

# MICRONA™ AG H2O Solution Grade

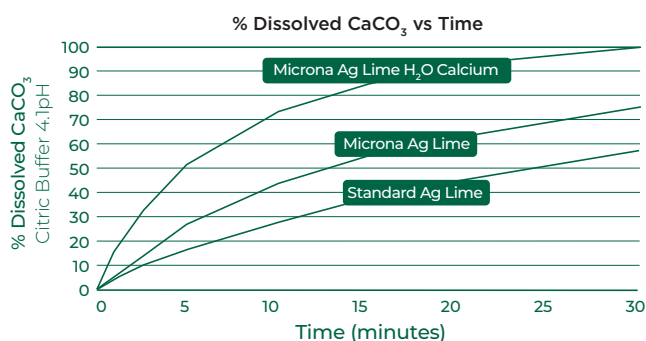
REACTIVE, EFFECTIVE & EFFICIENT



MICRONA AG H2O Solution Grade is made from high-quality, micronized calcium carbonate. This exceptionally fine, dry powder is simple to mix with water for use in direct soil and water applications, including flood or sprinkler irrigation systems.

## Reacts quickly in the soil

The exceptionally fine particles in MICRONA AG H2O Solution Grade have a high surface area to volume ratio, enabling very rapid results for both soil pH correction and calcium nutrition. The particles are retained in the upper horizon of the soil, so application rates can be reduced. This fast reactivity makes it the most effective liming material on the market.



## Supports crop quality

Calcium is an essential nutrient for cell structure and strength. Deficiency leads to greater incidence of disorders such as blossom end rot, bitter pit and corking.

MICRONA AG H2O Solution Grade improves crop quality and storability in grapes, pome and stone fruit, berry, nursery stock and other valuable specialty crops, resulting in greater marketable yield.

Soil pH has an influence on other crop diseases such as clubroot in brassicas, common scab in potatoes, and fusarium. Correcting soil acidity before planting can help reduce their incidence and protect yields.



## Encourages healthy microbiome

Soil microorganisms rely on neutral soil pH for the effective breakdown of organic matter. Research by soil microbiologists (Fuentes et al., 2006) has shown that fine agricultural lime has the largest positive impact on earthworms and microbes, compared with coarser lime or dolomite.



## Delivers predictable, repeatable results

MICRONA AG H2O Solution Grade is easy to use at any time of year for rapid soil pH correction and crop nutrition.

**Delivers predictable, repeatable results. Always has. Always will.**



# MICRONA™ AG H2O Solution Grade

A highly-reactive, fast-acting soil amendment that supplies essential calcium nutrition to the crop.

- Raises soil pH quickly
- Fast uptake of calcium for greater crop resilience
- Supports crop quality and marketable yield
- Suitable for all direct soil and water applications.

## Guaranteed analysis

|                                        |     |
|----------------------------------------|-----|
| Calcium (Ca)                           | 38% |
| Calcium carbonate (CaCO <sub>3</sub> ) | 96% |
| Calcium carbonate equivalent (CCE)     | 98% |
| [Oregon] Lime score                    | 97  |
| Derived from limestone.                |     |

## Sieve analysis

|                                |      |
|--------------------------------|------|
| Amount passing 60 mesh sieve:  | 100% |
| Amount passing 100 mesh sieve: | 100% |
| Amount passing 325 mesh sieve: | 99%  |



## Application recommendations

MICRONA AG H2O Solution Grade can be applied easily at any time of year. It is simple to mix with water for use in flood or sprinkler irrigation systems.

- **Fluid lime preparation: Requires agitation in a suspension of 8 lbs/gallon applied at 125 to 500 lbs/acre**
- **Can also be broadcast as a dry application and watered in.**

Please consult your crop advisor prior to applications of soil amendments or fertilizers for optimal performance. Use as directed.

## Typical Physical Characteristics

Ultra fine, high quality, white Calcium Carbonate product.

|                            |                       |
|----------------------------|-----------------------|
| Moisture                   | < 0.2%                |
| Specific Gravity Limestone | 2.7 g/cm <sup>3</sup> |
| pH                         | 9                     |
| Density (Scott)            | 31.2 lbs/ft           |
| Density (packed)           | 50 - 60 lbs/ft        |
| CAS                        | #1317-65-3            |



**COLUMBIA RIVER  
CARBONATES**

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