



**AG~NUTRI
PTY. LTD.**

The proven formulation for potato production

LIG-ZINC + BORON (Zn 6%, B 2%)

- ▶ Fully chelated for maximum crop availability
- ▶ Binds to leaves even under centre pivot irrigation
- ▶ Can be applied very early with minimal leaf area
- ▶ Absorbed and available to the plant very quickly
- ▶ Optimizes tuber set, improves pack-out & crop value
- ▶ Boron promotes calcium uptake & tuber fill



Application

Rate: 4 L/ha

Timing: 7, 21 & 35 Days after emergence

- SA/TAS/WA - 0408 633 661 • QLD/NT - 0439 520 744/0439 520 746 • VIC/NSW – 0407 040 820 •
- Email: info@sjbagnutri.com.au • Technical support - 0407 040 820 • Fax: (03) 5862 1279 •





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LIG-ZINC + BORON (Zn 6%, B 2%)

Early application of **LIG-ZINC + BORON** is very important for tuber initiation in potatoes. Summer grown potatoes commence tuber initiation (hooking) 1-2 weeks after emergence and require good levels of **Zinc** within the plant to ensure optimal tuber set.

Zinc & Boron are essential for the synthesis of plant hormones.

These include growth hormones such as:

Cytokinins – top growth

Gibberellins – top growth & flowering

Auxins – root & top growth

And also stress hormones such as:

Abscisic Acid - senescence

Jasmonic Acid – tuber initiation

When potato plants are setting tubers, during the reproductive stage, there must be adequate levels of the 'stress hormone' in order to slow plant growth and optimize tuber set. Therefore early application of **LIG-ZINC + BORON** may **temporarily reduce vegetative growth** in favour of reproduction. It is also important to remember that high nitrogen application during the reproductive stage will inhibit tuber set, as nitrogen stimulates the levels of 'growth hormones'. Therefore the right balance of Nitrogen and **Zinc** during the early stages of growth is essential.

The effects of zinc & boron deficiency and high plant Nitrogen levels on tuber set are significant.

1. Poor tuber set > Lower yields
2. Uneven tuber size > Poor pack-out
3. Secondary tuber set > Poor pack-out
4. Poor tuber quality > Less \$/ha

LIG-ZINC + BORON is extremely effective because of the speed it is absorbed and utilized by the potato plant.

