

entra Micronised Gypsum

Product of
Australia

Use in Fertigation

Entra is a soluble source of Calcium and Sulphur that can be injected into a range of irrigation systems; center pivots, micro-sprinklers and drip irrigation.



Entra at 25 kg / 10,000 L is completely soluble.

This provides 25 kg of Calcium Sulphate per 1 mm of irrigation.

- ✓ Compatibility - If you mix it with Calcium Nitrate you can mix it with Entra
- ✓ Cold water mixing
- ✓ Turbid water mixing
- ✓ Suspended Entra readily re-suspends with agitation

A typical irrigation event could carry 250 kg of Entra in solution.

- 1 mm of watering = 10,000 L / ha
- Typical watering irrigation is at least 10 mm (or 100,000 L / ha)
- Entra solubility is 2.5 g / L (25 kg / 10,000 L)

This means the irrigation event of 10 mm could carry 250 kg / ha of Entra in solution! Not a suspension.

Check the maths!

Soluble | A source of Calcium and Sulphur | Nitrate Free | Economical

Common Fertigation Systems

- Continuous metering to the mainline
- Addition to the mainline in the middle of the irrigation period

Common Mixing Methods

- **Continuous** - Addition of Entra at maximum 25 kg / 10,000 L to provide a Calcium Sulphate solution for continuous metering to the mainline before the main filter.
- **Centralised Static System** - Entra 1 Mt / 10,000 L of water suspended with agitation for addition to the mainline where the suspension is solubilised usually in the middle of the irrigation period.
- **Mobile Batch System** - Stock batch of Entra maximum 1 Mt in 4000 L is suspended with strong agitation and accurately metered into the mainline where solubility occurs.



An example

- Add 1 Mt of Entra to a 4000 L tank, similar to the one pictured (that is a 1:4 ratio).
- Keep it agitated.
- Progressively inject this suspension at a maximum rate of 1 L : 100 L of mainline flow.
- Solubilisation occurs in the mainline.
- At 25 kg / ha the contents of the tank will cover 40 ha.

Contact Fertec to establish the best way to mix and inject Entra into your irrigation system

Soluble | A source of Calcium and Sulphur | Nitrate Free | Economical