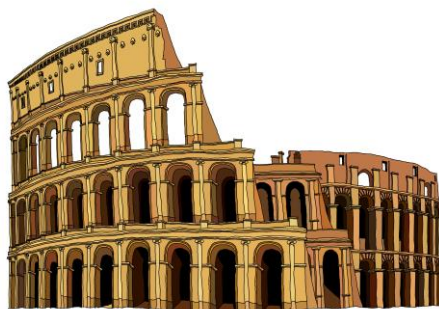


CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Coliseum Herbicide

ACTIVE CONSTITUENT: 250 g/kg RIMSULFURON

GROUP	2	HERBICIDE
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**For the Control of Winter Grass (*Poa annua*) and
Ryegrass (*Lolium spp.*) in Common Couch and
Hybrid Couch Turf**

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

APVMA Approval No.: 61358/135222CO



Turf Culture
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(Ph: 1300 11 TURF)
www.turfculture.com.au

DIRECTIONS FOR USE

Restraints

DO NOT apply with aircraft or through any type of irrigation equipment.

DO NOT apply to plants wet with rain or dew.

DO NOT apply if rainfall is expected within 3 hours (see Tracking statement in GENERAL INSTRUCTIONS).

DO NOT apply to weeds that are not actively growing or stressed by any cause such as adverse weather conditions, drought or waterlogging.

DO NOT store a suspension of Coliseum Herbicide for more than 2 days, otherwise significant breakdown may occur.

DO NOT store tank mixes of Coliseum Herbicide.

DO NOT apply where Winter Grass, Ryegrass, Fescue, Kikuyu or Bent grasses are desired species.

DO NOT apply to golf greens.

DO NOT apply to newly seeded or sodded turf. Delay application until turf is established with a root system beyond 5 cm depth.

DO NOT use with acidifying agents/surfactants (e.g. LI 700 Surfactant or equivalents).

Situation	Weeds Controlled	Rate	Critical Comments
Turf (as listed) Common Couch, Hybrid Couch	Winter Grass / Annual Poa (<i>Poa annua</i>)	75 to 100 g/ha	Ideally apply when weeds are at the 1 to 4 leaf stage. Apply lower rate for younger smaller weeds and the higher rates for more mature plants. DO NOT apply more than 2 applications per season. DO NOT re-apply within 6 to 8 weeks.
	Ryegrass (<i>Lolium spp</i>)	120 g/ha	Ideally apply when weeds are at the 1 to 4 leaf stage. DO NOT apply more than 2 applications per season. DO NOT re-apply within 6 to 8 weeks.
Always add a non-ionic surfactant (1000 g/L – non-buffering type) such as Non-Ionic 1000 Surfactant at 250 mL/100 L (0.25 % v/v) of final spray volume. The addition of a crop oil concentrate may result in crop injury.			
Refer to the Tracking statement in GENERAL INSTRUCTIONS for detailed information regarding use of light irrigation to reduce lateral movement.			

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

WITHHOLDING PERIODS

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.

DO NOT USE GRASS CUTTINGS FOR COMPOST FOR 21 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Coliseum Herbicide contains 250 g/kg rimsulfuron in the form of a water dispersible granule (WDG). Coliseum Herbicide is a selective post-emergent herbicide that controls Winter Grass (*Poa annua*) and Ryegrass (*Lolium spp*) in Common Couch and Hybrid Couch turf.

Mode of Action

Coliseum Herbicide controls weeds by inhibiting a biochemical process that produces certain essential amino acids necessary for plant growth. The inhibited enzyme system is acetolactate synthase (ALS).

Weed Growth Stage & Environmental Conditions

The degree of control resulting from an application of Coliseum Herbicide is primarily dependent upon weed species, weed size at application, environmental conditions, amount of Coliseum Herbicide applied and growing conditions. Best results are obtained when Coliseum Herbicide is applied to young actively growing weeds. Weed control is greatly improved when weeds have emerged, ample soil moisture exists, and weeds are actively growing, than when the soil is dry and weeds are under stress from lack of moisture.

Warm, moist conditions following treatment promote the activity of Coliseum Herbicide, while cold, dry conditions delay activity. Weeds hardened-off by cold weather and/or drought stress will be less susceptible. A vigorously growing turf stand will aid weed control by shading and providing competition to weeds.

Growth of susceptible weeds is inhibited soon after application of Coliseum Herbicide. The leaves of susceptible plants normally turn yellow, red or purple after several days, followed by necrosis and death of the growing point. Complete plant death generally occurs 2 to 4 weeks after application, depending on the weed species, growing conditions, etc.

For optimum performance avoid mowing for 1 to 2 days prior to and following application.

Mixing & Spray Preparation

Coliseum Herbicide is a water dispersible granule formulation to be mixed with water and applied as a spray. Coliseum Herbicide mixes readily with water. Coliseum Herbicide is rapidly broken down in acidic conditions. DO NOT mix Coliseum Herbicide with acid forming compounds in the spray tank. Test the water source and buffer to neutral if necessary before adding Coliseum Herbicide. This product must be mixed with water and applied by suitable spray equipment.

Add the required amount of Coliseum Herbicide to clean water in half-filled spray tank, begin agitating tank contents vigorously and continue agitation during entire mixing and spraying operation. Allow vigorous bypass agitation to completely disperse product. After adding required quantity of Coliseum Herbicide and obtaining complete dispersion, continue to fill tank to desired level for spraying. Add required quantity of non-ionic surfactant. Thorough agitation (preferably mechanical) of the spray liquid is essential during the addition of the product and during the entire spraying operation.

In tank mixes, Coliseum Herbicide must be in suspension before adding the companion herbicide or surfactant.

Application

Use a sprayer properly calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern. Avoid overlapping and shut off spray booms or nozzles while starting, turning, slowing or stopping. Best results are achieved with water volumes of 400 L/ha.

Application Records

Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and keep this record for a minimum of 2 years. The spray application details to be recorded are:

1. Date, with start and finish times of application
2. Location / address of area(s) sprayed
3. Full name of the product, product batch number (BN) and date of manufacture (DOM)
4. Amount of product used per hectare and the number of hectares treated
5. Turf species/situation and weed/pest
6. Wind speed and direction during application
7. Air temperature and relative humidity during application
8. Spray irrigation or rainfall after application, start time, duration and amount (mm)
9. Equipment used; nozzle brand, type, spray angle, operating pressure and total water volume applied per hectare
10. Name of person applying this product

(Additional record details may be required by the State or Territory where this product is used.)

Crop Safety

Crop stress factors that occur during, prior to, or after the application may cause, temporary chlorosis (lime green colour) to occur. Symptoms usually disappear within 5 to 15 days. Drought, frost, cold temperatures, high temperatures, or extreme temperature variations can be stress factors. To minimise the potential for temporary chlorosis, it is recommended that Coliseum Herbicide be applied only if there have been at least 3 successive days of sunny weather prior to application.

Turf species/cultivars may differ in their response to various herbicides. When using Coliseum Herbicide for the first time on a particular species/cultivar, limit the initial use to a small area. If no symptoms of injury occur 7 days after treatment, the balance of the area can be treated.

Tracking

Lateral movement and tracking have been observed in heavier clay soils. These problems can be significantly reduced by short irrigation cycles, 1 hour after application and again if dew is present the following morning. These irrigation cycles should be applied prior to foot or machinery or equivalent traffic through treated areas.

Plantback Period

Allow at least 10 days between the last application and over-seeding with cool season grasses for winter cover.

Compatibility

To avoid hydrolysis, Coliseum Herbicide needs the spray tank water to be pH 7 or above. Coliseum Herbicide is rapidly broken down in acidic conditions.

Avoid tank mix partners that have potential to acidify the mixture (i.e. some fertilisers).

DO NOT mix with products or fertiliser with high salt content, i.e. ferrous sulphate or ammonium sulphate.

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).

Coliseum Herbicide is compatible with synthetic pyrethroid insecticides. DO NOT mix Coliseum Herbicide with organophosphate insecticides, or fungicides. Allow 7 days between application of Coliseum Herbicide and a treatment using these products.

Sprayer Cleanup

To avoid subsequent injury to crops immediately after spraying thoroughly remove all traces of Coliseum Herbicide from mixing and spray equipment. This is best conducted using a specialist spray equipment-cleaning product.

Spray Equipment Cleaning is only effective if the cleaning solution comes into contact with every surface or contact point that may contain even minute sulfonylurea herbicide residues. In some sprayers, this may not be physically possible and hence it may be advisable to use a different sprayer that has not been used to spray sulfonylurea herbicides, when spraying sensitive crops or turf species.

RESISTANT WEEDS WARNING

GROUP	2	HERBICIDE
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Coliseum Herbicide is a member of the sulfonylurea group of herbicides. Coliseum Herbicide has the inhibitor of acetolactate synthase (ALS) mode of action. For weed resistance management Coliseum Herbicide is a Group 2 herbicide.

Some naturally occurring weed biotypes resistant to Coliseum 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 Coliseum Herbicide or 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 failure of Coliseum Herbicide to control resistant weeds.

PRECAUTIONS

Re-Entry Period

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

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

This product may cause injury to or loss of trees and other vegetation, including aquatic plants.

DO NOT apply spray or drain or flush equipment on or near trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT

This product may affect algae and aquatic plants. DO NOT contaminate any waterway or body of water by spraying, cleaning of equipment or disposal of concentrated product, spray mix or 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

May irritate the eyes. Avoid contact with eyes. When opening the container and preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash contaminated clothing.

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 or from the manufacturer's website: www.turfculture.com.au

CONDITIONS OF SALE

The use of Coliseum 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