



Sulfometuron

ACTIVE CONSTITUENT: 750g/kg SULFOMETURON
present as the METHYL ESTER

GROUP B HERBICIDE

A dry flowable herbicide for the control of certain perennial/annual grasses and broadleaf weeds in commercial & industrial areas, around agricultural buildings and Rights of Way



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This leaflet is part of the label
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General Instructions

Generex Sulfometuron is absorbed by plants via foliage and roots and can therefore be used when weeds have emerged (post-emergence) or prior to weed emergence (pre-emergence). Soil moisture is necessary to activate uptake and product sprayed onto dry soils or soils under drought stress will prove less than effective.

Resistant Weeds Warning

Generex Sulfometuron Herbicide is a member of the Sulfonylureas group of herbicides. Generex Sulfometuron has the inhibitor of acetolactate synthase (ALS) mode of action. For weed resistant management Generex Sulfometuron is a Group B Herbicide.

Some naturally-occurring weed biotypes resistant to Generex Sulfometuron and other acetolactate synthase inhibitor 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 Generex Sulfometuron or other acetolactate synthase inhibitor herbicides.

Since the occurrence of resistance weeds is difficult to detect prior to use, Generex Australia Pty. Limited accepts no liability for any losses that may result from the failure of Generex Sulfometuron to control resistant weeds.

Factors effecting breakdown of the product in the soil: -

Factor	Breakdown Rate	
	Faster	Slower
pH Level		
High (alkaline)		X
Low (acid)	X	
Moisture Level		
High	X	
Low		X
Use Rate		
High		X
Low	X	
Organic Matter		
High	X	
Low		X

Use of Wetting Agents / Surfactants

Always add a non-ionic wetting agent/surfactant at the rate of 0.25% v/v of 100% active product if Generex Sulfometuron is used alone. If Generex Sulfometuron is used in a tank mix with Glyphosate which already contains a wetting agent, then no wetting agent is required.

Application Equipment

(only Ground Boom and Handgun / Knapsack are recommended)

Boom Equipment

Apply product(s) in a minimum of 50 litres of water per sprayed hectare. Calibrate equipment to a suitable constant working speed.

Knapsack / Handgun

Apply product(s) in 1000 - 2000 litres of water per spray hectare ensuring wetting to point of run off.

NB: Spray equipment should be dedicated to non crop activities to avoid residues effecting desirable plants in other spray activities.

Spray Tank Preparation

Having established the rate of product per ha required by referring to the preceding instructions:

1. Establish what area the spray tank will cover based on a minimum of 50 litres of water per hectare.
2. When this is done measure out the correct amount of product to go in the spray tank by pouring the "sand like" formulation into the measuring cylinder which is calibrated in grams. Tap the side of the cylinder, so that product settles with a level surface.
3. Partially fill the spray tank and engage agitator.
4. Add the measured amount of product to the tank.
5. Add the rest of the water to bring up to correct volume. Keep the agitator running.

- NB:**
- Only use the calibration cylinder provided to measure this product.
 - Do not use a wetting agent if product is being mixed with products that already have a wetting agent incorporated in their formulation.
 - If mixing with other products ensure the Generex Sulfometuron is in suspension prior to the other product being added.
 - Thoroughly reagitator if for some reason the spray mix has been allowed to stand.

Sprayer Clean - up Procedures (after use)

Traces of chemical left in the spray tank after spraying has been completed could contaminate subsequent spray mixtures and cause injury to crops or other desirable species.

To avoid this happening, either use the spray equipment for the sole use of Sulfometuron or carry out the following procedure as soon as spraying is completed:-

- Drain tank.
- Flush tank, boom and hoses for at least 10 minutes with clean water.
- Fill tank with clean water.
- Add 300ml of chlorine bleach (4% chlorine) per 100 litres of water.

- Flush through boom and hoses and allow to sit for 15 minutes with agitator running.
- Drain tank.
- Repeat c, d, e, f.
- Remove nozzles and screens and clean separately.
- To remove traces of the chlorine bleach, rinse tank thoroughly with clean water and flush through hoses and boom.

WARNING:

Chlorine bleach should not be used in the presence of Ammonia, as the mixture will release a gas with a chlorine odour, which can irritate eyes, nose, throat and lungs.

Directions For Use

Restraints

- Do not** spray Generex Sulfometuron via aerial applications, gas guns or mist blowers.
- Do not** store a suspension of Generex Sulfometuron for longer than 2 days as it may degrade, particularly in acid solutions. Do not store in mixtures with other products as a spray solution for more than 1 day.
- Do not** spray Generex Sulfometuron onto any area where water movement may carry product to off target areas e.g. drainage ditches and channels.
- Do not** spray Generex Sulfometuron during heavy rain or during periods when heavy rain is forecast.
- Do not** apply to or spray on soils saturated with water.

All States

Situation	Weeds Controlled	Application Rate			Critical Comments
		Knapsack g/15L	Handgun g/100L	Boomspray g/ha	
Commercial & Industrial areas around Agricultural buildings and Right of Way	Annuals - (Easy to kill)				
	Annual Ryegrass (<i>Lolium rigidum</i>)	3 or 6	20 or 40	200 or 400	<ul style="list-style-type: none">The addition of Glyphosate to tank mixes at Glyphosate label rates is recommended if weeds are beyond the 4 leaf stage or if a quick knockdown is needed.If long-term residual activity is needed and/or weed stands are dense and weeds larger than 15cm; both in terms of diameter or height, then the higher rate is recommended in a tank mix with Glyphosate at its label rates.When using a Knapsack or Handgun to apply the product, ensure foliage is wetted. Wetting to run off will lead to a greater accumulation of product in the soil and longer residual control.Add surfactant unless tank mixes with Glyphosate are to be used, in which case no surfactant is needed.For longer-term control use higher rate.To avoid runoff when spraying roadsides, only spray the area between road edge and road shoulder.Always add Glyphosate. Always use at its labelled rate.For longer term control use higher rate.If long-term residual activity and/or weed stands are dense and weeds are larger than 15cm in diameter or height, the higher rate is recommended in a tank mix with Glyphosate at its label rates.When using a knapsack or handgun to apply the product ensure foliage is wetted. Wetting to runoff will lead to a greater accumulation of product in the soil and longer residual control.To avoid runoff when spraying roadsides, only spray the area between road edge and road shoulder.
	Barnyard Grass (<i>Echinochloa spp.</i>)	3 or 6	20 or 40	200 or 400	
	Capeweed (<i>Arctotheca calendula</i>)	3 or 6	20 or 40	200 or 400	
	Clover - Sub (<i>Trifolium subterraneum</i>)	3 or 6	20 or 40	200 or 400	
	Erodium (<i>Erodium spp.</i>)	3 or 6	20 or 40	200 or 400	
	Paterson's Curse/Salvation Jane (<i>Echium plantagineum</i>)	3 or 6	20 or 40	200 or 400	
	Turnip Weed (<i>Rapistrum rugosum</i>)	3 or 6	20 or 40	200 or 400	
	Summer Grass/Crabgrass	3 or 6	20 or 40	200 or 400	
	Wild Oats (<i>Avena fatua</i>)	3 or 6	20 or 40	200 or 400	
	Winter Grass (<i>Poa annua</i>)	3 or 6	20 or 40	200 or 400	
	Perennials - (Easy to kill)				
	Clover - White (<i>Trifolium albus</i>)	3 or 6	20 or 40	200 or 400	
	Dandelion (<i>Taraxacum officinale</i>)	3 or 6	20 or 40	200 or 400	
	Dock (<i>Rumex obtusifolius</i>)	3 or 6	20 or 40	200 or 400	
	Prairie Grass (<i>Stipa brachychaeta</i>)	3 or 6	20 or 40	200 or 400	
	Perennials - (Hard to kill)				
	Couch Grass (<i>Cynodon dactylon</i>)	6 or 12	40 or 80	400 or 800	
	Guinea Grass (<i>Panicum maximum</i>)	6 or 12	40 or 80	400 or 800	
Johnson Grass (<i>Sorghum halepense</i>)	6 or 12	40 or 80	400 or 800		
Kikuyu Grass (<i>Pennisetum clandestinum</i>)	6 or 12	40 or 80	400 or 800		
Love Grass - African (<i>Eragrostis curvula</i>)	6 or 12	40 or 80	400 or 800		
Paspalum (<i>Paspalum dilatatum</i>)	6 or 12	40 or 80	400 or 800		
Phalaris (<i>Phalaris aquatica</i>)	6 or 12	40 or 80	400 or 800		
Annuals - (Hard to kill)					
Rat's Tail Grass (<i>Sporobolus africanus</i>)	3 or 6	20 or 40	200 or 400		
Speargrass (<i>Cirium vulgare</i>)	3 or 6	20 or 40	200 or 400		

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