Granular

Fertiliser / Soil Conditioner for
Horticulture, Viticulture, Orchard, Turf, Pasture & Cropping

Potassium Silicate

Potassium silicate biotite schist
Approximate analysis:

Si (avail)	P	K	Ca	Mg	S	Fe	Zn	Mn
18.73%	2.41%	4.39%	2.93%	1.49%	0.15%	8.07%	117ppm	100ppm

An alkali Potassium & trace element fertiliser

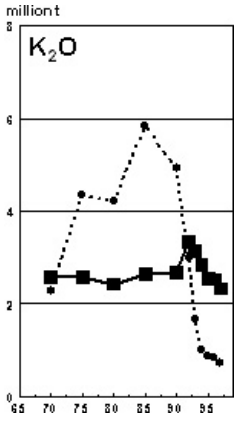
- Designed for acidic soil conditions
- Reduces the impact of sodium on plant growth
- High in natural plant available silicates
- High pH neutralising value *esp. in aluminium rich soils*
- Rich in Biotite, a natural clay nutrient bearing material

Suited to acidic / high nutrient leaching soils

Potassium is an important component of soil fertility, not only as an essential plant nutrient, but also to balance soil chemistry *ie. alleviate the uptake of sodium by plant roots (stabilizes potassium : sodium ratio).*

Potassium Silicate contains silicates in a form that readily bind aluminium. As a result Potassium silicate becomes an extremely active pH neutralizing agent in aluminium rich / acidic soils. *Source: North Coast Testing Service*

Potassium Silicate is a stable <u>controlled release</u> fertiliser A Natural mineral potash bound with clay, Potassium Silicate maintains a consistent flow of potassium to balance soil fertility and plant nutrient availability even when moderate levels of sodium are present *–if peak demand is high this can then be supplemented with Direct K / PK liquid chelated fertiliser, or with a good quality sulphate of potash.*



Conventional Potash use compared to removal by crops

Source: International Potash Institute Oct. 2000

Salinity

Non-saline low EC soils can contain levels of sodium chloride, which damage roots and degrade plant cell structure <u>when low soil potassium levels occur</u>. Low potassium may occur despite frequent applications of high analysis fertilizers such as Muriate of potash (potassium chloride). A solution is to supply potassium in a stable slow release form such a Potassium Silicate or as a liquid chelate (ie. Eco-growth Direct Potash).

General Application Rate 150-200Kg/Ha

Best applied through belt spreader *–<u>this is not a prilled product, it will not flow easily if wetted</u>.*

ECOGROWTH INTERNATIONAL PTY LTD
55 Benara Rd, Caversham, WA 6055 Ph 08 9378 7077 Fx 08 9378 7099 www.ecogrowth.com.au