

# MUSCLE-UP<sup>®</sup>

## 500 SG



Reg. No. L7641 • Act No. 36 of 1947

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### HRAC HERBICIDE GROUP CODE G

**A water-soluble granule, non-selective systemic herbicide with little or no soil activity, for use as a post-emergent treatment on annual and perennial weeds**

#### Active Ingredient

Glyphosate (glycine)	500 g/kg
(Glyphosate sodium salt)	588 g/kg



**Registered and Distributed by:**  
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Content • Batch number • Manufacture date

MUSCLE UP 500 SG 01/2015



CAUTION



For optimum efficacy this product **MUST** be used in combination with \*POWER-UP®, Reg. No. L6463, Act 36 of 1947

**DIRECTIONS FOR USE:**  
FOR DIFFICULT CONTROLLABLE PERENNIAL WEED, SEDGES AND GRASSES

**CONTROL OF PERENNIAL WEEDS:**

NOXIOUS WEEDS	Dosage Rate		REMARKS
	Per Ha	PER 100ℓ WATER	
<b>Red Sesbania</b> <i>Sesbania punicea</i>	2,2 kg	11,5 kg 1,5 – 2,0 kg	<b>Seedling plants less than 1 m high:</b> Use 1,5 % solution. <b>Tall shrubs:</b> Slash, spray re-growth with 1,5 – 2 % solution at 1 m high.
<b>Bugweed</b> <i>Solanum mauritianum</i>	1,5 kg	1,5 kg 0,5 kg	Apply in spring or summer. <b>Large trees:</b> Cut to 50 cm, allow new growth of at least 50 cm before application. <b>Saplings:</b> Apply directly to foliage.

**CONTROL OF PERENNIAL SEDGES:**

SEDGES	Dosage Rate		REMARKS
	Per Ha	PER 100ℓ WATER	
<b>Yellow nutsedge</b> <i>Cyperus esculentus</i>	4,3 kg	-	Apply in summer at pre-flowering stage. If re-growth occurs, spray with 1,5 % solution or 2,2 kg/ha.
<b>Purple nutsedge</b> <i>Cyperus rotundus</i>	4,3 kg	-	The best results will be obtained when applied in February/March.

**CONTROL OF PERENNIAL GRASSES:**

GRASSES	Dosage Rate		REMARKS
	Per Ha	PER 100ℓ WATER	
<b>Common couch</b> <i>Cynodon dactylon</i>	4,3 kg 6,5 kg	-	<b>Summer rainfall area:</b> Apply to actively growing grasses in autumn or summer. If re-growth occurs, spray with 2,5 % solution. <b>Winter rainfall area:</b> As above in autumn.
<b>Weeping love grass</b> <i>Eragrostis curvula</i>	2,2 kg	1,5 kg	Apply to actively growing grasses in autumn or summer.
<b>Common paspalum</b> <i>Paspalum dilatatum</i>	4,3 kg	3,0 kg	Apply in summer at flower, but before seed drop. If re-growth occurs, spray with 1,5% solution.
<b>Couch paspalum</b> <i>Paspalum paspaloides</i>	5,8 – 6,5 kg	-	Apply in summer at flowering but before seed drop. If re-growth occurs, spray with 2 % solution or 2,9 kg/ha. Apply the higher rate in the winter rainfall area.
<b>Common buffalo grass</b> <i>Panicum maximum</i>	4,3 kg	3,0 kg	Apply to actively growing grasses in the early growth stage. If re-growth occurs, spray with 1,5 % solution.
<b>Kikuyu</b> <i>Pennisetum clandestinum</i>	2,9 kg	1,5 kg	Apply in summer to actively growing grasses. If re-growth occurs, spray with 1,5 % solution.
<b>Bush buffalo grass</b> <i>Setaria megaphylla</i>	4,3 kg	3,0 kg	Apply to actively growing grasses in autumn or summer. If re-growth occurs, spray with 1,5 % solution.
<b>Johnson grass</b> <i>Sorghum halepense</i>	2,9 kg	2,0 kg	Apply in summer or autumn. If re-growth occurs, spray with 1,5 % solution.
<b>Common wild sorghum</b> <i>Sorghum verticilliflorum</i>	1,5 kg	1,5 kg	Apply to actively growing grasses in summer or autumn.