



THE
BUFF
RANGE

Potassium Silicate

Targeted Nutrition for Turf

5 L



Potassium Silicate

RANGE

Contains: 31% SiO₂ +22% K₂O (w/v) Treats: 10000–20000 m²

A super-concentrated form of silicate. Potassium silicate is a readily absorbable and stable plant available form of silicon deposited in cell walls where it increases turgidity making cells more resilient to environmental stress, pests and turf diseases and improves stimp speeds. Silicon is one of the most abundant chemical elements in any soil but the vast majority is not available to plants. Therefore addition of Potassium Silicate to crops can have a dramatically positive effect on growth and health.

The Silicon: Carbon ratio is extremely important in a grasses ability to fight off pests. Silicon treatments are protective, not curative, so need to be applied before the plant becomes stressed/attacked.

Application:

Apply at a rate of 2.5 - 5 litres per hectare in 200 litres of water.

Apply evenly, avoid overlapping or missing areas, using a suitable calibrated sprayer.

If there is no rain within 2 days of application irrigate the treated area thoroughly.

Do not apply in hot, dry weather or frosty conditions. Half fill the sprayer with clean water. Add concentrate as required and mix thoroughly whilst adding remaining water.

Ingredient	Oxide Value	Elemental Value
Total Nitrogen (N)		0.00%
Phosphorus Pentoxide (P ₂ O ₅)	0.00%	0.00% P
Potassium Oxide (K ₂ O)	22.00%	18.26% K
Silicate (SiO ₂)	31.00%	14.49% Si
Specific Gravity	1.53	
pH	>10	

Manufactured without the use of chlorides



Danger

Causes serious eye damage.

May cause respiratory irritation.

Causes skin irritation.

Do not breathe mist/vapours/spray.

Wear protective gloves / eye protection / face protection.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Product contains: Silicic acid, potassium salt

