



# Amino+

## Organic Amino Acid Mixture

**Amino+** is a fine, free flowing creamy white color, sprays dried powder, containing Amino acids, short-chained Peptides derived from high quality biological origin proteins sources by controlled hydrolysis.

### Mode of Action:

- Promotes uptake of micro and macro nutrients.
- Promotes enzymic activity by acting as a natural stimulant.
- Stimulates protein synthesis as it contains Amino acids (building blocks).
- Induces flower and fruit setting related hormones.
- Improves the efficiency of pesticides and fungicides with synergism.
- Provides drought resistance through its direct action.

### Direct Benefits:

- Helps in better crop spread.
- Induces flowering and reduces flower drop.
- Improves fruit setting and reduces fruit drop.
- Improves fruit size, color and quality.
- Advances maturity and increases the keeping quality.

- Provides drought resistance.
- Increases yield to significant etc

**Detailed Benefits of the Individual Amino Acids in Amino+:**

| Contains  | Benefits   |
|---|--|
| Alanine, Tyrosine, Phenyl alanin, Triptophen, Valine, leucine | Responsible for flower initiation.   |
| Argenin   | Important in Promoting growth, as a bio-stimulator   |
| Aspartic acid and Glutamic acid                               | Plays an important role in Nitrogen Assimilation   |
| Cysteine, Methionine and Glycine                              | Are Sulphur containing amino acids they Increase immunity of plants against pests.   |
| Glycine   | Is required for chlorophyll synthesis  |
| Proline   | Helps to maintain water equilibrium: Improves cell wall strength. As a result of both these activities helps plant to overcome water stress. |
| Histidine   | Helps in flower initiation and early fruiting  |

**Dosage:**

1-2 gm per liter of water. One spray a month is enough for optimum results.

**Technical Specifications:**

|                           |  |
|---------------------------|--|
| <b>Description</b>        | A fine free flowing slightly hygroscopic, spray-dried powder containing amino acids, short chained peptides derived from protein by hydrolysis |
| <b>Color</b>              | Creamy white colored powder  |
| <b>Solubility</b>         | 100% solution in water is clear  |
| <b>Ph 2% solution</b>     | 5.60 @27 °C  |
| <b>Chemical parameter</b> | On dry-wet basis   |
| <b>Total nitrogen</b>     | 12.07% W/W by Kjeldahl's method  |
| <b>Total nitrogen</b>     | 77.00%   |