



# Liquid Karma



ALL-NATURAL PLANT GROWTH STIMULANT

## APPLICATION RATES

Amounts in ml/gallon (4l)    1 teaspoon=5 ml    1 tablespoon=15 ml    1 ounce=30 ml    1/2 - 1 gm = 1/4 - 1/2 tsp    3/4 gm = 1/4 tsp

Plant Phase	Seedlings	Mid-Size Vegetative	Vegetative	Transition	Fruiting & Flowering						
		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Liquid Karma	5	10	10	10	10	10	10	10	10	10	2.5

### Ingredients:

Amino acids; glycine, alanine, valine, leucine, isoleucine, serine, threonine, aspartic acid, glutamic acid, asparagine, glutamine, lysine, arginine, histidine, cysteine, cystine, methionine, proline, phenylalanine, tyrosine, and tryptophan. Vitamins; riboflavin, thiamine, pyridoxine, ascorbic acid, and a full array of other water soluble vitamins. Carbohydrates; sucrose, fructose, cellulose. Phytohormones; Indole-3-acetic acid, trans-6-(4-hydroxy-3-methylbut-2-enyl) amino purine, hydrolysate, soy protein hydrolysate, fermented yeast extract, aqueous extracts of etiolated wheat coleoptiles, and Zea mays, aloe vera extract, yucca extract, humic acid, fulvic acid, and kelp seaweed extract.

### Guaranteed Analysis:

Total Nitrogen (N) 0.1%  
 0.1% Water Soluble Nitrogen  
 Available Phosphate (P<sub>2</sub>O<sub>5</sub>) 0.1%  
 Soluble Potash (K<sub>2</sub>O) 0.5%

Derived from: Kelp seaweed extract.

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

0.5% Humic Acid derived from Leonardite  
 0.01% Yucca extract

**NATURALLY SUPERIOR**  
 100% Satisfaction Guaranteed



Distributed by:



**WHAT COMES AROUND  
 GROWS AROUND**

### Benefits of using Liquid Karma:

- Larger fruits, vegetables, flowers
- Higher yields
- Healthy rooting of cuttings
- Increased metabolic rates
- Protection from transplant shock

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# LIQUID KARMA™

## All-Natural Plant Growth Stimulant

Liquid Karma represents a significant breakthrough in plant nutrition because it contains a full complement of metabolically active and organic compounds not found in regular plant foods or supplements. These unique compounds are absorbed immediately and act as regulatory signals, activators or catalysts to produce synchronized and accelerated growth under all conditions.

Liquid Karma functions as a plant engine because its high metabolic activity produces a large amount of energy which is immediately transformed to growth.

Liquid Karma contains seven major nutrient groups each with specific effects on plant growth and development:

- A. **Fermented Compost Solution:** Fish meal, composted seabird guano, spirulina, sea kelp, and soybean meal fermented in stages in the presence of humic acid, citric acid, raw sugar cane, complex carbohydrates, glucose, fructose and over 72 trace elements to achieve the highest possible biological activity. This increases vegetative and flower growth and flavorful crops.
- B. **Amino Acids:** Glycine, alanine, valine, leucine, isoleucine, serine, threonine, aspartic acid, glutamic acid, asparagine, glutamine, lysine, arginine, histidine, cysteine, cystine, methionine, proline, phenylalanine, tyrosine, and tryptophan - derived from casein hydrolysate and soybean protein hydrolysate. Amino acids serve as building blocks for structural proteins and enzymes, and are involved in the activation of transfer ribonucleic acids (t-RNAs) and DNA synthesis.
- C. **Vitamins:** Significant amounts of riboflavin, thiamine, pyridoxine, and all of the other B-complex vitamins obtained from fermented yeast extracts. These vitamins are extremely beneficial for plant growth because they function as cofactors for enzymes involved in carbohydrate metabolism and the biosynthesis of macromolecules.
- D. **Plant Extracts:** Aqueous and ethanolic extracts of etiolated wheat seedlings and Zea mays. These extracts contain high levels of the plant hormones known as auxins and cytokinins. Auxins and cytokinins are required for successful plant micro-propagation (tissue culture).
- E. **Humic Acid:** Optimal levels of humic acid and fulvic acid, derived from leonardite, stimulate the growth of roots, shoots and flowers by maintaining the proper osmotic concentration in cells.
- F. **Seaweed Extract:** Seaweed extract obtained from North Atlantic Kelp (*Ascophyllum nodosum*). Kelp extract contains metabolically active carbohydrates, complex carbohydrates, minerals such as cobalt, strontium and iodine, and growth substances that are known to be beneficial for plant growth.
- G. **Carbohydrates:** The direct or indirect precursors of almost every metabolite. They provide the added burst of energy required to assimilate and metabolize all of the ingredients.
- H. **Yucca Extract:** For hydrophobic substrates.



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