

# Surrender

## Mosskiller

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### What is Surrender?

1. Surrender® is a fast acting, easy to use formulation for the control of moss, algae, liverwort and lichen. It has minimum odour and will not stain.
2. Algae will disappear with days — simply spray and walk away. Surrender® is highly soluble, cost effective and easy to use.
3. Surrender® has rapid and efficient germicidal activity against a wide range of micro-organisms. A selected blend of biocidal actives that give maximum microbiocidal activity while having good physical properties. The active ingredient is used as a sanitiser for the control of bacteria, certain fungi, viruses and bacterial spores in a number of industries.

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### Where can it be used?

1. Can be used safely on bentgrass, buffalo, couch, fescue and ryegrass lawns to control algae, lichen, liverwort and moss.
2. Spray over tiled roofs, rockeries, driveways, patio bricks, outdoor furniture, fences, walls, gutters and paths for effective algae, moss, lichen and liverwort control.
3. Surrender® can be safely used on painted surfaces, steel, plastic, synthetic materials, wooden and material surfaces at label rates.
4. Can be used around potted ornamentals. If sprayed directly onto plants, wash off with water within 5 minutes to reduce risk of damage, particularly on soft or new foliage.
5. Surrender® is an effective algicide against black and blue-green algae, and can be used as an efficient agent for the treatment of algae in swimming pools and water-cooling systems. The excellent algae control properties of Surrender® coupled with its high bactericidal potency, makes it a very effective chemical for slime control.

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### How to get the best results

1. Ensure lawns are well watered before use — wait until lawn surface and foliage is dry before application.
2. Surrender® should be applied alone and not mixed with wetting agents or foliar fertilisers.
3. Apply with a pressure or knapsack sprayer. Apply lightly and evenly wet surface.
4. For heavy infestations, repeat applications may be required.
5. Apply when conditions are warm and rain is not expected within 12 hours.
6. Do not use around seedlings.



## How does it work?

1. Surrender® has a powerful penetrating and wetting action and is taken up by moss, algae and liverwort within minutes. Under the right conditions and application rates death will occur for algae and liverwort in minutes and moss and lichen within hours.
2. Surrender® is an effective algicide against black and blue-green algae, and can be used as an efficient agent for the treatment of algae in swimming pools and water-cooling systems. The excellent algae control properties of Surrender® coupled with its high bactericidal potency, makes it a very effective chemical for slime control.

## Active constituents

Contains 500g/L benzalkonium chloride in the form of a soluble concentrate.

## Pack sizes available

10L and 20L packs.

## Precautions

Surrender® may be harmful if swallowed or in contact with the eyes or skin. Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children. When mixing wear a face shield and protective waterproof gloves and clothing. When spraying use protective clothing. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. Rinse empty container at least 3 times with clean water, add residue to spray tank, drain thoroughly each time. Burn the empty container if circumstances, especially wind direction permit, otherwise bury in a landfill. Remove burn containers, replace with return containers to an appropriate disposal point such as Drum Muster. Avoid contamination of any water supply with chemicals or empty container.

## Rates of application

Algae and Lichen 10–15ml per 1L  
Moss and Liverwort 15–30ml per 1L

Situation	Weeds controlled	Rate	Critical comments
Potted ornamental plants, garden beds	Algae, lichen, liverwort and moss.	10–15mL per litre of water	Spray only over the soil to thoroughly wet weeds. If spray accidentally contacts foliage of wanted plants, hose off within 5 minutes.
Tiled roofs, rockeries, drives & pathways.		20mL per litre of water	Spray to just wet. For heavy infestation, clean off after 40 hours and reapply.
Bentgrass, Buffalo, couch, fescues and ryegrass grass lawns.		25mL per litre of water to cover 10m <sup>2</sup>	Ensure target area is well watered before applying. Good spray coverage is important. Broadcast or spot spraying is acceptable.
Algae and slime control in swimming pools	Algae and slime	10mL per 100L	Pool disinfectant. Algae control in recirculating water systems.

