

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



# Silverado Herbicide

**ACTIVE CONSTITUENTS:** 60 g/kg CARFENTRAZONE-ETHYL  
375 g/kg MCPA present as the sodium salt

<b>GROUP</b>	<b>G</b>	<b>I</b>	<b>HERBICIDE</b>
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**For the Control of Moss and Broadleaf Weeds in Turf**

**IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT**

APVMA Approval No.: 63103/128785



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**DIRECTIONS FOR USE****Restraints**

**DO NOT** apply if rain is expected within 3 hours.

**DO NOT** allow spray to contact the foliage of wanted plants.

**DO NOT** apply to turf under stress.

**DO NOT** apply to waterlogged soils.

**DO NOT** apply to turf with saturated root zone conditions.

**DO NOT** apply to newly sown / planted turf; only apply to established turf areas.

**DO NOT** use where Kikuyu is the desired species.

**DO NOT** tank mix with any type of fertiliser.

**DO NOT** tank mix with other pesticides.

**DO NOT** apply if products containing bensulide have been applied in the last 3 months and **DO NOT** apply products containing bensulide for 3 months after the application of Silverado Herbicide.

For PROFESSIONAL use only.

**DO NOT** allow bystanders to come into contact with the spray cloud.

Situation	Weed Control	Rate	Critical Comments
<b>Established Turf</b> as listed (including but not limited to Golf & Bowling Greens) <b>Bent grass</b> <i>(Agrostis tenuis)</i> , <b>Buffalo</b> <i>(Stenotaphrum secundatum)</i> , <b>Couch, Common</b> <i>(Cynodon dactylon)</i> , <b>Couch, Hybrid</b> <i>(Cynodon dactylon x Cynodon transvaalensis)</i> , <b>Fescue, Fine</b> e.g. Creeping Red, Chewings, Hard, Sheeps <i>(Festuca spp)</i> , <b>Fescue, Tall</b> <i>(Festuca arundinacea)</i> , <b>Ryegrass, Perennial</b> <i>(Lolium perenne)</i> , <b>Winter Grass</b> <i>(Poa annua)</i>	<b>Moss</b> <i>(Bryum argenteum)</i>	1 kg/ha	<ul style="list-style-type: none"> <li>Apply with 800 – 1600 L of water per ha (8 – 16 L of water per 100 m<sup>2</sup>).</li> <li>For best results for the control of broadleaf weeds only use 800 L water per ha (8 L of water per 100 m<sup>2</sup>).</li> <li>A 2nd application is required 14 days after the first application.</li> <li>Even spray coverage is essential for optimal performance (i.e. boom spray or fish mouth nozzle).</li> <li>Spray equipment preparation and cleaning is required before and after applications of Silverado Herbicide. Please carefully read the Spray Preparation &amp; Clean Up instructions.</li> </ul>
	<b>Broadleaf weeds</b> Carrot Weed <i>(Daucus carota)</i> , Clover <i>(Trifolium spp.)</i> , Cudweed <i>(Gnaphalium polycaulon)</i> , Dandelion <i>(Taraxacum officinale)</i> , Docks <i>(Rumex spp.)</i> , Fat Hen <i>(Chenopodium album)</i> , Flatweed / Catsear <i>(Hypochoeris radicata)</i> , Pearlwort <i>(Sagina apetala)</i> , Plantains <i>(Plantago spp.)</i>		

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

**WITHHOLDING PERIOD**

**DO NOT** feed grass clippings from treated areas to poultry or other livestock.

## GENERAL INSTRUCTIONS

### Application

Apply with a calibrated garden, backpack, power or boom sprayer. Apply in a minimum of 800 L of water per hectare (8 L of water per 100 m<sup>2</sup>). Silverado Herbicide is best applied in overcast dry conditions to avoid rapid evaporation.

### Spray Preparation & Clean Up

One of Silverado's active constituents is carfentrazone-ethyl, a fast acting contact herbicide which controls weeds through a process of membrane disruption, and to ensure optimum performance and crop tolerance, the product needs to be used in spray equipment that is thoroughly cleaned, with no residues from previous sprays.

To avoid injury to following crops, immediately after spraying, thoroughly remove all traces of Silverado Herbicide from mixing and spray equipment. This can be achieved by using a specialist boom-cleaning product.

## RESISTANT WEEDS WARNING

GROUP	G	I	HERBICIDE
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Silverado Herbicide is a member of both the aryl triazoline and phenoxy groups of herbicides.

Silverado Herbicide has both the process of membrane disruption, which is initiated by the inhibition of the enzyme protoporphyrinogen oxidase, and disruption of plant cell growth modes of action. For weeds resistance management Silverado Herbicide, is a Group G and Group I herbicide.

Some naturally occurring weed biotypes resistant to Silverado Herbicide and other Group G and Group I 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 this product or Group G and Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Turf Culture accepts no liability for any losses that may result from the failure of Silverado Herbicide to control resistant weeds.

## PRECAUTIONS

DO NOT use this product in the home garden.

### Re-entry Periods

#### General Public

DO NOT allow entry into treated areas until the spray has dried.

#### Occupational Workers

DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

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

Contact with wanted plants and trees except lawns may cause severe damage.

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

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

## 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 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 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.

**SAFETY DIRECTIONS**

Harmful if inhaled or swallowed. Will irritate skin. Will damage the eyes. Avoid contact with eyes and skin. DO NOT inhale dust or spray mist.

When opening the container, mixing, loading preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves, goggles and half facepiece respirator.

If product or spray in eyes, wash it out immediately with water. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use wash gloves, contaminated clothing and respirator. If the respirator is rubber, wash with detergent and warm water.

**FIRST AID INSTRUCTIONS**

If poisoning occurs, contact a doctor or Poisons Information Centre. *Phone Australia 13 11 26.*

**SAFETY DATA SHEET**

For further information refer to the Safety Data Sheet (SDS), which is available from the supplier, the supplier or the manufacturer's website: [www.turfculture.com.au](http://www.turfculture.com.au)

**CONDITIONS OF SALE**

The use of Silverado Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Turf Culture regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Turf Culture accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

In a Transport Emergency Dial 000 Police or Fire Brigade