



## Coliseum Herbicide

For the Post-emergent control of Winter Grass (*Poa annua*) and Ryegrass (*Lolium spp.*) in Common and Hybrid Couch turf

### Technical Brief

<b>Active Ingredients:</b>	250 g/kg rimsulfuron
<b>Chemical Family:</b>	sulfonylurea (Su)
<b>Mode of Action Group:</b>	B
<b>Formulation:</b>	Water Dispersible Granule
<b>Mode of Action:</b>	Inhibitors of acetolactate synthase
<b>Behaviour in Plants:</b>	Absorbed by foliage and roots. It is rapidly translocated and acts by inhibiting acetolactate synthase (ALS), an enzyme necessary for root and shoot growth in sensitive plants.

### Benefits

- Outstanding post emergent control of Winter Grass & Ryegrass
- Excellent Turf Tolerance
- Flexibility to over-sow 10 days after an application
- Does not delay couch spring green-up when applied during dormancy compared to trifloxysulfuron (Monument™)^
- Does not reduce cell elongation & growth compared to trifloxysulfuron (Monument™)^
- Control of Winter Grass & Ryegrass on newly planted couch as early as 5 weeks after planting or seeding, with no phototoxicity or long-term retardation of growth (Note: root depth of the couch at the 5 week stage was measured at 5 cm at the time of application as per label instructions)

^The Sulfonylurea Herbicides: Where Do They Fit in Turfgrasses?  
<http://commodities.caes.uga.edu/turfgrass/georgiaturf/WeedMngt/weedcontrol/TURFSULFONYLUREA.pdf>

### Weed Management

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 higher rate 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.  Coliseum Herbicide can be tank mixed with Turf Culture Smackdown Herbicide @ 75 mL/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 a 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 a crop oil concentrate may result in crop injury.			

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

## How to get the most out of your application

- Apply in 300-400 L water/ha
- ALWAYS add non-ionic surfactant (1000 g/L—non buffering type) at 250mL/100 L (0.25% v/v) of final spray volume.
- DO NOT use with acidifying agents (i.e. LI 700 Surfactant).
- DO NOT add a crop oil concentrate as it may result in turf injury and reduce compatibility in the spray tank.
- In tank mixes, Coliseum Herbicide must be in suspension before adding the companion herbicide or surfactant/wetting agent.
- If spray water is pH 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.

## Mixing and Compatibility

### SPRAY PREPARATION

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 Coliseum Herbicide required for the area to be sprayed. Add the correct amount of 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, 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

Coliseum Herbicide is compatible with synthetic pyrethroid insecticides. DO NOT mix Coliseum Herbicide with organophosphate insecticide or fungicides.

## 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 in product label).
- DO NOT apply to weeds that are not actively growing or are stressed by any cause such as adverse weather conditions, drought, 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 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).

## Packaging

Pack size: 100g

