



Amino Acids Based

"Liquid Amino Acid, Unique Formulation"

Optimus Plus

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Total Organic Materials	: % 30
Total Nitrogen (N)	: % 5
Organic Nitrogen	: % 3
pH Range	: % 7.7 - 9.7

Contains 28 % Vegetal Free Amino Acids, PGR, and Mo, B, Zn, Fe, Cu & Mn.

Increases fruit quality. Directly affects ripening. Leaf application dosage: 125-170 cc/100 L water, or 100cc/da.

Gives the plant resilience and helps relieve stress.

Increases the ability to absorb nutrients and increases nutrient mobility in plant metabolism.

Helps with fertilisation and fruit formation.



Optimus Plus

Optimus Plus Formulation Content

- Contains 28% amino acid of vegetal origin,
- **The ratio of the amino acids included:**
Includes; 25% Glycine, 14% Prolin, 10% Glutamic Acid, 5% Alanine and % 46 other Amino Acids.
- Also includes; 8.5% Organic Nitrogen,
- Contains Vegetal PGR; PGR Group

Effect of PGR:

Helps the cells in the growth region to grow- Triggers the cell division in some tissues- Plays an important role in forming new roots, Ensures the body, root, leaf and the fruit of the plant to grow.

Optimus Plus Purpose of Use

Optimus Plus An amino acid formulation that increases the growth performance of the plants considerably and that can be applied through the Leaf before and after the flower in all the cultivated plants.

- It provides strength to the plant and help the plant get rid of stress. That way the leaf stomas that had been closed due to stress, reopens, photosynthesis rate increases, aging slows down, plants began to use the piled up amino acids in free form.
- Helps with the fertilization and fruit set. Germination of pollen in stigma and after it the pollen tube developing healthy and quickly all depend on the amount of amino acid located in the organs of the plant. The pollen tube progressing through the ovule depends on the sufficient use of sugar and amino acids.
- Increases the plants' ability for nutrient intake and increases the utilization of the nutrients. **Optimus Plus** absorbs all the nutrients and the entrance quickened by increasing the perme-

ability of the cell membrane.

- Increases the fruit quality. **Optimus Plus**, involving the best quality amino acids, directly affects the maturing process. Because the enzymes and the proteins involved in the maturing process are the result of amino acids.
- Helps with the nutrient balance of the plant and lowers the stress.
- Increases the size of the fruit, provides homogeneity in both the fruit and the harvest. If **Optimus Plus** is applied in the reproduction process, since it brings balance to nutrition throughout the season there would be less competition between the fruits, therefore there would be lots of big and small fruits, the plant would force itself to produce the standard big size.
- By providing the plant high nutrient concentration and low transpiration, it helps the plant to form good roots.
- Contributes to forming a good color and strong aroma.

Name of the Plant	Purpose and period of Use	Dosage
In all cultivated plants	Can be applied until the harvest, in order to increase the growth performance up to the highest level.	Dosage applied foliar: 125-170 cc / 100ft of water

