

blank page

blank page

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

Apparent 

Shatter 750 WG

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg SULFOMETURON METHYL

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.
IMPORTANT: Read this booklet before use.

APVMA Approval No: 68313/102514

APPARENT PTY LTD A.C.N. 143 724 136
Suite G.08 | 762 Toorak Road, Hawthorn East VIC 3123 Australia
T +61 3 9822 1321 F +61 3 9817 7845 E enquiries@apparentag.com.au www.apparentag.com.au

213

DIRECTIONS FOR USE**RESTRAINTS:**

DO NOT spray Apparent Shatter 750 WG Herbicide via aerial application, gas guns or mist blowers.

DO NOT store a suspension of Apparent Shatter 750 WG Herbicide 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 Apparent Shatter 750 WG Herbicide onto any area where water movement may carry product to off target areas e.g. drainage ditches and channels.

DO NOT spray Apparent Shatter 750 WG Herbicide 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 Rates		
		Knapsack g/15 L	Handgun g/100 L	Boom g/ha
Commercial & Industrial Areas around Agricultural buildings and Right of Way Commercial & Industrial Areas around Agricultural buildings and Right of Way	Annuals (Easy to Kill) Annual Ryegrass (<i>Lolium rigidum</i>), Barnyard Grass (<i>Echinochloa</i> spp), Capeweed (<i>Arctotheca calendula</i>), Clover Sub (<i>Trifolium subterraneum</i>), Erodium (<i>Erodium</i> spp), Paterson's Curse/Salvation Jane (<i>Echium plantagineum</i>), Turnip Weed (<i>Rapistrum rugosum</i>), Summer Grass/Crabgrass, Wild Oats (<i>Avenataua</i>), 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>), Dandelion (<i>Taraxacum officinale</i>), Dock (<i>Rumex obtusifolius</i>), Prairie Grass (<i>Stipabrachychaeta</i>)	3 or 6	20 or 40	200 or 400
	Perennials (Hard to Kill) Couch Grass (<i>Cynodon dactylon</i>), Guinea Grass (<i>Panicum maximum</i>), Johnson Grass (<i>Sorghum halepense</i>), Kikuyu Grass (<i>Pennisetum claudistinum</i>), Love Grass African (<i>Eragrostis curvula</i>), Paspalum (<i>Paspalum dilatatum</i>), 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>), Spear Thistle (<i>Cirsium vulgare</i>)	3 or 6	20 or 40	200 or 400

Critical Comments
<p>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.</p> <p>If long-term residual activity and/or weed stands are dense and weeds are larger than 15 cm in diameter or height, the higher rate is recommended in a tank mix with Glyphosate at its label rates.</p> <p>When using a Knapsack or Handgun to apply the product, ensure the foliage is wetted. Wetting to runoff will lead to a greater accumulation of product in the soil and longer residual control.</p> <p>Add surfactant unless tank mixes with Glyphosate are to be used, in which case no surfactant is needed.</p> <p>For longer term control use higher rate.</p> <p>To avoid runoff when spraying roadsides, only spray area between road edge and road shoulder.</p>
<p>Always add Glyphosate. Always use at its labeled rate.</p> <p>For longer term control use higher rate.</p> <p>If long-term residual activity and/or weed stands are dense and weeds are larger than 15 cm in diameter or height, the higher rate is recommended in a tank mix with Glyphosate at its label rates.</p> <p>When using a Knapsack or Handgun to apply the product, ensure the foliage is wetted. Wetting to runoff will lead to a greater accumulation of product in the soil and longer residual control.</p> <p>To avoid runoff when spraying roadsides, only spray area between road edge and road shoulder.</p>

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

GENERAL INSTRUCTIONS

Apparent Shatter 750 WG Herbicide 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

GROUP B HERBICIDE

Apparent Shatter 750 WG Herbicide is a member of the Sulfonylureas group of herbicides. Apparent Shatter 750 WG Herbicide has the inhibitor of acetolactate synthase (ALS) mode of action. For weed resistance management, Apparent Shatter 750 WG Herbicide is a Group B herbicide.

Some naturally-occurring weed biotypes resistant to Apparent Shatter 750 WG Herbicide and other Group B 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 weeds will not be controlled by Apparent Shatter 750 WG Herbicide or other Group B herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from failure of Apparent Shatter 750 WG Herbicide to control resistant weeds.

Factors affecting 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 Apparent Shatter 750 WG Herbicide is used alone. If Apparent Shatter 750 WG Herbicide 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 in 1000 – 2000 litres of water per sprayed hectare ensuring wetting to point of runoff.

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/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 Apparent Shatter 750 WG Herbicide is in suspension prior to the other product being added.

Thoroughly re-agitate 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 and other desirable species.

To avoid this happening, either use the spray equipment for the sole use of Apparent Shatter 750 WG Herbicide or carry out the following procedure as soon as spraying is completed:

- a. Drain tank
- b. Flush tank, boom and hoses for at least 10 minutes with clean water.
- c. Fill tank with clean water.
- d. Add 300 mL of chlorine bleach (4% chlorine) per 100 litres of water.
- e. Flush through boom and hoses and allow to sit for 15 minutes with agitator running.
- f. Drain tank.
- g. Repeat c,d,e,f.
- h. Remove nozzles and screens and clean separately.

- i. To remove traces of the chlorine beach, 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.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT use under meteorological conditions or from spraying equipment, which could be expected to cause drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. As desirable plants could be affected by root uptake ensure that any emptying, draining or flushing operations are not carried out in the vicinity of such plants.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical 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 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

Will irritate the nose and throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. If product in eyes, wash it out immediately with water. When opening the container and preparing product for use wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves, goggles and half facepiece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. Wash hands after use. After each days use, wash gloves, goggles and respirator and if rubber wash with detergent and warm water contaminated clothing.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26. For further information refer to Material Safety Data Sheet.

Material Safety Data Sheet

Additional information is listed in the Material Safety Data Sheet which is available from the supplier.

CONDITION OF SALE

The use of Apparent Shatter 750 WG Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent 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 Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.