

# MICRONA™ Prill - Gypsum

## Excellent Source of Calcium and Sulfur

Soil Structure Improvement

**MICRONA™ Prill - Gypsum** the high quality you expect, delivering the results you need.

- **Delivers Calcium and Plant Food Sulfur**
- **Does Not Change pH**
- **Supplies Calcium for Acid Loving Crops**
- **Improves Soil Structure**
- **Increases Water Infiltration Rates**
- **Leaches Out Harmful Sodium**

### Quick Reacting Gypsum

MICRONA™ Prill - Gypsum is a durable, round prill made from a superior quality Calcium Sulfate Dihydrate Gypsum, a naturally occurring mineral. The micronized dihydrate form will dissolve into solution rapidly.

### Calcium and Sulfur Nutrition

MICRONA™ Prill - Gypsum adds calcium without changing soil pH, and provides the necessary nutrients, sulfur and calcium. MICRONA's solubility quickly moves these nutrients through the soil profile and into the root zone. Calcium is responsible for many plant essential functions, including cell wall strength, cell membrane function, and disease resistance. Sulfur, in the sulfate form, will aid the plant in chlorophyll and protein production and synthesis of certain plant hormones. Sulfur also increases a plant's efficient use of nitrogen.

MICRONA™ Prill - Gypsum supplies calcium for crops grown in acidic soil. Potatoes, blueberries and Christmas trees will benefit from gypsum application, as well as ornamentals that require a lower pH.

### Reduce Aluminum Toxicity

MICRONA™ Prill - Gypsum has the ability to reduce aluminum toxicity while maintaining an acidic target pH. Aluminum toxicity inhibits deep rooting and limits the uptake of water and nutrients. Application of gypsum can correct aluminum levels through cationic exchange of Ca for Al. The sulfate supplied by the gypsum reacts with aluminum allowing it to be leached out of the soil with irrigation.

### Improve Soil Structure

The application of MICRONA™ Prill - Gypsum, a soluble calcium source, improves soil structure through soil flocculation which prevents crusting. High Mg or Na soils become hard and difficult to manage. Water infiltration and nutrient mobility can be significantly reduced in high magnesium or sodic soil. Soluble calcium, applied at agronomically appropriate rates, stabilizes soil structure through flocculation which increases water and air infiltration and water percolation.

MICRONA™ Prill Gypsum can be applied for remediation of sodic soils. Soil should be analyzed prior to application to determine soluble salts and sodium levels. In order to move the sodium below the root zone, soil must be irrigated following gypsum application.

### Micronized to maximize!

- MICRONA's superior efficiency delivers to your bottom line.
- Add MICRONA™ Prill - Gypsum to your nutrient management program today.

**LMT™**  
Lime Management Technology



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### Guaranteed Analysis

Calcium Sulfate Dihydrate (CaSO <sub>4</sub> · 2H <sub>2</sub> O)	92%
Calcium (Ca)	21%
Sulfur	17%

Derived from gypsum.

Typical Density 58 - 66# / cubic foot

## Application Information

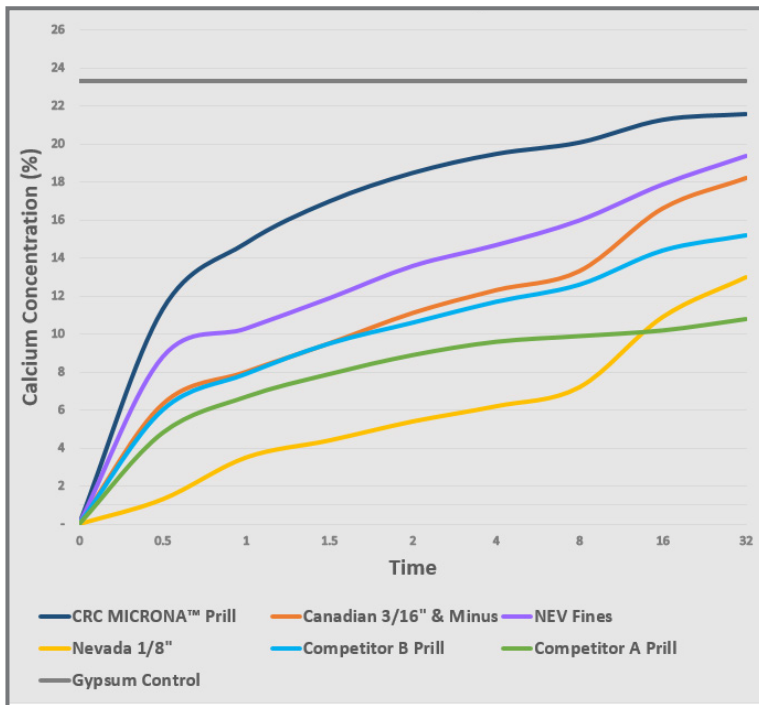
MICRONA™ Prill - Gypsum can be applied easily any time of the year. The consistent size of the round prill allows for convenient blending and even coverage.

- Apply directly to the soil or into the seed furrow.
- Accurate in variable rate applications.

While it is best to spread, then water well afterwards; only small amounts of moisture are necessary to activate the product. Please consult with your crop advisor prior to applications of soil amendments or fertilizers. Follow soil test recommendations for optimum performance. Use as directed.

Typical Application Rate	Pounds Per Acre	Pounds Per 1,000 ft <sup>2</sup>	Pounds Per 100 ft <sup>2</sup>
Corrective	1,000 - 2,000	25 - 50	2.5 - 5
Moderate	500 - 1000	12.5 - 25	1.25 - 2.5
Maintenance	200 - 500	5 - 12.5	0.5 - 1.25

Plant Extractable Calcium / Time



Typical Application Rate for Sodium Reduction\*

Sand	375
Silt	725
Loam	1100
Clay	1800

\*For a 5% decrease in sodium (lbs/acre broadcast)

Notes:



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