

Toughen-up

Potassium Silicate

Soilsmart

Soil and Plant Management



Toughen-UP is a Silica based material. Silica is defined as a ‘beneficial element’, and is found in all plants. Its foliar concentration varies from approx. 0.1% to 0.3% (on a dry weight basis), which is comparable to that of Phosphorus, Magnesium, and Sulphur (all of which are major elements).

Silica is often dubbed as the “Calcium organiser”, because it acts as a cross-linking agent that helps in the process of calcification of cell walls. Research also shows that the levels of Calcium and Silica rise concurrently, and that low levels of Silica lead to a slower build-up in Calcium.

Si	K
14.5%	17% w/v

Turf Apply as a drench	Greenhouse & Orchards	Stone Fruit
5-10L/ha in 400-600L water Irrigate with 3-5mm	500ml/100L water every 4 - 6 weeks	500ml /Ha after petal fall and before pit hardening

Directions for use :

- Store in a cool place away from direct sunlight
- Keep lid firmly closed after each use
- Avoid contact with eyes, if swallowed seek medical advice
- Keep away from children and animals
- This product may be incompatible with some agriculture chemicals & fertilizers. It is advised that a jar test be done before mixing with other products. When using with other materials always add to tank last

SHAKE WELL BEFORE EACH USE

20L

Website: www.soilsmart.com.au ABN 96 637 151 494. Limited warranty: The manufacturer, distributor or retailer makes no warranty whether expressed or implied, concerning the use of this product other than for the purposes and in the manner indicated on this label. The manufacturer, distributor or retailer shall not be liable for and direct or sequential injury or damage resulting from the miss use and/or miss handling of this product.