

# BIOSTIM BORON

BORON CHELATED

## 4 things you may not know about Boron

1. Promotes flowering structure such as tube lengths, pollen and nectar levels<sup>1</sup>
2. Draws Ca into fruit.<sup>2</sup>
3. Promotes durable fruit with thicker cell walls via Pectin synthesis
4. Can leach out of soil profiles

## Promotes Flowering Structure

Boron affects the

- production of pollen (plant sperm)
- viability of pollen grain
- quantity & composition of sugar in nectar<sup>3</sup>
- growth of the pollen tube – essential for good fertilisation

## Boron and Calcium

- Without Boron, Ca will have difficulty entering fruit, which helps avoid defects
- Boron is required to stabilise the bond with Ca giving firmness to fruit tissue

## The Solution

- Apply from flower bud to early colour in small regular foliar sprays
- Foliar applied Boron has rapid movement from leaves to flowers and fruit<sup>4</sup>
- Maximum mobility of Boron is achieved when it is complexed with the right sugar – in this case triethanolamine.

## Why Biostim Boron

- Biostim Boron is complexed with triethanolamine
- Proven history of effective uptake
- Clean safe product
- 100% of the Boron content is available
- Liquid concentration (not powder)
- Biostim Boron is fully complexed (not all chelates are the same)
- Maximise flowering and fruit set, then draw Ca into the fruit.



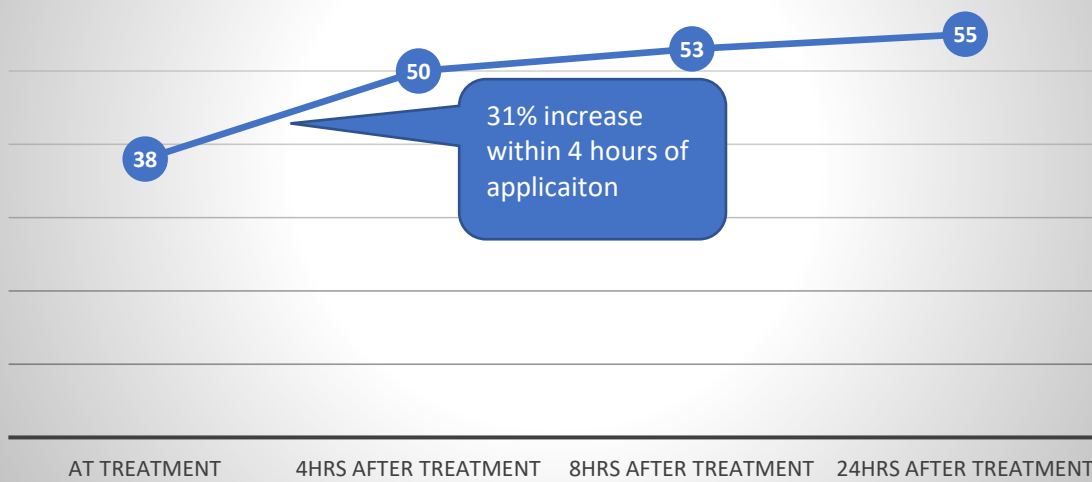
<sup>1</sup> (P Brown, UC Davis) Argawala et al (1981)

<sup>2</sup> (Silva & Rodriguez, 1996)

<sup>3</sup> Argawala et al (1981)

<sup>4</sup> Picchioni et al. (1995) and Hanson (1991)

## Fast and sustained uptake for Biostim Boron - Australia 2009



## APPLE

