

AMINA-Cal is a liquid calcium fertilizer with amino acids. Due to its synthesis, **AMINA-Cal** is easily and directly assimilated by the plants and therefore achieves the quick correction of calcium deficiencies and the enhancement of plant growth. At the same time it improves the qualitative characteristics of the harvest leading to profitable yields.

PROPERTIES - USES

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

- * Corrects quickly and efficiently calcium deficiencies (bitter pit in apples, blossom end rot in tomato, rachis drying in vineyard, formation of small sized fruits, bruising, dehydration of stems, leaf malformations etc)
- * Stimulates plant growth.
- * Improves plant vigour and the stiffness of shoots.
- * Enhances the firmness of fruits and also improves their qualitative characteristics.
- * Increases the levels of calcium in the fruits that are cultivated for human and animal food.
- * Assists in the assimilation of other nutrients by the plant.
- * Provides high yields to the grower.

COMPATIBILITY

It can be mixed with most pesticides and fertilizers. Do not mix with hydroxides, sulphates and phosphates. In any case a compatibility test is recommended before mixing in the tank.

PRECAUTIONS

Harmful if swallowed. Avoid contact with skin and eyes since it causes irritation and possible damage. Wash thoroughly every exposed body part with plenty of water and seek medical advice for the eyes. Use always personal protective equipment (mask, protective clothing, gloves, safety goggles etc) during application.

CAUTION



Acute toxicity
(cat. 4)

Serious eye damage
(cat. 1)

Hazard Statements :

H302 : Harmful if swallowed

H318 : Causes serious eye damage

Precautionary Statements :

P270 : Do not eat, drink or smoke when using this product

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Liquid Solution of Calcium with Amino acids

AMINA-Cal

8-0-0+13CaO

SYNTHESIS	(% w/w)	(% w/v)
Calcium (CaO)	13.0	17.5
Nitrogen (N)	8.5	11.5
Nitrate-N	7.1	9.6
Ammonium-N	0.5	0.6
Organic-N	0.9	1.3
L-Amino acids	5.0	6.8
pH		4.0-4.1
Conductivity (mS/cm)		81.0
Salinity (ppt)		57.0



Content

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PRODUCED BY



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APPLICATIONS-APPLICATION RATE

AMINA-Cal is suitable for vegetables, horticulture (open field, greenhouse, hydroponics), strawberry, fruit trees, citrus trees, vineyards, ornamental plants (bushes, trees), cereals, cotton, corn etc. It is recommended for foliar sprays and soil applications through the drip irrigation system at the following application rates:

Foliar spray: 2-7 l per ha diluted at a rate 1:200-400.

Fertigation: 10-25 l/ha

Hydroponics: 1-2 l/500 l of water

Note: Application rates always depend on the severity of the nutrient deficiency, the type and the size of the crop and the environmental conditions. At the early stages of the crop it is recommended to apply at minimum application rate. Applications can be repeated every 15 days until the symptoms are eliminated.

NUMBER-PERIOD OF APPLICATIONS

Pome fruits: At petal fall, when fruit reaches a diameter of 10mm and then every 7-10 days until harvest.

Stone fruits: After blooming and then according to the needs of the tree for the improvement of the quality of fruits.

Citrus trees: 3 applications per 14 days starting when fruit reaches a diameter of 2-3 cm.

Vineyard: 3 applications per 10 days starting after the formation of the berry.

Strawberry: Every 10-14 days during blooming and fruit set.

Tomato: After blooming and then every 10-14 days according to the needs of the crop.

Pepper, Eggplant: After blooming and then every 10 days according to the needs of the crop.

Lettuce, Spinach, Celery, Other green vegetables: At mid-growth during the formation of the first head. Repeat every 10-14 days according to the needs of the crop.

Onion: During the formation of the bulb and then every 10-14 days until harvest.

Carrot: At 15 cm height.

Potato: 3-4 applications every 21 days after the formation of the tuber.

USE

Do not apply in the heat of the day.
SHAKE WELL BEFORE USE.

STORAGE

Store well sealed in its original container. Keep it in a dry place far from frost, high temperatures and intense sun light. Keep out of reach of pets.

KEEP OUT OF REACH OF CHILDREN