

02 · Aqueous solution

Bio-Derived Soluble Silicon & Potassium

Liquid Potassium Silicate is produced using Bio-Silica's own highly reactive biogenic silica, bringing soluble silicon and potassium together in a single product for agricultural use.

KEY CHARACTERISTICS

- Soluble silicon and potassium in one product
- Produced from Bio-Silica's own biogenic silica
- Suitable for fertigation and foliar programmes
- Renewable agricultural origin

MAIN APPLICATIONS

- Fertigation
- Foliar Application
- Specialty Fertilizers
- Crop Stress Management

TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Light yellow liquid
SiO ₂	26 %
K ₂ O	12 %
Molar ratio	2.2
Total solids (Baumé)	38
Bulk density at 20 °C	1.26–1.36
pH	12.5–13
Organic matter	< 1 %
Organic carbon	< 0.5 %
Fe	80 mg/L

Product specifications and grades can be tailored to meet specific applications and customer requirements.

PACKAGING

1 L, 5 L and 25 L plastic bottles. Other formats to customer requirement.