



For the control of Moss and Broadleaf Weeds in Golf and Bowling Greens and Turf Farms

# Silverado Moss & Broadleaf Herbicide

## Technical Brief

- Active Ingredients:** 60 g/kg carfentrazone  
375 g/kg MCPA present as the sodium salt
- Chemical Family:** triazolinones / phenoxy
- Mode of Action Groups:** G / I
- Formulation:** Water Dispersible Granule
- Mode of Action:** Group G — Inhibitors of protoporphyrinogen (PPOs)  
Group I — Disruptors of plant cell growth (Synthetic Auxins)
- Behaviour in Plants:** Moss: Carfentrazone works by effectively inhibiting a key enzyme in moss chlorophyll production.  
Broadleaf: Carfentrazone is a contact herbicide with little or no residual activity that provides selective post-emergence control of broadleaf weeds. It is an aryl triazolinone herbicide, which interrupts chlorophyll synthesis and produces metabolic by-products that disrupt plant cell membranes (a process of membrane disruption). MCPA is classified as a Group I Herbicide, with a mode of action where the weed cannot grow due to disruption of plant cell growth (disruptors of plant cell growth). It is absorbed through the leaves of susceptible weeds and then rapidly translocates to accumulate in the growing points of the stems and roots, where it interferes with cell division and enlargement.

## Benefits

- Provides quick control of moss and broadleaf weeds in fine turf and has become a valuable tool for golf course superintendents
- It's so effective that it will reduce up to 90% of moss when applied twice at a 14-day interval
- Formulated to be effective in both cool and warm temperatures, allowing moss control year-round
- Won't harm fine turf areas such as Bentgrass and Couch greens and also safe to use on Fine Fescue, Winter Grass and Buffalo
- Leaves minimal residue allowing for fast reestablishment of Bentgrass or Fescues, enabling golf course superintendents and greenkeepers to quickly replant/re-seed and break the moss opportunity cycle

## Weed Management

Situation	Weed Control	Rate/ha	Critical Comments
<b>Established turf grasses as named:</b>	Moss ( <i>Bryum argenteum</i> )	1 kg/ha	<ul style="list-style-type: none"> <li>• Apply with 800-1600L of water per ha</li> <li>• For best results for the control of broadleaf weeds only use 800L water per ha.</li> <li>• A second 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. Please carefully read the Spray Preparation &amp; Clean Up instructions.</li> </ul>
For Golf & Bowling Greens & Turf Farms, containing:  Bentgrass ( <i>Agrostis tenuis</i> ), Common couch ( <i>Cynodon dactylon</i> ), Hybrid couch ( <i>Cynodon dactylon</i> x <i>Cynodon Transvaalensis</i> ), Fine & Red Fescues ( <i>Festuca spp.</i> ), Buffalo ( <i>Stenotaphrum secundatum</i> )  Winter Grass ( <i>Poa annua</i> )	Broadleaf weeds as listed: 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>Hypochaeris radicata</i> ), Pearlwort ( <i>Sagina apetala</i> ), Plantains ( <i>Plantago spp.</i> )		

Note: The above table represents only a modified extract from the full registered label. Always read the full product label before use.

## How to get the most out of your application

- Apply in 800 — 1600 L of water per ha
- A second application is required 14 days after the first application
- DO NOT tank mix with any type of fertiliser
- DO NOT tank mix with other pesticides
- There is no need for the addition of surfactants

## Mixing and Compatibility

### SPRAY PREPARATION & CLEAN UP

One of Silverado Moss & Broadleaf Herbicide's active constituents is carfentrazone, 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 Turf Culture Silverado from mixing and spray equipment. This can be achieved by using a specialist boom-cleaning product, such as Turf Culture Refresh Boom Clean.

## Restrictions

- 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 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 Moss & Broadleaf Herbicide.

## Packaging

Pack size: 1kg, 2.5kg



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