

Product Name: Sedgemaster Herbicide
APVMA Approval No: 91023/134886



Label Name:	Sedgemaster Herbicide
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 350 g/kg HALOSULFURON-METHYL
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Mode of Action:	GROUP 2 HERBICIDE
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Statement of Claims:	Home Garden For the Selective Post-Emergence Control of Nutgrass and Mullumbimby Couch in Turf & Lawns Commercial For Selective Post-Emergence Control of Nutgrass and Mullumbimby Couch in Turf
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Net Contents:	25 g - 1 kg - Home Garden 25 g - 20 kg - Commercial
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Restraints:	Home Garden DO NOT apply more than 4.2 grams per 100 square metres per season. DO NOT use after the onset of frosts. DO NOT apply this product through any type of irrigation system. DO NOT apply if heavy rain is expected within at least 48 hours. Commercial DO NOT apply more than 430 g/ha per season. DO NOT use after the onset of frosts. DO NOT apply this product through any type of irrigation system. DO NOT apply if heavy rain is expected within at least 48 hours.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<p>Commercial HARVEST</p> <p>Turf: DO NOT USE CLIPPINGS FROM TREATED AREAS FOR MULCHING AROUND VEGETABLES OR FRUIT TREES FOR 10 WEEKS AFTER TREATMENT</p> <p>DO NOT FEED GRASS CLIPPINGS FROM TREATED AREAS TO POULTRY OR OTHER LIVESTOCK FOR 10 WEEKS AFTER TREATMENT</p> <p>GRAZING</p> <p>Turf: DO NOT GRAZE LIVESTOCK OR CUT FOR FODDER OR FORAGE FOR 10 WEEKS AFTER TREATMENT</p>
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Trade Advice:	
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General Instructions:	<p>Home Garden</p> <p>Sedgemaster Herbicide is a water dispersible granule, which disperses in water. Sedgemaster Herbicide can be used for selective post-emergence control of Nutgrass and Mullumbimby Couch in Turf & Lawns.</p> <p>Signs of weed control are a gradual yellowing of foliage and seed heads followed by desiccation. Initial signs of control may take 7 to 10 days to be noticeable, with full effects occurring 4 to 6 weeks after treatment. Sedgemaster Herbicide should be applied to actively growing weeds when new growth has reached a minimum of 5 cm of new leaf growth for Nutgrass or 2 cm for Mullumbimby Couch.</p> <p>For optimum control, do not mow turf for 2 days before or 2 days after application. Irrigation or rainfall within 4 hours of application will reduce control. Drought stress after treatment may also reduce control.</p> <p>Use of this product on newly seeded, sodded or sprigged turf-grass that is not well established may result in damage and/or delayed establishment. In addition, application to turf weakened by weather conditions or by physical damage due to intensive use or cultural practices such as scarification, coring, aeration or top dressing may result in damage and/or delayed recovery.</p> <p>Apply a follow-up treatment if sufficient new weed growth warrants re-treatment. Apply follow-up treatments if sufficient new growth warrants re-treatment. Allow at least 4 weeks between treatments.</p> <p>HOW TO PREPARE</p> <p>Half-fill the garden sprayer being used with clean water. Use the measuring cup or spoon provided to measure the amount of Sedgemaster Herbicide required and add to sprayer. Agitate thoroughly with lid closed to prevent spillage then add the remainder of water to the spray equipment tank and agitate well again with lid closed. Mix only sufficient Sedgemaster Herbicide needed for spraying that day. Wash equipment thoroughly after use.</p>
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Re-seeding / Over-seeding Period

Allow at least 14 days between the last application and over-seeding with cool-season or warm-season grasses.

Commercial

GENERAL INSTRUCTIONS

Sedgemaster Herbicide is a water dispersible granule, containing 350 g/kg halosulfuron-methyl, which disperses in water. Sedgemaster Herbicide can be used for selective post-emergence control of Nutgrass and Mullumbimby Couch in Turf.

Symptoms of weed control are a gradual yellowing of foliage and seed heads followed by desiccation. Initial symptoms may take 7 to 10 days to be noticeable, with full effects occurring 4 to 6 weeks after treatment. Sedgemaster Herbicide should be applied to actively growing weeds when new growth has reached a minimum of 5 cm of new leaf growth for Nutgrass or 2 cm for Mullumbimby Couch. Apply follow-up treatments if sufficient new growth warrants re-treatment.

Mixing

Sedgemaster Herbicide is a water dispersible granule that disperses in water. Add the measured amount gradually to a partly filled spray tank, while maintaining continuous bypass agitation. Add the surfactant near the end of the filling process to avoid excessive foaming. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source. If allowed to stand, ensure that the mixture is thoroughly agitated before re-commencing spraying. Use the mixture within 1 day.

Sprayer Cleanup

Before the application of products other than Sedgemaster Herbicide the sprayer must be cleaned out as follows:

1. Drain the tank and flush with clean water for a minimum of 10 minutes, including hoses, filters and booms.
2. Fill the tank with clean water and add chlorine bleach (containing 4% chlorine) at the rate of 300 mL/100 L of water. Flush through the boom and agitate for 15 minutes.
3. Repeat step 2 above.
4. Remove all nozzles and screens and clean thoroughly.
5. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and booms.

Caution: DO NOT use chlorine bleach with ammonia. All traces of liquid fertiliser containing ammonia, ammonia nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure to do so will release a gas with a musty chlorine odour, which can cause eye, nose, throat and lung irritation. DO NOT clean equipment in an enclosed area.

Surfactant Addition

Sedgemaster Herbicide must be applied with a non-ionic surfactant to ensure uptake. Use a 1000 g/L non-ionic surfactant at 120 mL per 100 L. For handgun or knapsack application, add surfactant at 12 mL/10 L of water.

Compatibility

As formulations of other manufacturers' products are beyond the control of Turf Culture, all mixtures should be tested prior to mixing commercial quantities. Compatibility testing should consist of assessing both; uniformed mixtures (i.e. no separation) and no rapid sediment build up (i.e. no flocculation).

Re-seeding / Over-seeding Period

Allow at least 14 days between the last application and over-seeding with cool-season or warm-season grasses.

Resistance Warning:	<p>Commercial</p> <p>RESISTANT WEEDS WARNING</p> <p>GROUP 2 HERBICIDE</p> <p>Sedgemaster Herbicide inhibits acetolactate synthase and therefore is a member of the Sulfonylurea group of herbicides. The product has the inhibitors of acetolactate synthase mode of action. For weed resistance management Sedgemaster Herbicide is a Group 2 Herbicide.</p> <p>Some naturally occurring weed biotypes resistant to Sedgemaster Herbicide and other Group 2 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 Sedgemaster Herbicide or any other Group 2 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 Sedgemaster Herbicide to control resistant weeds.</p>
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Precautions:	<p>Home Garden</p> <p>CAUTION</p> <p>DO NOT allow chemical containers or spray to get into drains, sewers, streams or ponds.</p> <p>DO NOT allow spray to contact or drift onto plants such as desirable flowers, ornamentals, vegetables, shrubs or trees (i.e. non-target vegetation).</p> <p>DO NOT use clippings from treated areas for mulching around vegetables or fruit trees for 10 weeks after treatment.</p> <p>DO NOT feed grass clippings from treated areas to poultry or other animals for 10 weeks after treatment.</p> <p>DO NOT allow livestock to graze sprayed turf or cut turf for fodder or forage for 10 weeks after treatment.</p> <p>No Re-entry interval is required, hence entry into sprayed area is permitted immediately after spraying for humans and pets.</p> <p>Commercial</p> <p>PRECAUTIONS</p> <p>Re-entry Period</p> <p>No re-entry interval is required. Re-entry is permitted immediately after spraying.</p>
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Protections:	<p>Commercial</p> <p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>Avoid spraying of non-target vegetation. In turf, DO NOT use clippings from treated areas for mulching around vegetables or fruit trees for 10 weeks after treatment. DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. After spraying the first flush irrigation tail-water or storm-water run-off from land treated with Sedgemaster Herbicide should be prevented from entering waterways. Where farms DO NOT have capacity to retain run-off, DO NOT irrigate to the point of run-off for at least 6 days after application.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT</p> <p>DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Sedgemaster Herbicide is very highly toxic to Duckweed.</p>
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Storage and Disposal:	<p>Home Garden</p> <p>Store closed original container in a cool, dry place out of the reach of children. DO NOT store in direct sunlight. Dispose of empty container by wrapping in paper, placing in a plastic bag and putting in the garbage.</p>
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	<p>Commercial 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 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.</p>
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Safety Directions:	<p>Home Garden Dust will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray, wear safety glasses. Wash hands after use. After each day's use, wash safety glasses.</p> <p>Commercial Dust will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray, wear goggles or safety glasses. Wash hands after use. After each day's use, wash goggles or safety glasses.</p>
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First Aid Instructions:	<p>Home Garden & Commercial If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.</p>
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First Aid Warnings:	
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Home Garden
HOW TO USE

Measure lawn area before application.

Situation	Weeds Controlled	Rate	How to Apply
Established Turf & Lawns as named; Bent Grass, Buffalo grass, Carpet grass, Couch Common, Couch Hybrid, Kikuyu grass, Perennial Ryegrass, Queensland Blue Couch, Tall Fescue	Mullumbimby Couch, Nutgrass	Garden Sprayer 1.4 to 2.8 grams mixed into 10 litres of water and apply over 100 square metres of lawn	Use the higher rate for dense infestation. Using a garden sprayer, spray Sedgemaster Herbicide uniformly over the area to be treated under low wind conditions and starting down-wind and working up-wind direction.

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

Commercial
DIRECTIONS FOR USE

TURF (All States, ACT, NT)

Situation	Weeds Controlled	Rate	Critical Comments
Established Turf as named; Bent Grass, Buffalo grass, Carpet grass, Couch, Common Couch, Hybrid, Durban grass, Fescue, Tall Kikuyu grass, Ryegrass, Perennial Queensland Blue Couch	Mullumbimby Couch, Nutgrass	140 to 280 grams per ha (1.4 to 2.8 grams per 100 sq. metres)	Use the higher rate for dense infestations. Apply to actively growing weeds when new leaf growth has reached a minimum of 5 cm on Nutgrass or 2 cm on Mullumbimby Couch. Apply using a boom spray with flat fan nozzles to apply at least 80 L/ha of water. Apply follow-up treatments if sufficient new growth warrants re-treatment. For optimum control, do not mow turf for 2 days before or 2 days after application. Use of this product on newly seeded, sodded or sprigged turfgrass that is not well established may result in damage and/or delay establishment. Irrigation or rainfall within 4 hours of application will reduce control. Drought stress after treatment may also reduce control. In addition, application to turf weakened by weather conditions or by physical damage due to intensive use or cultural practices such as scarification, coring, aeration or top dressing may result in damage and/or delayed recovery. For spot treatment using handgun or knapsack sprayers, apply 2.8 g per 100 square metres. For example, mix 2.8 g in 10 L of water and apply the 10 L of the mix per 100 square metres. See Surfactant Addition section in General Instructions.

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UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**