



## Product Specifications

### Agrisense Liquid Compost

Agrisense Liquid Compost is an actively aerated biological liquid, containing an enormous diversity of beneficial organisms, it combines a number of natural products that maximise its biological potency.

#### MAJOR NUTRIENTS (ppm)

Nitrate (NO <sup>3</sup> )	Phosphorous (P)	Potassium (K)	Calcium (Ca)	Magnesium (Mg)
<b>&lt;40</b>	<b>32</b>	<b>510</b>	<b>200</b>	<b>73</b>

#### MINOR NUTRIENTS (ppm)

Sulphur (S)	Copper (Cu)	Iron (Fe)	Zinc (Zn)	Manganese (Mn)	Sodium (Na)	Boron (B)
<b>265</b>	<b>3.15</b>	<b>204</b>	<b>2.1</b>	<b>4.5</b>	<b>23</b>	<b>0.58</b>

#### GENERAL ANALYTES

EC (dS/m)	pH
<b>0.32</b>	<b>8.1</b>

Values displayed are typical values from analysis of batch samples.

#### BIOLOGICAL SPECIFICATIONS

Active Bacteria Biomass (µg/g)	Total Bacterial Biomass (µg/g)	Active Fungal Biomass (µg/g)	Total Fungal Biomass (µg/g)	Hyphal Diameter (µm)
<b>18.54</b>	<b>11946</b>	<b>22.97</b>	<b>87.19</b>	<b>2.92</b>
<b>10 - 150</b>	<b>150 - 300</b>	<b>2 - 10</b>	<b>2 - 20</b>	<b>2.5 +</b>

**Red** = Desired Levels

Values are average values from analysis of 12 batch samples taken over the period 12/03 to 05/04.

The unique qualities of **Liquid Compost** will benefit any farming enterprise, it has an enormous potential to help reverse the trends of soil decline associated with modern farming practices.

**Liquid Compost** acts by replenishing the diversity of beneficial organisms, (fungi, bacteria, protozoa and beneficial nematodes) which are adversely impacted by cultivation, chemical fertilizers, fungicides, herbicides, soil fumigants and so on. These beneficial organisms are largely responsible for the retention and cycling of nutrients within the soil, including their release and availability to plants.

The many millions of beneficial organisms contained in **Liquid Compost** build up the soil and plants natural defences to common diseases and root feeding organisms. They also help in breaking down and de-toxifying harmful compounds, and they play an important role in aggregating soil particles, improving both moisture penetration and retention.

**Liquid Compost** contains useful amounts of plant available nutrients including a broad range of trace elements. However its real strength lay in its ability to re-establish and sustain the complex web of beneficial biology our soils need to ensure optimum production levels.

Using **Liquid Compost** is one of the smartest ways of returning soil health and sustainable, long-term fertility to your most important resource – the soil.