



Reg No in process * Act 36 of 1947

LiquiCompost is a phytofulvic acid chelated carbon(C), nitrogen (N), phosphorous (P) and potassium (K) macro and micro-nutrient product that is totally soluble in water. The nutrients are in solution and can be taken up through the roots when applied to the soil as well as through the leaves if used as a foliar spray. It has strong chelating characteristics and will neutralize ionic charges of mineral nutrients to assist in the management and prevention of insoluble phosphate salts forming in the soil. This will maintain the minerals in a water soluble form for effective uptake and utilization.

Composition:

| | |
|----------------------|-----------|
| Nitrogen (N)..... | 10.3 g/kg |
| Phosphorous (P)..... | 3.2 g/kg |
| Potassium (K)..... | 6.2 g/kg |
| Magnesium (Mg)..... | 0.5 g/kg |
| Zinc (Zn)..... | 99 mg/kg |
| Iron (Fe)..... | 82 mg/kg |
| Manganese (Mn)..... | 53 mg/kg |
| Copper (Cu)..... | 40 mg/kg |
| Boron (B)..... | 187 mg/kg |
| Molybdenum (Mo)..... | 129 mg/kg |
| Fulvic Acid..... | 16% |

A fulvic acid chelated product, a thick brown residue might be present in the bottom of the drum due to the complexity of the organic molecule composition but it will dissipate after shaking or stirring therefore shake well before use.

Product Properties:

| | |
|-------------|-------------------------|
| S.G: | 1.22 ± 0.02 |
| pH: | 4.2 ± 0.1 |
| Appearance: | Dark Brown thick liquid |

Equilibrium Farming™

A Biological Equilibrium Farming Product



Product Characteristics:

The wood extracted phytyfulvic acid used in **LiquiCompost** also has strong wetter/spreader and re-wetter characteristics due to its hygroscopic (water loving) nature. The wetting capability is directly related to its water dispersing qualities (soapiness) to break the surface tension of water. Where the surface tension of water is 70.5 milliNewton/meter measured with the du Noüy surface tension apparatus, the value for **LiquiCompost** is 49.4 mN/m. This has a marked effect on improving soil penetration, wetting, structure and nutrient uptake. Fulvic acid ions have the ability to neutralize cations and anions and therefore enhance nutrient availability and uptake by the plant. The use of **LiquiCompost** is strongly recommended for use in conjunction with micro-organisms (**QCM 360**) and compost in soil to stimulate root growth and improve microbe multiplication where it makes an important contribution towards Biological **Equilibrium Farming™** that ensures sustainable agriculture in terms of yield and quality.

**Directions for use: Use only as directed
Shake well before use.**

Optimal application dosage concentration based on dosage response results.

General Recommendation:

| Crop | Soil application (ℓ/ha) | Remarks |
|--|--|--|
| Pome Fruit: Apples, Pears | 20 - 30 ℓ/ha LiquiCompost during the growing season. (OR 10ℓ-15ℓ Dyno-Sulf + 10ℓ-15ℓ LiquiCompost) | 2ℓ - 5ℓ LiquiCompost to be applied with each fertilizer application during the growing season. |
| Stone Fruit: Apricots, Peaches, Plums | | |
| Sub-Tropical Fruit: Mango, Avocado, Macadamia, Pecan, Bananas, Litchis | | |
| Citrus: | | |
| Grapes: Table grapes, Wine grapes | 20 - 30 ℓ/ha LiquiCompost during the growing season. (OR 10ℓ-15ℓ AminoBoost + 10ℓ-15ℓ LiquiCompost) | 2ℓ - 5ℓ LiquiCompost to be applied with each fertilizer application during the growing season. |
| Root Vegetable: Potatoes, Sweet Potato | 20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ - 15ℓ AminoBoost + 10ℓ - 15ℓ LiquiCompost) | 2ℓ - 5ℓ LiquiCompost to be applied with each fertilizer application during the growing season. |
| Other Vegetables: Tomatoes, Peppers | | |
| Grain: Wheat, Canola, Lupines, Oats, Lucerne, Maize and Beans | <u>Non-irrigation:</u> 3-6 ℓ/ha AminoBoost (OR 3ℓ AminoBoost + 3ℓ LiquiCompost). 20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ - 15ℓ AminoBoost + 10ℓ - 15ℓ LiquiCompost) | <u>Non-irrigation:</u> 3-6 ℓ/ha AminoBoost (OR 3ℓ AminoBoost + 3ℓ LiquiCompost). 20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ - 15ℓ AminoBoost + 10ℓ - 15ℓ LiquiCompost) |

- Due to the variation of soil and soil types from area to area, a full recommendation will only be possible once a **soil analysis and 1:2 water extract** analysis has been done.
- Recommendations are also based on requirements for different crop types.

Contact your **Agrilibrum** representative to obtain a crop specific Plant Stress Management™ recommendation.