

# OC Boron

## Organically Chelated Trace Elements

Boron
17%

**Boron is critical to the flow of sugars from the leaf, in fact without sufficient Boron the sugars (carbohydrates) produced in the leaf via photosynthesis are unable to travel throughout the plant or to the root system and the soil.**

**OC Boron** has a very high mineral concentration, **up to 50% more than similar products**. This high analysis chelated form of Boron is extremely effective in addressing and adjusting Boron deficiencies, and because of its high analysis and more effective uptake, **OC Boron** performs at very low application rates making it **very cost effective**.

The **OC Range** of Trace Elements is a new concept in plant nutrition. Unlike traditional chelates which have their origins in medical research, the **OC Range** has been specially formulated for use in plant systems. They use an array of organic chelating and complexing agents in order to ensure a safer, more effective uptake and translocation of nutrients within the plant.

**Multi-Chelation:** A number of different chelating agents are used in the formulation of the **OC Range** including organic acids, amines, amides, as well as organic fermentation by-products. This unique process **increases the availability, efficiency and suitability** of the products, and reduces plant selectivity which occurs with traditional chelated nutrients.

**Size:** Due to the unique Organic chelation method, the **OC Range** of products have a **very small molecular size** (approx 5% the size of an EDTA chelate for example), which facilitates and improves plant uptake.

**Bio-availability:** Plants don't have to convert or change the nutrients to other chemical forms. This not only helps reduce the demand for energy, but also **quickens the response to their application**.

**Intermediate Chelate Stability:** The most efficient chelating agents are those with intermediate stability (those that don't hold the nutrients either too tightly or too loosely). The chelating strength of the agents used in the products fall in this category.

### Application Rates

Apply as a foliar at 2 - 4 grams/100m<sup>2</sup>.