RED DIAMOND COMPOST

# LIQUID SUNSHINE™

## Organic Plant Food

## TECHNICAL DATA SHEET

### Liquid Sunshine Organic Plant Food

Liquid Sunshine stands at the forefront of organic plant nutrition, a meticulously formulated blend enriched with key plant hormones for targeted nutrition and growth stimulation.

Derived from regeneratively cultivated Tithonia, this plant food delivers a concentrated dose of essential nutrients and hormones Liquid Sunshine is specifically formulated to meet the rigorous demands of high-value crop production, offering unparalleled benefits in nutrient management and soil regeneration.

### Why Liquid Sunshine?

**Vigorous Growth and Fruit Development: Rich in naturally occurring plant hormones which stimulate vigorous growth, flowering, and fruit development, resulting in abundant harvests and improved crop quality.**

**Soil Enhancer:** With a significant content of hydrophobic fulvic acid, Liquid Sunshine optimizes nutrient uptake, stimulates beneficial microbial activity, and enhances soil structure for enduring fertility.

**Sustainable & Safe:** Our commitment to regenerative agriculture and avoidance of synthetic ingredients ensures that Liquid Sunshine is not only effective but also environmentally friendly and safe for all plants.

**Ideal For: Gardeners and farmers looking to elevate the health and productivity of their fruits, vegetables, flowers, and ornamentals. Liquid Sunshine is especially beneficial for those seeking to maximize growth and yield in an organic, sustainable manner.**

| PARAMETER | RESULT | UNIT |
|---|---|---|
| **BIOLOGICAL ANALYSIS** | | |
| Microbial Count | 1.5 x 10^6 | CFU/g |
| Humic Acid Content | 1.2 | % |
| Fulvic Acid Content | 2.25 | % |
| Enzyme Activity | Very High | |
| **CHEMICAL ANALYSIS** | | |
| Nitrogen (N) | 0.16 | % |
| Phosphorus (P2O5) | 0.061 | % |
| Potassium (K2O) | 0.73 | % |
| Calcium (Ca) | 0.21 | % |
| Magnesium (Mg) | 0.09 | % |
| Sulfur (S) | 0.12 | % |
| Iron (Fe) | 200 | ppm |
| Zinc (Zn) | 60 | ppm |
| Manganese (Mn) | 40 | ppm |
| Copper (Cu) | 25 | ppm |
| Boron (B) | 15 | ppm |
| Molybdenum (Mo) | 7 | ppm |
| Cobalt (Co) | 3 | ppm |
| Nickel (Ni) | 1.5 | ppm |
| Chromium (Cr) | 0.8 | ppm |
| Lead (Pb) | <0.01 | ppm |
| Cadmium (Cd) | <0.005 | ppm |
| Mercury (Hg) | <0.001 | ppm |
| Arsenic (As) | <0.01 | ppm |
| pH (1:5 Water Suspension) | 3.9 | |

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