

POISON

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

SMACK

WATER SOLUBLE

HERBICIDE

ACTIVE CONSTITUENT: 745 g/L FLUPROPANATE
(present as sodium salt)

GROUP J HERBICIDE

*A component of integrated management of Serrated Tussock & certain
other grasses as per the directions for use table*

1,5,10,20,110,200 litres

CHEMAG PTY LTD Suite 11, 11 Preston Street Como, WA 6152

GENERAL INSTRUCTIONS

Resistant Weed Warning

SMACK Water-Soluble Herbicide (SMACK) is a member of the alkanolic acid group of herbicides. SMACK has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistant management SMACK is a Group J herbicide. Some naturally occurring weed biotypes resistant to SMACK and other inhibitors of fat synthesis mode of action herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are repeatedly used. SMACK or other inhibitors of fat synthesis mode of action herbicides will not control these resistant weeds.

Since the occurrence of resistant weeds is difficult to detect prior to use, ChemAg Pty Ltd accepts no responsibility for any losses that may result from the failure of SMACK to control resistant weeds.

Important:

- This product is very slow acting and control of existing growth will take 3-12 months depending on weather conditions and senescence of plant foliage.
- The actual length of satisfactory residual control will depend on soil type and rainfall until regeneration occurs from grass seed or surviving rhizomes.
- SMACK is liable to leaching and movement in the soil under heavy rainfall or irrigation and dry conditions favour its retention in the soil.
- Avoid use in channels and drains and where roots of desirable plants may extend; and in other situations where plants grow close to the treated area.
- Control of grasses growing in shaded conditions may be reduced.
- Subterranean clover and other annual legumes may be damaged by this product if exposed to the spray or if they germinate before residues have dissipated from the soil. Do not treat pasture land with this product more than once a year.

Mixing

This product is highly water-soluble and the required amount can be added direct to the spray tank while stirring or with the agitator running. When used in mixtures with dispersible powders, first make a slurry of the powder in a small quantity of water, add this to the half filled spray tank with the agitator running, and then add the required quantity of product and continue filling until the spray tank is full. Maintain good agitation during application.

Wetting Agent

Addition of 100mL of a non-ionic surfactant per 100 litres of spray is recommended.

Compatibility

Tank Mix treatments

Must not be tank mixed with chemicals other than Glyphosate. For more rapid knockdown glyphosate may be added in accordance with this label. Where broadleaf weeds must also be removed check with your district agricultural officer regarding suitable herbicides.

Application

- Boomspray equipment needs to be accurately calibrated to deliver required spray volume and nozzles checked to ensure uniform spray pattern.
- For aerial application in more difficult country, for example, where steep slopes and/or large trees are present use higher water volumes, anti-drift additives and coarser droplets. Minimum water volume of 40 litres per ha is recommended.

Paddock Preparation

Graze desirable species prior to spraying to prevent them covering weeds.

Re-seeding

Desirable pasture species such as phalaris, cocksfoot, ryegrass, red and white clovers, subterranean clovers and Lucerne may be sown after at least 100 mm of leaching rain has fallen

Cleaning Up

Equipment should be cleaned after use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

- Do not apply under weather conditions or from spraying equipment, which may cause spray to drift onto susceptible plants/crops, cropping land or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS, AND ENVIRONMENT.

- Do not contaminate streams, dams or waterways with the chemical or used containers.

STORAGE & DISPOSAL

Store in the closed, original container in a well-ventilated room as cool as possible and away from children, animals, food, feedstuffs, seeds and fertilisers. Do NOT store for prolonged periods in direct sunlight. Triple rinse 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, puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically set up for this purpose clear of waterways, dams, vegetation and roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Do not inhale spray mist. When preparing the spray wear elbow-length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurring contact a medical practitioner or Poisons Information Centre (telephone: 131126)
If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

MATERIAL SAFETY DATA SHEET (MSDS)

Additional information is listed in the MSDS, which is available from the supplier.

CONDITIONS OF SALE

ChemAg Pty Ltd will not accept any responsibility whatsoever and however arising, whether consequential loss or otherwise, in connection with the supply of these goods other than responsibility for the merchantable quality of the product and such responsibilities imposed by statute. Liability is restricted to the replacement of the product.

IN A TRANSPORT EMERGENCY:

Dial 000

DIRECTIONS FOR USE

Restraints:

- Do NOT apply this product to steeply sloping sites when applying rates in excess of 3 litres/ha
- Do NOT allow spray drift onto susceptible crops and ornamentals
- Do NOT spray near desirable susceptible trees. Damage to seedling trees is possible.
- Do NOT apply in dry winters, severe droughts or to weeds retarded by burning.

Crop/ Situation	Weeds Controlled	States	Rate			Critical Comments
			Ground per ha	Air per ha	Spot spraying per 100L	
Industrial Use	Paspalum (Paspalum Dilatum)	Tas, WA, SA & Vic Only	9L	-	500mL	Apply to existing growth during November to February inclusive. Apply the recommended rate of SMACK in 800-2000L of water per ha. Ensure that The spray completely wets all leaf surfaces. Spot spraying – Spray thoroughly to ensure run-off.
	Kikuya Grass (Pennisetum Clandestinum)					
	Couch (cynodon dactylon)					
	African Feathergrass (Pennisetum Macrourum)	Tas Only	9L	-	-	
Pastures And non-Crop situations	Serrated tussock	Vic & Tas only	2L	2L	200mL	Apply during November to February inclusive. Graze to Reduce cover of desirable species before spraying. Desirable Pasture species such as phalaris, cocksfoot, ryegrass, red and White clovers, subterranean clovers and lucerne must not be Sown until at least 100mm of leaching rain has fallen. If Drought conditions prevail defer sowing until next season. Spot spraying – Spray to run-off at any time from spring Through to autumn but observe above precautions on Reseeding. Application volumes: Pastures Aerial: 40-80L water Per Ha. Ground boom spray: 150L water per Ha. Spot spraying: NSW & Qld: 1000L/Ha or for a 15L knapsack treat 150m2
	Serrated tussock	Qld & NSW Only	2L	2L	200mL	
	Parramatta Grass					
	African Love Grass	NSW Only	3L	-	300mL	
		Vic Only				
Rats Tail grasses	Qld Only	2L	-	200mL	Spray to run -off	

Crop/ Situation	Weeds Controlled	States	Rate			Critical Comments
			Per ha	Per 100 L	Knapsack (15L)	
Non-crop Situation	Paspalum	Qld & NSW Only	9L	500mL	75mL	For optimum results apply during active growth, preferably from November to April. Apply in 800-2000L/water per ha. Spray must completely wet all leaf surfaces. The Addition of wetting agent is recommended. Johnson grass: Spray when actively growing and not less than 30-50cm high. Use 12L in winter rainfall areas is below 80cm per annum. Use 18-22L in summer rainfall Area or where rainfall exceeds 80cm per annum. Follow up spraying may be required In following season. Spot Spraying: Spray thoroughly to run-off with the recommended dilution rates.
	Couch					
	Johnson grass		12-22L	1L	200mL	
	Kikuya grass	Qld Only	9L	500mL	75mL	
	Columbus grass	NSW only	12-22L	1L	200mL	
<p>Note: The optimum timing of SMACK application to avoid damage to desirable pasture species and/or to allow "SMACK" residues to be leached from the soil prior to Autumn re-seeding is the period November to February inclusive. Precautions on re-seeding and protection of pasture legumes must be observed.</p>						

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

WITHHOLDING PERIODS.

AREAS RECEIVING BLANKET TREATMENT (THAT IS, TREATMENT OTHER THAN SPOT SPRAYING) ARE NOT TO BE GRAZED OR CUT FOR STOCK FOOD FOR AT LEAST 4 MONTHS AFTER SPRAYING.

AREAS RECEIVING SPOT SPRAY TREATMENT ARE NOT TO BE GRAZED OR CUT FOR STOCK FOOD FOR AT LEAST 14 DAYS AFTER SPRAYING.

STOCK IS NOT TO BE GRAZED IN "SMACK" TREATED AREAS FOR AT LEAST 14 DAYS PRIOR TO SLAUGHTER.

LACTATING COWS OR GOATS MUST NOT BE GRAZED IN "SMACK" TREATED AREAS.