



# Reinforce 0-0-8 + 20% Si

## Liquid Nutritional Supplement

**Fertech Reinforce** is a high analysis liquid potassium silicate fertiliser, ideal for use when a strong, hard wearing turf is needed. Strengthens turfgrass and promotes a pathogen resistant plant.

The accumulation of silicon in epidermal cells and cell walls results in the development of more erect leaf blades and a thicker, stronger cuticle layer which limits non-stomatal transpiration and water loss. By strengthening the cuticle layer prior to the onset of drought transpiration can be slowed down increasing drought tolerance.

Silicon is also documented as reducing fungal attack by increasing cell wall thickness, reducing the ability of fungal Hyphae to penetrate cells. It has also been noted that Silicon applications stimulate the plant's own defense mechanisms to deter pathogen attack.

Use on all turf surfaces prior to the onset of stress conditions.

### Guaranteed Minimum Analysis – Wt/Vol

8.3% Potassium (K) as Potassium Silicate      20% Silicon (Si) as Potassium Silicate      pH 12

### Key Benefits of Fertech Reinforce

- High silica content enhances plant strength, increasing resistance to environmental and mechanical stresses
- Improves plant tolerance to salinity and poor irrigation water quality
- Optimises resistance to pest and disease attack
- Easy to apply liquid formulation for use through boom or ferti-spray situations
- Made in Australia

**Pack Size** Available in 20L containers. Special Order 200L & 1000L shuttles available on request.

### Application

A potassium and silica based liquid fertiliser solution containing 20% silica as potassium silicate. Provides the building blocks for strong, resilient turfgrass. Ideal for application prior to periods of environmental stress, and prior to golf tournaments to improve ball roll.

### Directions for Use

Apply as a spray application to turf any time when potassium is required. Dilute with water, using the application rate that delivers the desired level of nutrients.

Use during autumn to condition turf prior to winter. Application rates can be adjusted to suit individual situations.

Avoid mowing for 24 hours following an application.

Application Rate Table

Situation	Per 100m <sup>2</sup>	Per Ha	Water Volume	Comments
Amenity & Sports Turf including Racetracks		2L-5L	Minimum of 5L/100m <sup>2</sup> (500L/Ha)	Applications can be made year round. Use the high rate when potassium deficiencies have been identified.
Sportsfields & Racetracks	30mL-50mL	3L-5L		
Landscape & Ornamental Plants	25 – 50mL		10L	Apply as a foliar spray to correct nutrient deficiencies
Establishing turf. Seed, sod, stolons			Minimum of 500L/Ha	

#### COMPATIBILITY WARNING

Reinforce is difficult to tank mix due to its very alkaline pH. Chemical reactions may take place and mixing should be trialled and carried out with care.

For more information on Fertech Reinforce, contact your local Globe Territory Manager