

Agro-Ca

0-0-0 with 12% Ca

FOLIAR NUTRIENT



description

■ **Agro-Ca** is a liquid nutrient designed to prevent and treat calcium deficiencies by foliar or radicular assimilation. Calcium is fixed in the plant and, therefore, applications must be aimed toward growing tissues (young leaves and fruits) that are more susceptible to calcium deficiency. Calcium is essential to maintain the structural integrity of cells. Calcium applications prevent physiological disorders linked to calcium deficiencies: bitter pit in apples, tip burn (marginal necrosis) in lettuce and cabbage, blossom-end rot (apical dehydration) in tomatoes, peppers, and cucumbers, blackheart in celery, cracking in citrus fruits, prunes and cherries, coulure (shatter) in grapes and olives, etc. It must be used based on soil and tissue analyses or as soon as deficiency symptoms appear. For more information on **Agro-Ca**, consult your agricultural representative.

agronomic benefits

- Reduction of many physiological disorders
- Better fruit and vegetable quality
- Better fruit and vegetable preservation
- Decreases crop injuries caused by machinery
- Resistance against diseases

density **1.343 kg/L**

Apply at suggested rates.
Water volume: at least 200 L/ha
(21.5 gallons/acre) for arable and
vegetable crops, 1000 L/ha (100 gallons/acre)
for small fruits and fruit trees.

Guaranteed minimum analysis

Calcium (Ca)	12%
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Rate us gallon/acre

Rate L/ha

Crops

Application timing and remarks

Soil application

Crops	Rate us gallon/acre	Rate L/ha	Application timing and remarks
Potato	4-10	0.4-1.1	At tuber formation, apply on both sides of the furrow. Repeat 7 days later.

Foliar application

Crops	Rate us gallon/acre	Rate L/ha	Application timing and remarks
Apple, pear	10	1.1	Apply 4 times at 10-14 day intervals beginning at petal fall. For varieties highly susceptible to bitter pit, application should begin at tight cluster. NOT recommended on varieties susceptible to chlorine.
Carrot	3-6	0.3-0.6	Apply when plant reaches 10-15 cm (4-6") high.
Celery	3-6	0.3-0.6	Apply when plant reaches 20 cm (8") high. Repeat at 7-day intervals.
Crucifers	3-6	0.3-0.6	From bolting stage.
Lettuce, spinach	3-6	0.3-0.6	From 6-leaf stage. Start just prior to head formation. Repeat at 7-day intervals.
Ornamental plants	1-2	0.1-0.2	In the field, apply 2-3 L/ha if needed; in the greenhouse, put 50 ml in 10 L and spray.
Potato	2.5-6	0.3-0.6	At flowering. Repeat 14 days later or as soon as deficiency appears.
Squash, cucumber, melon, cantaloupe	3-6	0.3-0.6	After fruit setting. Repeat at 15-day intervals.
Stone fruit	5	0.5	Apply at white bud stage. Repeat at 10-14 day intervals.
Strawberry, raspberry, blueberry, cranberry	4-9	0.4-1.0	From flowering stage. Apply three times at 10-day intervals. For day-neutral strawberries, apply six times.
Tomato, pepper, eggplant	3-6	0.3-0.6	When first fruits appear. Repeat at 7- to 10-day intervals.
Vine	7.5	0.8	First application between pre-flowering to flowering and repeat at early fruit set, bunch closure, and beginning of ripening.

Mixing and application. Shake well before using. Fill the tank three quarters full. Start agitation and add product. Clean the empty containers and add the rinsing water to the tank. Add the rest of the water and apply without delay. For best results, apply early in the morning or late in the evening. Always apply when there is sufficient leaf area to intercept spray. Do not apply when outside temperature is too high otherwise culture may be damaged.

Compatibility. This product is compatible with most pesticides and liquid fertilizers except phosphate and sulfate fertilizers. Check compatibility before mixing in application tank or check with your distributor. **Check compatibility as follow.** In a clean, transparent jar, add the water and other products, one by one in the same proportion as proposed application. Agitate gently. Let the jar sit for 30 minutes. Incompatible products will form flakes, sludge, gels or other precipitates. A separation or layering may appear. Do not apply in case of incompatibility.

Storage and disposal. Avoid freezing. Do not pile up more than three containers. **Keep out of the reach of children and pets.** Keep container tightly closed in a well-ventilated area. Do not apply directly to water streams and ponds. Do not contaminate water by rinsing equipment or by waste disposal.

Safety. Always wear gloves and safety glasses when handling the concentrated product. **In case of contact with eyes,** flush with plenty of water. Seek medical assistance. **In case of contact with skin,** wash with clean water. **In case of ingestion, if victim is conscious,** give two glasses of water and induce vomiting. Seek medical assistance.

Caution. This product should be used as stated by this label. It may prove harmful when misused.

Guaranty. The vendor's liability will be limited to the terms of this label. The buyer will then be responsible for all risks and damages to persons or properties resulting from the use of this product, and hereby accepts these conditions.