



## Growth Mixture 1011

Guaranteed Content (w/w):

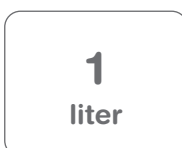
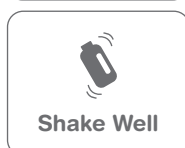
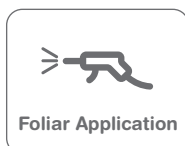
Total Nitrogen	5%
P <sub>2</sub> O <sub>5</sub>	3%
K <sub>2</sub> O	5%
fulvic Acid	2.5%
Seaweed	10%
Alginic Acid	1.37%
Free Amino Acid	10%
Total Amino Acid	11%
Organic Matter	15.5%

 **Physical Appearance:**  
Suspension/ SC

Special Weight (18-20 C°):  
1.28 ± 0.05 Kg/L

**Suitable for:**

-  **Fruits**
-  **Vegetables**
-  **Field Crops**
-  **Greenhouses**



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## Containing NPK, Fulvic Acid, Amino Acids and Seaweed | Increasing Resistance to Environmental Stresses, Plant Growth Stimulator

### Introduction:

“Nutritech Growth Mixture 1011” contains a variety of nutritional elements and supplementary ingredients such as nitrogen, potassium, seaweed, fulvic acid and alginic acid. This fertilizer is produced from high quality and natural raw materials. Amino acids and seaweed in this product are strong anti-stress agents which increase plant resistance to environmental stresses.

### Technical Information:

Content										
Growth Mixture 1011		Total Nitrogen	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Fulvic Acid	Seaweed	Alginic Acid	Free Amino Acid	Total Amino Acid	Organic Matter
	w/w	5 %	3 %	5 %	2.5 %	10 %	1.37 %	10 %	11 %	15.5 %
	w/v	6.4 %	4 %	6.4 %	3.2 %	13 %	1.75 %	13 %	14.1 %	20 %

Fulvic acid in this fertilizer facilitates absorption and transportation of nutrients in plants. It also increases cell division and elongation, stimulates plant metabolism, and increases the activity of enzymes related to plant respiration. On the other hand, seaweed and alginic acid are considered as strong anti-oxidants and plant stimulants which lead to better and stronger growth. As a result, the plant resistance to environmental stresses increases and leads to improvement in quantity and quality of the products.

### Application Guide: Foliar Application

Crops	Time of Application	Application Rate
Field Crops	Start from the middle of vegetative growth	1-2 Liters /1000 L of water
Fruits	Start from the beginning of growth	1-3 Liters /1000 L of water
Vegetables	Start from the middle of vegetative growth	1-2 Liters /1000 L of water
Greenhouses	Start from the beginning of vegetative growth	1-2 Liters /1000 L of water

### Seed Treatment and Root Dipping

Seed Treatment	1% solution (Amount of water depends on the size and quantity of the seeds)
Root Dipping	Root Dipping at 0.5-0.75% solution in transplantation time



## Growth Mixture 1011

### Features & Advantages:

- Increasing nutrients uptake by the plant
- Growth stimulator with long lasting effect on increasing the growth of plants
- Better fruit setting and reducing fruit drops
- Increasing crop resistance to environmental stresses
- Improving quality and marketability of fruits

### Cautions & Disclaimers:

- Should it be mixed with any other materials, jar test and small- scale application are highly recommended.
- The dosage and recommendations above are general. In order to be exact and most effective, soil and tissue analysis should be considered and also consultation of local experienced agronomists is highly recommended.
- The liability of the producer is limited to the guaranteed content and physical characteristics as claimed; the producer shall not be liable for anything out of its control.
- This product is NOT miscible with alkaline solutions, sulfur products, highly acidic and pesticides and shall not be mixed with the mentioned products.
- The product shall be kept in 5-30 degrees centigrade and also NOT under the direct sunlight and away from flammable materials.
- Foliar application shall be applied in the coolest time of the day during the day time (early morning or near sunset).
- The product should be directly applied as foliar mixture, so undiluted use of it is prohibited.
- Use acceptable quality of water for foliar application.