

CYTO-GEM ORGANO

Liquid
Organic



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.

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.

APPLICATION

Apply 3-5 gallons of **CYTO-GEM** per acre per growing season.

FOLIAR USE: Apply the first application when there is sufficient foliage to absorb **CYTO-GEM**, the 2nd before bloom, the 3rd at bloom.

VEGETABLES: Apply 3 sprays 1-14 days apart. In each spray use 1 to 1 1/2 gallon of liquid **CYTO-GEM** per acre. Total **CYTO-GEM** to be used per acre, per crop: 3 to 4 1/2 gallons.

FIELD CROPS: Use 3 gallons of liquid **CYTO-GEM** per acre.

TREE FRUIT: Use 2 quarts of **CYTO-GEM** per acre. Apply a total of 6 sprays.

CITRUS: 1 1/2 gallons per acre in the Fall. 1 1/2 gallons per acre in the Winter. 3/4 gallons per acre in late Spring and early Summer.

VINES: 2-3 applications after fruit set.

TRANSPLANTING: Use 1 quart of **CYTO-GEM** to 50 gallons water. The same plant can also be dipped in a solution of 1:100 before planting.

SEED TREATMENT: Wet thoroughly in a solution of 1:100. Allow seeds to dry before planting.

ROOT INJECTIONS: 1 1/2 gallons to 100 gallons. Insert into soil to a depth of 10-12 inches and spaced three feet apart (around the drip line).

AT PLANTING: Apply 3 gallons into the seed bed for germination and root development.

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

PRIMARY PLANT FOOD INGREDIENTS:

Ascophyllum Nodosum Seaweed and Fish Extracts.