



For the control of Moss and Broadleaf Weeds in Turf

Silverado Herbicide

Technical Brief

Active Ingredients:	60 g/kg carfentrazone-ethyl 375 g/kg MCPA present as the sodium salt
Chemical Family:	triazolinones / phenoxy
Mode of Action Groups:	G / I
Formulation:	Water Dispersible Granule (WDG)
Mode of Action:	Group G — Inhibitors of protoporphyrinogen (PPOs) Group I — Disruptors of plant cell growth (Synthetic Auxins)
Behaviour in Plants:	Moss: Carfentrazone-ethyl works by effectively Inhibiting a key enzyme in moss chlorophyll production. Broadleaf: Carfentrazone-ethyl 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
- Won't harm fine turf areas such as Bentgrass and Couch greens and also safe to use on Fine Fescue, Winter Grass and Buffalo
- It's so effective that it will reduce up to 90% of moss when applied twice at a 14-day interval
- 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
- Formulated to be effective in both cool and warm temperatures, allowing moss control year-round

How to get the most out of your application

- Apply in 800 to 1600 L of water per ha (8 to 16 L of water per 100m²)
- 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 Herbicide'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.

Weed Management

Situation	Weed Control	Rate	Critical Comments
Established Turf as listed (including but not limited to Golf & Bowling Greens) Bent grass (<i>Agrostis tenuis</i>), Buffalo (<i>Stenotaphrum secundatum</i>), Couch, Common (<i>Cynodon dactylon</i>), Couch, Hybrid (<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>), Fescue, Fine e.g. Creeping Red, Chewings, Hard, Sheeps (<i>Festuca</i> spp.), Fescue, Tall (<i>Festuca arundinacea</i>), Ryegrass, Perennial (<i>Lolium perenne</i>), Winter Grass (<i>Poa annua</i>)	Moss (<i>Bryum argenteum</i>)	1 kg/ha	<ul style="list-style-type: none"> Critical Comments Apply with 800 – 1600 L of water per ha (8 – 16 L of water per 100 m²). For best results for the control of broadleaf weeds only use 800 L water per ha (8 L of water per 100 m²). A 2nd application is required 14 days after the first application. Even spray coverage is essential for optimal performance (i.e. boom spray or fish mouth nozzle). Spray equipment preparation and cleaning is required before and after applications of Silverado Herbicide. Please carefully read the Spray Preparation & Clean Up instructions.
	Broadleaf weeds Carrot Weed (<i>Daucus carota</i>), Clover (<i>Trifolium</i> spp.), Cudweed (<i>Gnaphalium polycaulon</i>), Dandelion (<i>Taraxacum officinale</i>), Docks (<i>Rumex</i> spp.), Fat Hen (<i>Chenopodium album</i>), Flatweed / Catsear (<i>Hypochaeris radicata</i>), Pearlwort (<i>Sagina apetala</i>), Plantains (<i>Plantago</i> spp.)		

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

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 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.



Packaging

Pack size: 1 kg, 2.5 kg



Silverado Herbicide