



Eliminate Herbicide

For the soil residual control of certain perennial/annual grasses and broadleaf weeds in commercial and industrial areas, around agricultural buildings and rights of way

Technical Brief

Active Ingredient:	750 g/kg sulfometuron-methyl
Chemical Family:	sulfonylureas (SUs)
Mode of Action Group:	B
Formulation:	Water Dispersible Granule
Mode of Action:	Inhibitors of acetolactate synthase (ALS inhibitors)
Behaviour in Plants:	Sulfometuron-methyl is quickly absorbed by foliage and roots and moves rapidly throughout the plant. Warm, moist conditions following application accelerate herbicidal activity while cold, dry conditions delay activity. Weeds hardened off by drought stress are less susceptible to sulfometuron-methyl. Sulfometuron-methyl kills plants by stopping the division of growing cells, particularly cells in the tips of plant roots. Sulfometuron-methyl inhibits the activity of an enzyme called acetolactate synthase (ALS), particularly in growing tips, roots, and shoots. Pre-emergence treatments control weeds through root uptake and post-emergence treatments control via root and foliar uptake. Best results are seen when applications are made prior to or during early weed development, before root systems are established.

Benefits

- Soil residual herbicide with some knockdown action
- Cost effective soil residual weed control
- Low Poison Scheduling (S5)
- Effective residual activity on a common range of weeds
- Suited to commercial and industrial areas, rights-of-way including roadsides, around guideposts, railways, power lines and telephone lines

How to get the most out of your application

Boom Spray

Eliminate Herbicide is recommended for application by ground spraying equipment only. Use a boom spray (or off-centre nozzle if necessary) properly calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern and rate of application over the area to be treated. Apply a minimum of 50 L prepared spray/ha.

Handgun/Knapsack

Wet the foliage of the weeds present but not excessively so as to cause run-off. Handgun - Use 1000-2000 litres of spray mix per hectare. Eliminate Herbicide residues in the spray tank can damage sensitive plants. Following an Eliminate Herbicide application the spray tank should not be used for other than non-crop applications.

Mixing and Compatibility

MIXING

Spray Preparation

Eliminate Herbicide is a water dispersible granule formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Add the correct amount of Eliminate 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, Eliminate Herbicide must be in suspension before adding the companion herbicide or surfactant. Where prepared spray solutions have been allowed to stand, thoroughly re-agitate before using.

Use of Surfactant

Always add a 1000g/L non-ionic surfactant at the rate of 0.25% v/v (at 250 mL/100 L) when Eliminate Herbicide is used alone. When Eliminate Herbicide is tank mixed with glyphosate herbicide, no surfactant addition is necessary.

COMPATIBILITY

Eliminate Herbicide is compatible with diuron, bromacil, Kromac[®], glyphosate and Hexmac[®].

Weed Management

Restraints

DO NOT apply Eliminate Herbicide to drainage ditches and channels.

DO NOT apply Eliminate Herbicide during periods of intense rainfall, or to soils saturated with water, as off-target movement may occur.

DO NOT store tank mixes of Eliminate Herbicide with other materials for more than 24 hours as product breakdown may occur.

DO NOT store a suspension of Eliminate Herbicide for more than 2 days as it may degrade, particularly in acid solutions.

FOR ALL STATES

Situation	Weeds	Rate			Critical Comments
		Boom g/ha	Handgun g/100L	Knap-sack g/15L	
Commercial & Industrial Areas, around Agricultural buildings, Rights-of-Way including roadsides, around guideposts, railways, power lines and telephone lines.	Easy-to-kill Annual Weeds Grasses - Annual Ryegrass, Barnyard grass, Summer grass/Crab grass, Wild Oats, and Winter grass. Broadleaf - Blue Billygoat Weed, Capeweed, Corkscrew/Erodium, Paterson's Curse/Salvation Jane, Subterranean Clover and Turnip Weed Easy-to-Kill Perennial Weeds Grasses – Prairie grass Broadleaf - Dandelion, Dock, White Clove	200 or 400	20 or 40	3 or 6	<p>For roadside applications confine treatment to the area between the edge of the bitumen and the roadside shoulder. For weeds advanced beyond the 4-leaf stage or when more rapid knockdown is required, tank mix with glyphosate herbicide in accordance with its label recommendations. Always add a surfactant - except when tank mixing with Glyphosate Herbicide.</p> <p>Use the higher rate for longer-term residual control. Use the higher rate plus glyphosate herbicide (in accordance with its label recommendations), for dense weed infestations and where weeds are greater than 15 cm in height or diameter. For handgun or knapsack application, apply the spray evenly to the required area. Spray to wet the foliage of the weeds present, but not excessively so as to cause run-off. Over application may reduce knockdown results and significantly increase period of residual control.</p>
	Hard-to-kill Annual Weeds Grasses - Rat's Tail Fescue, Squirrel Tail Fescue. Broadleaf - Black Thistle/Spear Thistle Hard-to-Kill Perennial Weeds Grasses - African Lovegrass, Columbus grass, Couch, Elastic grass, Guinea grass, Johnson grass, Kikuyu, Paspalum and Phalaris.	400 or 800	40 or 80	6 or 12	

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED



Packaging

Pack size: 1kg



Eliminate Herbicide

Innovative & Professional Products

www.cropculture.com.au