

SUPA CAL® BOR

6% Calcium, 2% Boron

Readily available nitrate free calcium and boron solution.

BENEFITS OF SUPA CAL® BOR

- Readily available nitrate freed boron and calcium solution ideal for soil and foliar applications. Boron is complexed with non-reducing stable sugars and low molecular weight lignosulphonate molecules for its effective uptake and translocation when applied via soil or foliar applications.
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- Boron is complexed with non-reducing stable sugars and the low molecular weight lignosulphonate molecule for its effective uptake and translocation when applied through soil or as foliar applications
- Boron application with calcium ensures better uptake of calcium and its fixation in the cell wall to improve the shelf life of fruit
- Boron helps in pollination, sugar movement, nucleic acid biosynthesis, potato skin lignification and lignification of shoots especially in vines
- Important for improving fruit set and quality
- Contains physiologically ideal ratio of calcium and boron to promote fruit firmness, fruit growth, spud development and bulking
- Supply calcium to the crops especially in situations requiring no or minimal amounts of nitrate nitrogen, such as at fruiting.
- Eliminates calcium and boron deficiencies/disorders in crops

THE IMPORTANCE OF CALCIUM

Calcium is required for the cellulose precursors in cell wall formation. It also stabilises cell membranes and protects them, an important attribute under stress conditions. In fruit crops it is required in high quantities as it is important for fruit quality and shelf life. When plants are threatened by infection, calcium combines with a protein stimulate salicylic acid (SA) production. Calcium deficiency leads to poor fruit set, blossom-end-rot, bitter pit in apples, cell collapse and tissue death.

THE IMPORTANCE OF BORON

Boron is needed for sugar movement within the plant, as well as formation of new cells at growing points. Boron also improves pollination, seed development and assists with the utilisation of calcium.

SUPA CAL[®] BOR

CHARACTERISTICS: pH: 5.5 – 6.5 ; Specific Gravity: 1.19 – 1.20

AUS Analysis W/W%: 6.0% Ca, 2.0% B

International Analysis W/W%: 5% Ca, 1.7% B

APPLICATION

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar: 2 – 4 L/ha** in a minimum of 40 - 80 L final spray volume*. Canola: best applied at late cabbage stage, may be use at other stages. Other crops: Apply at 3 – 4 leaf stage. Cotton: Apply from first flowering until 14 days pre harvest.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar: 5 – 7 L/ha** in a minimum of 500 - 700L final spray volume. **Fertigation: 10 - 15 L/ha.** Apply to newly hardened spring flush or during active growing period and post harvest. Stone fruit: **DO NOT apply to foliage. Best applied via soil.**

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar: 4 – 8 L/ha** in a minimum of 600 - 1200L final spray volume. **Fertigation: 10 - 15 L/ha.** Apply to newly hardened spring flush or during active growing period and post harvest.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes, Watermelons, Pumpkins. **Foliar: 4 – 8 L/ha** in a minimum of 400 - 800L final spray volume. **Fertigation: 10 - 15 L/ha.** Apply from early vegetative stage until 14 days pre harvest.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar: 3 – 5 L/ha** in a minimum of 300 - 500L final spray volume. **Fertigation: 8 - 10 L/ha.** Apply from early vegetative stage until 14 days pre harvest.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar: 4 – 8 L/ha** in a minimum of 400 - 800L final spray volume. **Fertigation: 10 - 20 L/ha.** Foliar spray, early season or when leaf area is sufficient to intercept spray. Apply with compatible crop protection sprays.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar: 3 – 5 L/ha** in a minimum of 300 - 500L final spray volume. **Fertigation: 10 - 15 L/ha.** First application: shoots 10cm long. Second application: 5% flowering. Bunch finish for table grapes. **DO NOT exceed label rates or solution concentration. DO NOT spray if fruit to be harvested within one week.**

Fertigation: rates are dependent on seasonal nutrient demand. Agitate contents well prior to application. **WARNING: Boron can be toxic to bees DO NOT apply when bees are active in the crop.**

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NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.