



# Liquid Lime™

## SOIL PREPARATION

**Liquid Lime™** is a pre-plant soil preparation product which enhances and improves soil quality and soil health. **Liquid Lime™** is easily applied directly into the plant-band. The application of **Liquid Lime™** is essential to start a successful plant cycle.

Properties and benefits of **Liquid Lime™**:

- **Liquid Lime™** is an ultra micro-fine Calcium Carbonate slurry
- **Liquid Lime™** is manufactured from a high purity white marble (limestone)
- **Liquid Lime™** contains an appropriate biocide
- **Liquid Lime™** is a colloidal suspension
- **Liquid Lime™** is a reactive substance
- **Liquid Lime™** disperses very effectively into soil due to it being colloidal
- **Liquid Lime™** has a 100% Relative Resin Suspension Rate
- **Liquid Lime™** has 100% immediate efficacy in neutralizing surface-soil acidity in the plant band
- **Liquid Lime™** has an intensity factor of 100%

Description	Typical Values	Test Method
<b>CHEMICAL ANALYSIS:</b>		
CaCO <sub>3</sub>	96.5 %	XRF
MgCO <sub>3</sub>	2.8 %	XRF
Fe <sub>2</sub> O <sub>3</sub>	0.03 %	XRF
Acid insoluble content	0.5 %	LTM030
<b>SPECIFIC PRODUCT DATA:</b>		
Fineness: Residue on a 45 µm sieve	0.005 %	ISO 787/7
Top cut (d98%)	5 µm	Sedigraph 5120
Mean particle size (d50%)	0.8 µm	Sedigraph 5120
Particles <2 µm	92 %	Sedigraph 5120
Whiteness: Brightness (Ry)	95.5 %	Elrepho 450
Tappi (R457)	94.0 %	Elrepho 450
Solid content	75 %	ISO 787/2
Viscosity	160 cps	
<b>GENERAL PRODUCT DATA:</b>		
Slurry density	1.89 g/ml	ISO 787/11
pH value	9	ISO 787/9
Relative density	2.7 g/ml	
Hardness (Moh's)	3	
Refractive Index	1.6	

