



Helping your turf grass Kope with stress

Kope is a high analysis liquid potassium (K) fertiliser for use when K is deficient. Kope also assists turfgrass in coping with high stress conditions.

ANALYSIS

0-0-30% Potassium (K) as a Citrate Complex

The potassium is present as a citrate complex giving a high degree of availability both through the leaf and in the soil. This citrate complex has a low salt index and hence is ideal for use on greens and fairways.

Potassium is the second most important plant nutrient and strategic applications can be used to improve leaf colour, increase leaf durability and hardness during times of stress eg. cool season grasses during summer, warm season grasses in autumn and winter, during prolonged wet periods or before times of high play pressure.

The fast response and convenience of a product like Kope offers turf professionals a highly flexible tool for management of Potassium. The role of potassium in the plant is extensive and includes: aiding the actions of over 40 enzyme processes, reducing respiration, aiding photosynthesis, and is also essential in protein formulation. By aiding these processes turfgrass drought tolerance is increased as is plant durability.

Potassium promotes the production of thick cell walls in the outer cells of the leaf, giving the turfgrass increased hardness and durability, enabling the turfgrass to better withstand high stress periods. Apply prior to stress periods for best results.

USING REINFORCE EFFICIENTLY:

- Apply to the Leaf or as a soil drench
- Apply to amend K deficiencies
- Apply Prior to heavy wear periods to harden the turfgrass
- Apply Prior to periods of high environmental Stress Periods

KOPE COMPATIBILITY

Barmac Kope can be used alone or mixed with any of the CoRoN or other eflow products to create a fertilizer mixture for any purpose. Mixtures of Kope and a nitrogenous fertilizer such as CoRoN 35:0:0 can be used to achieve any N:K ratio desired. When mixing Kope with other products, always ensure that the spray tank is at least half full of water before adding the ingredients.

As high levels of potassium can cause temporary leaf discoloration, care must be taken on sensitive areas such as greens. In these situations it is better to use the lowest recommended rates and repeat in 7-10 days.

PACK SIZE

Available in 20 L containers.

SITUATION	RATE	COMMENTS
Golf Greens, Courts, Lawns etc.	200-500 ml in 6-10 litres of water per 100m ²	Product is suitable for increasing Potassium levels and hardening the leaf during stress periods. Use the higher rates when a potassium deficiency exists. Irrigate off the leaf after application. NOTE - High rates of potassium may cause temporary leaf discoloration. In sensitive areas apply the lowest rates and repeat in 7-10 days.
Bowling Greens	3-6 Litres in a minimum of 300 litres of water	
Fairways, Playing Fields, Parks etc.	20-50 Litres in 600-1000 litres of water per Ha	



The eFlow brand represents the highest quality liquid fertilisers developed specifically for the Australian Turf Market.



BARMAC PTY LTD ABN 21 009 674 953
3 Mary Street, Blackstone QLD 4304 AUSTRALIA
P: 07 3280 3000 W: www.barmac.com.au

eFlow TANK MIXING

	Stimulus	Special FeX	Kope	Essential	Kelpro	Re-inforce
Stimulus		Light Blue	Dark Blue	Light Blue	Light Blue	Dark Blue
Special FeX	Light Blue		Dark Blue	Light Blue	Light Blue	Dark Blue
Kope	Dark Blue	Dark Blue		Dark Blue	Dark Blue	Dark Blue
Essential	Light Blue	Light Blue	Dark Blue		Light Blue	Dark Blue
Kelpro	Light Blue	Light Blue	Dark Blue	Light Blue		Dark Blue
Re-inforce	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	

- These products are compatible in 2-way tank mixes.
- Foaming may occur in tank mixes containing Kope if sufficient water is not added to tank prior to addition of Kope. When tank mix includes Kope add this product to tank first as foaming may occur.
- Re-inforce does not tank mix with other products in the eFlow range. Sediment will form in the tank and cause nozzle blockages

	Rate (L) / ha	pH
Stimulus	20	1.7
Special FeX	40	1.8
Kope	50	11.34
Essential	20	5.50
Kelpro	10	7.83
Re-inforce	5	11.6

These products were tank mixed at rates equivalent to those that would be used when applied in a water volume of 400L