosate Dry WG680	Acceptable
Haloxyfop 520EC	Acceptable
Hammer® 400EC	Conditional
Omethoate 290SL	Conditional

Oxyfluorfen 240EC	Acceptable
Paraquat 250SL	Not recommended
Paraquat 350SL	Not recommended
Terbyne Xtreme®WG	Acceptable
Trifluralin 480EC	Acceptable

Insecticides	Compatibility Recommendations
Cyren® 500EC	Acceptable
Danadim® 400EC	Conditional
Dominex® Duo 100	Acceptable
Talstar® 250EC	Conditional
Trojan® Insecticide	Acceptable

Explanatory Notes on Recommendations
<b>Acceptable:</b> Products considered physically compatible with CropSure Prozide 500SC Herbicide in a two-way mix.
<b>Conditional:</b> Tank mixers of CropSure Prozide 500SC Herbicide with the following product may result in nozzle or filter blockage if vigorous agitation in the spray unit is not maintained during the entire spray operation.
<b>Not Recommended:</b> Tank mixes of CropSure Prozide 500SC Herbicide with the following product is likely to form a slimy residue which can block spray nozzles and filters during application <i>**it is not recommended to mix CropSure Prozide 500SC Herbicide with any products containing Glyphosate as the potassium salt</i>

**Physical compatibility with CropSure Prozide 500SC Herbicide should be determined prior to mixing with a product not listed above, or when mixing CropSure Prozide 500SC Herbicide as a component of a 3-way tank mix.**

**Always read the product label for the manufacturer's tank mix recommendations and to determine individual product compatibility options and correct mixing orders for individual products. If unsure, perform a jar test before proceeding to determine physical compatibility. Physical compatibility does not always guarantee biological compatibility.**

#### CROP ROTATION RECOMMENDATIONS

CropSure Prozide 500SC Herbicide is predominately broken down in the soil through microbial degeneration. Microbial activity is typically favoured by moist and warm aerobic soils. Minimum recropping intervals for CropSure Prozide 500SC Herbicide have been recommended to minimise the risk of damage to rotational crops (see table below). However, considerable variations in environmental, edaphic and agronomic factors affecting the soil microbial activity, mean that it is not possible to absolutely eliminate all risks and potential for damage to the following crops.

Crop	Re-cropping Interval Recommendations
<b>Cereals</b> (Wheat, Barley, Oats and Triticale)	9 months <sup>^</sup>
<b>Canola, Mustard</b> (oilseed cultivars, <i>Brassica juncea</i> ), <b>Winter Grain Legumes</b> (including Lentils, Lupins, Chickpeas, Faba bean and field peas)	Can be sown into soil treated with CropSure Prozide 500SC Herbicide in a failed crop scenario, however CropSure Prozide 500SC Herbicide (or any other propyzamide products) should not be applied prior to sowing the replacement crop (i.e. twice in one growing season).

<sup>^</sup>Provided there has been sufficient rainfall (estimated >250mm) over summer to support microbial activity and degradation of CropSure Prozide 500SC Herbicide. Conditions that aren't conducive to adequate soil microbial degradation may result in extended recropping intervals.

For advice on crops and situations not mentioned above, contact Cropsure Pty Ltd.

**RESISTANT WEEDS WARNING**

GROUP	3	HERBICIDE
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CropSure Prozide 500SC Herbicide is a member of the benzamide group of herbicides with inhibition of microtubule assembly mode of action. For weed resistance management CropSure Prozide 500SC Herbicide is a Group 3 herbicide.

Some naturally occurring weed biotypes resistant to CropSure Prozide 500SC Herbicide and other amide 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 CropSure Prozide 500SC Herbicide or other Group 3 herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, CropSure Pty Ltd accepts no liability for any losses that may result from failure of CropSure Prozide 500SC Herbicide to control resistant weeds. Advice as to strategies and alternative treatments that can be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or CropSure Pty Ltd representative.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

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

**PROTECTION OF LIVESTOCK**

DO NOT graze sheep on treated areas or feed to poultry or pigs.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

DO NOT apply under weather conditions or from spraying equipment that may cause spray drift onto nearby susceptible plants/crops, cropping land or pastures.

**STORAGE AND DISPOSAL****KEEP OUT OF REACH OF CHILDREN****Storage For All Containers**

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

**DISPOSAL****Recycled Containers**

This container can be recycled if it is clean, dry, free of visible residues and has the drum MUSTER logo visible. Triple rinse containers before disposal. Dispose of rinsate by adding to the spray tank. DO NOT dispose of undiluted chemicals on site. Wash outside of the container and cap. Stored cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at a drum MUSTER collection or similar container management site. The cap should not be replaced but taken separately.

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**Refillable Containers**

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SMALL SPILL MANAGEMENT**

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal.

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