

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



Coliseum Herbicide

Active Constituent: 250 g/kg rimsulfuron

For the control of Winter grass (*Poa annua*) and Ryegrass (*Lolium spp.*) in turf

GROUP	B	HERBICIDE
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APVMA Approval No: 613585

Pack Size: 100g

GENERAL INSTRUCTIONS

Turf Culture Coliseum Herbicide is for selective post emergent control of Wintergrass (*Poa annua*) and Ryegrass (*Lolium spp*) in turf. Best results are obtained when Turf Culture Coliseum Herbicide is applied to young actively growing weeds.

Turf Culture Coliseum Herbicide stops growth of susceptible weeds rapidly. However, typical symptoms of dying weeds (chlorosis or discolouration) may not be noticeable for 1 to 3 weeks after application depending on the environmental conditions and susceptibility.

Warm, moist conditions following treatment promote the activity of Turf Culture 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.

Avoid mowing 1-2 days prior to and following application.

RESISTANT WEEDS WARNING

GROUP	B	HERBICIDE
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Turf Culture Coliseum Herbicide is a member of the sulfonylurea group of herbicides. Turf Culture Coliseum Herbicide has the inhibitor of acetolactate synthase (ALS) mode of action. For weed resistance management Turf Culture Coliseum Herbicide is a Group B herbicide. Some naturally occurring weed biotypes resistant to Turf Culture Coliseum Herbicide and other ALS 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 Turf Culture Coliseum Herbicide or other ALS 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 Turf Culture Coliseum Herbicides to control resistant weeds.

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 Turf Culture Coliseum 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 Turf Culture Coliseum 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.

SPRAY PREPARATION

Turf Culture Coliseum Herbicide is a dry flowable formulation to be mixed with water and applied as a spray.

Partially fill the spray tank with water. Using the measuring cone provided, measure the amount of Turf Culture Coliseum Herbicide required for the area to be sprayed. Add the correct amount of Turf Culture Coliseum Herbicide to the spray tank with the agitation system engaged. Top up to the correct volume with water.

THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

In tank mixes, Turf Culture Coliseum Herbicide must be in suspension before adding the companion herbicide or surfactant/wetting agent.
 If water pH is 5.5 or below use a buffer solution to raise the pH to near 7.0. DO NOT mix with acid forming compounds in the spray tank.

COMPATIBILITY

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

USE OF SURFACTANT/WETTING AGENT

Always add non-ionic surfactant (1000 g/L - non buffering type) such as Turf Culture Turfwett at 250 mL/100 L (0.25 % v/v) of final spray volume. The addition of crop oil concentrate may result in crop injury.

GROUND SPRAYING

Use a boom spray 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 while starting, turning, slowing or stopping. Best results are achieved with water volumes of 400L/ha.

DO NOT apply Turf Culture Coliseum by air.

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply to plants wet with rain or dew.
 DO NOT apply if heavy rainfall is expected within 1 hour (See tracking statement below).
 DO NOT apply to weeds that are not actively growing or stressed by any cause such as adverse weather conditions, drought, waterlogging.
 DO NOT store a suspension of Turf Culture Coliseum for more than two days, otherwise significant breakdown may occur.
 DO NOT store tank mixes of Turf Culture Coliseum.
 DO NOT apply where Wintergrass, 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 5cm depth.
 DO NOT use with acidifying agents (i.e. Nufarm LI 700 Surfactant).

SITUATION	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Turf Common Couch Hybrid Couch	Wintergrass / Annual Poa (<i>Poa annua</i>)	75 – 100 g/ha	Ideally apply when weeds are at the 1 -4 leaf stage. Apply lower rate for younger smaller weeds and the higher rates for more mature plants. See TRACKING re use of light irrigation to reduce lateral movement. DO NOT apply more than 2 applications per season. DO NOT re-apply within 6-8 weeks. Allow at least 10 days between the last application and over-seeding with cool season grasses for winter cover. Turf Culture Coliseum Herbicide can be tank mixed with Turf Culture Smackdown Herbicide @ 75mL/ha to increase the speed at which treated weeds develop visible symptoms (compared to results achieved without Smackdown) and hasten the weed death.
	Ryegrass (<i>Lolium spp</i>)	120 g/ha	Ideally apply when weeds are at the 1 - 4 leaf stage. DO NOT apply more than 2 applications per season. DO NOT re-apply within 6-8 weeks. For best results allow Coliseum to remain on the ryegrass leaves for 3 hours.
Always add non-ionic surfactant (1000 g/L – non buffering type) such as Turf Culture Turfwett at 250mL/100 L (0.25 % v/v) of final spray volume. The addition of crop oil concentrate may result in crop injury.			

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

DO NOT USE GRASS CUTTINGS FOR COMPOST FOR 4 WEEKS AFTER APPLICATION

SPRAYER CLEANUP

To avoid subsequent injury to crops immediately after spraying thoroughly remove all traces of Turf Culture Coliseum from mixing and spray equipment. This is best conducted using a specialist boom-cleaning product, such as **Turf Culture Refresh Boom Clean**.

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), chemical resistant gloves and footwear. 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 meteorological conditions or from spraying equipment, which could be expected to cause spray to drift onto adjacent areas, including crops, non-target plants or aquatic areas, as injury may occur.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND 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. Keep away from contact with fertilisers, insecticides, fungicides and seeds. DO NOT re-use container. Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing the spray wear face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash face shield or goggles.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone: Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet (MSDS) that can be obtained from the

supplier or from the manufacturers website:
www.turfculture.com.au

CONDITIONS OF SALE

The use of Turf Culture Coliseum Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Turf Culture Pty Ltd 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 Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.