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Hydra-Cal 4-0-0

Hydra-Cal is a highly active 3-way blend of acetate, nitrate, and chelated forms of calcium. Hydra-Cal contains a unique biostimulant technology derived from kelp plant extracts designed to increase plant health and root growth.

The combination of highly efficient foliar uptake, root absorption, and chelated calcium maximizes calcium delivery to the leaf tissue as well as to the roots. The addition of boron and magnesium further enhances cell wall strengthening and chlorophyll production.

Mannitol:
Plant accumulation of mannitol protects the plant cells from drought stress. Plants containing levels mannitol are also more tolerant to high concentrations of salt. In addition, mannitol encapsulates the calcium ion, making other nutrients more available to the plant.

Complex Carbohydrates:
Added to stimulate native beneficial microbial populations and help restore organic matter to the root zone. Plant proteins, trace micronutrients and vitamins are found naturally in this high carbon source.

SAR Elicitor

Benefits:

- Foliar and soil calcium absorption
- Enhances cell wall strength
- Kelp Extracts
- SAR Elicitors (stress resistance)
- Plant available Silica (stress resistance)
- Root growth
- Stress resistance (especially heat stress)

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Product Label Information

2.5 Gallons. Weight Per Gallon: 10.37 lbs.

Guaranteed Analysis: 4-0-0

Nitrogen (N).....4.0%
4% Nitrate Nitrogen
Calcium (Ca).....6.0%
1% Chelated calcium (Ca)
5% Water soluble calcium (Ca)
Magnesium (Mg).....1.0%
2.0% Water Soluble Iron (Fe)
Boron (B).....0.02%

Derived from: Calcium nitrate, calcium acetate, calcium gluco-heptonate, magnesium acetate, boric acid, desert plant extracts
Also Contains Non-Plant Food Ingredients: 1.0% Silica (SiO2) Derived From Silicon Dioxide.

Application Recommendation

Hydra-Cal can be tank mixed with other fertilizers or turf chemicals after conducting a jar test for compatibility.

Foliar Cool Season Spray: 1.5 to 3.0 ounces per 1000 square feet
Foliar Warm Season Spray: 1.5 to 3.0 ounces per 1000 square feet
Ornamental: 2.0 to 4.0 quarts per 100 gallons of water and apply as a foliar spray

HydraSmart