

Cal 35

Rapid action water soluble calcium for soil, irrigation water amendment and foliar application

Minimum Calcium 35% w/w

WARNING: DO NOT MIX WITH PHOSPHATE OR SULFUR CONTAINING SOLUTIONS

Calcium (Ca) activates enzymes, is a structural component of cell walls, influences water movement in cells and is necessary for cell growth and division. Some plants must have calcium to take up nitrogen and other minerals. Calcium is easily leached. Calcium, once deposited in plant tissue, is immobile (non-translocatable) so there must be a constant supply for growth. Deficiency causes stunting of new growth in stems, flowers and roots. Symptoms range from distorted new growth to black spots on leaves and fruit. Yellow leaf margins may also appear.

For Soil Amendment (Pre Planting)

Maintenance: 20 - 25 kg/ha

Low Calcium Level: 25 –35kg/ha

Very Low Calcium Level: 35 –50kg/ha

For Irrigation Water Amendment:

15-25kg/ha through the irrigation water beginning in early spring or as needed to prevent excessive run-off or excess standing water. May be repeated as necessary to maintain good water penetration and to prevent the buildup of harmful sodium salts.

For Calcium Fertilization:

Cal 35 can be mixed with nitrogen solutions (such as UN 32) at a ratio of 10 parts nitrogen to 1 part Cal35. Apply at standard application timings for side dress or later season water run applications. May be applied alone.

Foliar Application:

Apply at rates recommended by local agricultural experts as a foliar spray to treat a physiological disorder associated with calcium uptake. Use a minimum dilution 1 to 100 (1kg cal 35 mix with 100L water)

STORAGE AND USE PRECAUTIONS

GENERAL:

Avoid mixing with phosphorus or sulfur containing materials, as precipitation may occur.

TANKS:

- Store in polyolefin or polyethylene storage tanks.
- If fiberglass is used, consult manufacturer for compatibility.
- Do not store for extended periods of time in mild steel tanks.
- Although stainless steel tanks are less prone to corrosion than mild steel tanks, they are not recommended for extended storage.

FITTINGS AND VALVES:

- PVC or polypropylene fittings and valves are recommended.
- Do not use nylon fittings and valves.

WARNINGS:

- Harmful if swallowed.
- Avoid breathing spray mist.
- May cause irritation of nose, throat, and/or skin.
- Avoid contact with eyes, skin, and clothing.

If swallowed:

If victim is conscious, have victim drink water or milk. Never give anything by mouth to an unconscious person. Get medical attention.

If in eyes:

Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.



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