

# CYTO-GEM

## Liquid 2 - 1 - 1 For Growing Roots

### DESCRIPTION

**CYTO-GEM** is a natural plant growth regulator made by alkaline hydrolysis of the seaweed *Ascophyllum nodosum*. The main growth regulators contained in **CYTO-GEM** are the auxins, hormones, indoles and cytokinins. Cytokinins are cell division factors that encourage rapid cell division. The auxins and indole compounds are naturally occurring plant growth promoters for root development and bud initiation. **CYTO-GEM** also contains Alginic acid which is comprised of Vitamins A, B1, B12, C, D, E, K, Riboflavin, Niacin, Choline, Carotene, and Pantothenic.

### COMPATIBILITY

**CYTO-GEM** is compatible with most fertilizers, fungicides and pesticides. In all cases, it is recommended that a jar test be made to determine the compatibility of **CYTO-GEM** with other materials before proceeding with high volume mixing.

### APPLICATION

**CYTO-GEM** may be applied to soil, plants or seeds. **SOIL USE:** Apply 3 gallons per acre per growing season. Ground apply by mixing with fertilizers and injecting in irrigation water. **FOLIAR USE:** Apply 3 sprays, 7 to 14 days apart. In each spray use 1 to 1.5 gallons of **CYTO-GEM** per acre. **TRANSPLANTS:** Use 1 quart to 50 gallons of water. For root dip use 1 quart per 100 gallons of water before planting.

### STORAGE

Store in a cool, dry place. Avoid prolonged exposure to direct sunlight. Tightly reseal after opening to preserve shelf life.

### CAUTION

Product is safe and nontoxic when used as directed. Keep out of reach of children and pets! Do not inhale or ingest. Avoid contact with skin, eyes, or clothing. In case of contact, flush with water. If swallowed, drink water and consult a physician.

**NOTICE** - Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. Since weather, crop and soil conditions may vary, NRG and/or seller make no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use and handling, whether or not in accordance with directions or suggestions.

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	2.0%
0.38% Ammoniacal Nitrogen	
0.02% Nitrate Nitrogen	
1.3% Water Soluble Organic Nitrogen	
.03% Water Insoluble Organic Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	1.0%
Soluble Potash (K <sub>2</sub> O).....	1.0%

PRIMARY PLANT FOOD INGREDIENTS:  
Ascophyllum nodosum Seaweed and Fish.