



# YaraLiva™

## CALCINIT™ Solution Grade

Soluble Grade Calcium Nitrate			
Total N	15.5%	Solubility (20° C)	1200 g/l water
Nitrate N	14.5%	EC (1 g/l at 25° C)	1.2 mS/cm
Ammoniacal N	1.1% (1.5% max)	pH (10% solution)	6.0
Soluble Calcium (Ca)	19.0%	Color	White
Water Insolubles	0.1%	Bulk density:	68 lb/ft <sup>3</sup> +- 5% Loose

### Nitrate nitrogen

Directly available for plant uptake, resulting in fast and predictable growth responses.

Non-volatile nor adsorbed to soil particles, leaving it readily available to plants. The preferred nitrogen source for most horticultural and high value agricultural crops. Improves plant uptake of the cations potassium, calcium and magnesium.

### Calcium improves

Cell wall strength, leading to better quality, shelf life and increases marketable crop yields.

Cell wall strength, helping plants tolerate disease.

Helps to maintain an optimum root environment for high yielding crops.

Tolerance to heat stress.

### Compatibility

YaraLiva™ Calcinit™, derived from Ammonium Calcium Nitrate Double Salt, can be mixed with all water soluble fertilizers, except stock solutions containing either phosphate or sulphate.

### Screen Analysis

2.0 - 4.0 mm = 90%

<2.0 mm = 10%

### Calcium deficiency

Blossom end rot in tomatoes, tip burn in lettuce, internal rust spot in potatoes are some of the most commonly seen symptoms of calcium deficiency. Calcium uptake takes place passively through the transpiration stream, and it is essential that a fully water soluble supply of calcium is available in the rootzone when plants need it most.



### Benefits

YaraLiva™ Calcinit™ is a fully water soluble nitrogen and calcium fertilizer. It is a free flowing, fine granular or prilled material which dissolves quickly in water without any residues.

YaraLiva™ Calcinit™ is suited to application through all fertigation systems.

YaraLiva™ Calcinit™ is not an oxidizer. 49 CFR 172.102 special provision 34 specifically removes hydrated Ammonium Calcium Nitrate Double Salt from the DOT hazardous materials list 49 CFR 172.101.

