



# SIMPLOT HIGH K LIQUID

30% Organic Potassium

SIMPLOT HIGH K LIQUID is a 30% potassium in an organic citrate form, providing major advantages over inorganic salts. Simplot HIGH K Liquid contains no nitrogen, chlorides or sulphur. The citrate molecule, found in turf, is immediately absorbed, then is quickly converted to carbohydrates. Potassium will increase strength, improve plant health and add colour.

Potassium plays an important role in:

- Carbohydrate synthesis and translocation
- Amino acid and protein synthesis
- Protection against disease
- Turgidity of plant cells.
- Regulating respiration.
- Increased drought protection
- Reducing wear in high traffic situations

Potassium affects the way a turf hardens off for the winter. Turfgrass deficient in potassium may suffer greater amounts of injury than turf grown with adequate potassium levels. This is all because of way the potassium helps the plant regulate the movement of water into and out of its cells. Potassium is essential in regulating the osmotic activity and turgidity of cells, important for stomata control. Higher concentrations of potassium will toughen, harden and make turf more durable as water will not fill the cells and make the turf soft.

Simplot High K Liquid contains no Nitrogen, so management of vigor and growth can be better controlled. The supply of potassium in high concentration fits perfectly into the standards required for premium quality turf.

## DIRECTIONS FOR USE: TURF

Rate: 200 - 400 mL / 100 m<sup>2</sup>

## APPLICATION NOTES:

Water Ratio: 1 : 50 - 100

Apply to strengthen and add colour. Also to assists as frost guard.

## PRODUCT ANALYSIS

		w/v%
Potassium	(K) as Citrate	30.0

## PRODUCT SPECIFICATIONS

S.G:	1.42
pH (Neat):	7.5 - 8.5
Appearance:	Clear liquid
Shelf Life:	3 years

## AVAILABLE PACK SIZES & WEIGHTS

5 Litre:	7.3
20 Litre:	29.4
200 Litre:	293.5
1000 Litre:	1500.0