With Macro Prima™ the Water Really Does Get In!

Make every drop count this summer with Macro Prima™ — Australia's leading premium liquid calcium.

By applying Macro Prima™ in the Spring you can improve your water use efficiency immediately.

A dry winter can prove disastrous for many storage dams and bores that supply irrigation water to horticultural crops. It is imperative that you act now to maximise what water you have available. Not only will the amount of water available be an issue, the quality of the water may also prove to be a significant problem. High sodium levels in water and soil can be catastrophic — limit your risk and act now.

In a recent trial, Macro Prima™ improved the speed at which water enters soil. After 18 hours of applying the water, all water in the infiltration ring had entered the soil where Macro Prima™ had been applied, while only a quarter of the water had entered the soil on the control.

Local Trials and Immediate Results

In a recent trial to assess Macro Prima™'s effect on dispersive clay permeability, Macro Prima™ was applied at two rates (50 L/ha and 100 L/ha) along with a control and a commercial-grade, high-analysis gypsum applied at 1 t/ha. The soil was left for 7 weeks to allow the treatments to penetrate into the soil.

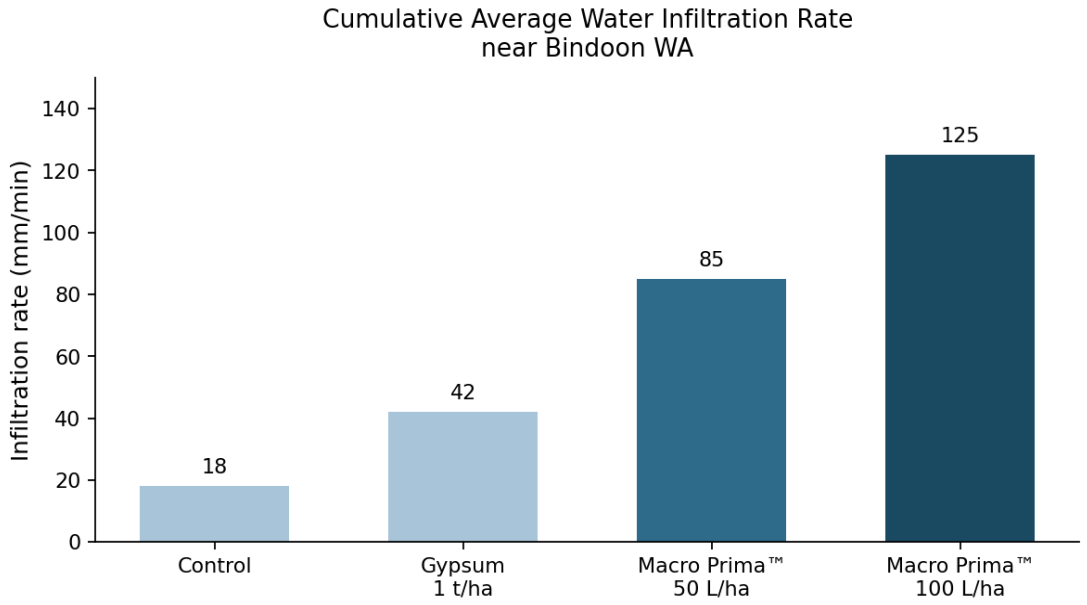

Figure 1. Cumulative average water infiltration rate (mm/min) near Bindoon WA. Macro Prima™ treatments showed substantially higher infiltration than control or gypsum.

Benefits of Macro Prima™

- Improving water use efficiency by opening up dispersive soils
- Increasing soil flocculation levels by displacing sodium
- Buffering excess sodium to prevent dehydration in dry conditions
- Improving fruit internal quality and remediating albedo breakdown via the calcium technology in Macro Prima™
- Improved fertiliser efficiency
- Significant savings on water applications

Grower Feedback — Boort Olive Grove

“We are extremely pleased with the results from internal trials of infiltration rates at our Boort Olive grove using Macro Prima™. The results are very impressive, almost unbelievable, increasing infiltration by up to 1,500% in our worst soils. We are now applying 50 litres per hectare across the whole 3,000 ha Boort grove as a soil ameliorant purely to increase water infiltration rates. In the past we have applied tonnes of lime and gypsum with limited success.”

Don’t miss this opportunity to learn how best to manage your water this season.

Want to talk more about the Wilchem range?

Contact Wilchem Agriculture to discuss how Macro Prima™ can improve water infiltration and nutrient efficiency on your property.