



TECHNICAL DATA SHEET

Amino Ca

General Information

AminoCa is obtained from the hydrolysated protein containing amino acids, total water soluble. It contains plants middle elements Calcium(10%) as amino acid chelated form.

Element-Specific Advantages

Calcium (Ca):

- 200% ↑ phloem mobility
- 40% better control of blossom-end rot

Technical Information

Physical Properties		Chemical Properties	
Color	Light Brown	Total Amino acid Content	25%
Odor	Special Aromatic	Nitrogen	10%
Water Solubility	100%	Calcium in chelated form	10%
Moisture	5%		
PH Value	3~6		

Advantages of Amino Ca in Agriculture

Common Core Advantages

1. Dual-Channel Uptake Mechanism:

- Root absorption via Low-Affinity Transport System (LST)
- 3~5x faster foliar penetration than inorganic salts

2. Antagonism Resistance & Stability:

- Soluble at pH 3~9
- Resists precipitation by P, Fe, Al ions

3. Enhanced Physiological Activity:

- Amino acids as C/N source reduce assimilation energy cost

Application

When blending with chemical fertilizers, utilization rate can be improved, in which the quantity used for fertilizers could be reduced.



Foliar spray: Irrigation:

1: 600-1000 1: 500-600

Synergistic Uptake:

- Ca+B co-application: 70%↓ tomato cracking

Optimal Combinations:

- Flowering/Fruit Set: Chelated B + Ca

Contraindications:

- Avoid mixing with strong oxidizers

PACKING OPTIONS

Package Options: 10Kg, 20Kg bag or 600Kg bulk bag

Storage: Dry, cool, direct sun light proof, moisture proof warehouse.

Shelf life: 36 months.