

ECO-CHEM ~ MAXI-GROW

Maxi Grow 
**LIQUID ORGANIC TOMATO FERTILIZER
FOR ALL GROWING MEDIUMS**



Maxi-Grow tomato fertilizer is a yield increasing liquid organic fertilizer formulated with high grade macro and micro nutrients, cytokinins, Gibberellins, amino acids, humic acid, fulvic acid, enzymes, proteins, vitamins and minerals.

Maxi-Grow offers numerous advantages in many different growing mediums. It conserves energy in plants, improves photosynthetic efficiency, aids in biological nitrogen fixation and solubilization of soil minerals, suppresses plant pathogenic organisms and replenishes and maintains long-term soil fertility by providing optimal conditions for soil biological activity. Maxi-Grow can promote plant growth, even when the plant is under nutrient stress.

Maxi-Grow contains substances that can open up pathways in plants that allow them to extract more moisture from soil during drought conditions. Similarly, research showed that plants, fed with Maxi-Grow, can withstand up to three degrees of frost.

BENEFITS:

- Shelf life is increased.
- Root growth is stimulated.
- Plant stamina increases.
- The growth of beneficial soil microorganisms improves.
- Soil water-holding capacity is improved.
- The need for chemical fertilizers is eliminated.
- Tomatoes require less time to mature
- The storage life of harvested crops is extended.
- Yield is significantly increased

Table 1.
Maxi-Grow Application Information

Application Interval	Dilution Rate In Water	Application	Purpose
2 weeks prior to transplanting	2 oz. / 5 Gal.	Apply to soil	Soil Preparation
At transplanting	1 oz. / 3 Gal.	Dip roots in solution or Apply in transplanting hole	Promote root development
First Watering *	1 oz. / 3 to 5 Gal.	Apply at base of plant	Stimulate growth
10 days pre-bloom	1 oz. / 5 to 10 Gal.	Foliar	Flower set

* Apply diluted solution (1 oz./3 to 5 Gal water) at two week intervals until harvest

ECO-CHEM ~ MAXI-GROW

Table 2.
Irrigation Water Applications

Dosage per Application	1st.	2nd.	3rd.
1.5 Pints/Acre	First Bloom	Full Bloom	Fruit Set

STARTING TOMATO PLANTS

Dilute 3 oz. [CB-QGG Seed Treatment](#) in 1 quart. of water. Soak seeds in the diluted solution for 3 to 5 minutes. Plant 4 seeds together at a depth of 0.25 in. When plants are 1 inch in height, transplant to individual pots or thin to 3 inches apart. Dilute Maxi-Grow at a rate of 1 oz. / 5 gal. water and apply at 7 day intervals.

NOTES

- Start tomatoes from seed indoors - transplanted outside when night time temperatures reach and remain above 60 F.
- For late crops, seeds can be planted outdoors when night time temperatures reach and remain above 60 F.
- In frost-free regions, seeds can be planted outdoors in early fall for harvest in winter and spring.
- Tomatoes are sensitive to cold and changing moisture conditions, mulch plants with hay, straw or old grass clippings.
- For staked plants, prune to one or two main stems when side stems reach 2 in. in length.
- Water by soaking the ground around each plant - Avoid spraying foliage.

STORAGE & HANDLING

Store in a cool place away from direct sunlight. No special handling required (See MSDS).

SAFETY

Maxi Grow is produced in accordance with NOSB (National Organic Standards Board) guidelines. The materials used in the production process are derived from naturally occurring and sustainable sources and are consistent with organic principals and the National List of Allowed Substances. Maxi Grow does NOT contain synthetic chemicals, animal components, animal byproducts, manure or manure byproducts. Maxi Grow is environmentally safe and is not harmful to animals, plants and humans.

COMPLIANCE

Fully complies with EPA Toxic Substance Control Act (TSCA) and the rules, orders and regulations promulgated there under including:

- a) Sections 4, 5, 6 & 7; Title 40 Chapter 1, 707.20 thru 707.75;
- b) 40 CFR Sections 704.3, 710.2(e) and 720.3(c); and
- c) Sections 5 and 13, reference 42FR64583
- d) Does not contain marine pollutants as defined in 49 CFR 171.8.

ECO-CHEM ~ MAXI-GROW

TYPICAL ANALYSIS

AMINO ACIDS (as a % of total)

Lysine - 4.1%
Glycine - 5.8%
Histidine - 1.4%
Alanine - 5.4%
Arginine - 5.2%
Cystine - 1.8%
Aspartic Acid - 9.6%
Valine - 3.8%
Threonine - 4.7%
Isoleucine - 3.2%
Proline - 3.7%
Phenylalanine - 3.5%
Glutamic Acid - 12.0%
Leucine - 5.7%
Serine - 4.8%

VITAMINS

Riboflavin (B2) - 5.1 PPM
Niacin (B3) - 188 PPM
Vitamin C - 425 PPM
Biotin - 320 PPM
Folic Acid - 256 PPM

CARBOHYDRATES

Alginic Acid
Mannitol
Laminaria

MINERALS

Total Nitrogen (N) - 12.6%
Avail Phosphorus (P₂O₅) - 1.2%
Soluble Potash (K₂O) - 4%
Sulfur (S) - 0.37%
Magnesium (Mg) - 0.1%
Magnesium (Mg) - 0.1%
Calcium (Ca) - 0.08%
Sodium (Na) - 1.0%
Boron (B) - 150 PPM
Iron (Fe) - 150 PPM
Manganese (Mn) - 12 PPM
Copper (Cu) - 8 PPM
Zinc (Zn) - 75 PPM

TRACE ELEMENTS

Iodine (I) - 930 PPM
Aluminum (Al) - 287 PPM
Iron (Fe) - 560 PPM
Total arsenic (As) - 21 PPM
Manganese (Mn) - 31 PPM
Tin (Sn) - 6.0 PPM
Zinc (Zn) - 18.5 PPM
Selenium (Se) - 4.7 PPM
Cobalt (Co) - 3.9 PPM
Copper (Cu) - 4.1 PPM
Boron (B) - <3.5 PPM

OTHER

Cytokinins
Gibberellins
Humic Acid
Fulvic Acid

Home Haven Interiors is distributors of:

ecochem

An Earth Friendly Company

Specialists In Nature Friendly
Agro Nutrition