

AMINA-Cal

AMINA-Cal is a liquid calcium fertilizer with amino acids that contains calcium, nitrogen and amino acids. The nitrogen it contains is in nitrate, ammonium and organic form. Due to its synthesis, **AMINA-Cal** is easily and directly assimilated by plants and therefore it achieves a fast correction of calcium deficiencies and an enhancement of plant growth. At the same time **AMINA-Cal** improves the qualitative characteristics of the harvest.

CALCIUM is a macronutrient essential for plant nutrition. The main role of calcium is the formation of firm cell walls. As a result, plant tissues become more stable, the firmness of fruits is enhanced and the resistance of fruits against cracking and transportation is fortified. Consequently, calcium improves significantly the qualitative characteristics of the harvest. In case of lack (deficiency) of calcium, initially we observe necrosis of the tissues, marginal necrosis on young leaves, stunted growth in plants and severe degradation of fruits in many crops.

AMINO ACIDS contribute to the formation of chlorophyll and as a result they enhance the photosynthetic capacity of plants and the formation of carbohydrates. Carbohydrates act either as an energy reserve (e.g. starch, glycogen), increasing this way the production capacity of plants, or as structural components (e.g. cellulose), promoting plant growth.

Application rates

Foliar application: 2-7 l per ha (dilution: 1:200-400)

Soil application: 10-25 l per ha

STANDARD ANALYSIS	(% w/w)	(% w/v)
Calcium (CaO)	13.00	17.60
Nitrogen (N)	8.50	11.50
Nitrate-N	7.10	9.60
Ammonium-N	0.50	0.70
Organic-N	0.90	1.20
L-Amino acids	5.00	6.80

PROPERTIES - USES

AMINA-CAL can be used in all crops offering the following benefits:

- ★ Corrects quickly and efficiently calcium deficiencies
- ★ Eliminates bitter pit in apples, blossom end rot in tomato and rachis drying in vineyard
- ★ Stimulates plant growth
- ★ Increases the firmness of fruits
- ★ Improves the qualitative characteristics of the harvest
- ★ Provides high yields to the grower

