

BIO ELITE

*Proprietary blend of organically
derived compounds*

An activated plant bio effector and stress fighter

BENEFITS OF BIOELITE

- Faster germination and emergence when applied to seed or at planting
- Increased plant respiration rates
- Significantly enhances root development
- Improves nutrient uptake and utilization
- Reduction in abiotic stress, such as high temperatures or water stress when applied prior the onset of such stress events
- Improved plant health and protein synthesis
- Increased yields by 5 - 25% compared to untreated controls
- In plant response to BIOELITE lasts for 21 - 31 days in the plant
- The greatest yield impact is from early applications

BIOELITE enters the plant cells and triggers cellular Pattern Recognition Receptors (PRR) which activates several biochemical pathways and enhances gene expression

- Activates ribosomes to modulate genetic expression
- Triggers responses with all 5 plant hormone groups
- Activates mineral nutrient transformation and movement
- The natural organic compounds in BIOELITE are among the most biologically active compounds found in nature. The low application rates, fast biological response and wide-spread applications make BIOELITE a unique biostimulant
- Totally natural product, highly efficacious and environmentally friendly
- Completely sustainable and active within the plant within minutes of application
- Activates biotic and abiotic stress defense genes
- Speeds up respiration rates by mitochondrial activation

BIOELITE

CHARACTERISTICS: pH: 6.5 - 8.0; Specific Gravity: 1.01 - 1.02

AUS Analysis W/V%: A proprietary blend of organically derived naturally compounds

APPLICATION

BROADACRE : Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar:** 100 ml/ha in a minimum of 50 - 100L final spray volume. **Seed Dressing:** 25 ml/100kg First application as a seed treatment, then two – three foliar treatments when leaf area is sufficient to intercept spray at 21 – 30 day intervals.

CUT FLOWERS & ORNAMENTALS OPEN FIELD: Such as Carnations, Gypsophilla, Roses & Statice. **Foliar:** 100 ml/ha in a minimum of 250L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply 3 - 4 applications, when leaf area is sufficient to intercept spray at 28 day intervals.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear , Pistachio and Walnut. **Foliar:** 100 ml/ha in a minimum dilution of 250L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply at or near bud break, then two - three more treatments at 21 - 30 day intervals. Finally a post-harvest treatment to aid with root development.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar:** 100 ml/ha in a minimum dilution of 250L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply to hardened summer flush, then repeat two - three more treatments at 21 – 30 day intervals. Finally a post-harvest treatment to aid with root development.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes, Watermelons, Pumpkins. **Foliar:** 100 ml/ha in a minimum of 250L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply 3 - 4 applications, when leaf area is sufficient to intercept spray at 28 day intervals. For best result apply with Agrichem nutritional products.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar:** 100 ml/ha in a minimum of 250L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply 3 - 4 applications, when leaf area is sufficient to intercept spray at 28 day intervals.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar:** 100 ml/ha in a minimum of 250L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply 3 - 4 applications, when leaf area is sufficient to intercept spray at 28 day intervals.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar:** 100 ml/ha in a minimum of 50L final spray volume. **Fertigation:** 100 - 120 ml/ha. Apply at or near bud break, then two - three additional treatments at 21 – 30 day intervals. Finally a post-harvest treatment to aid with root development.

Agitate contents well prior to application.

DO NOT APPLY in the heat of the day.

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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.