



YaraVita™

Bortrac 150™

A concentrated boron product formulated for foliar application

Guaranteed Analysis:

Boron (B)	15% w/v	150 g/L
nitrogen (N)	6.5% w/v	65 g/L

Why Foliar Apply?

Foliar sprays ensure precise application of the right nutrient mix at the right time, and can be specifically targeted to the leaf or fruit, to suit an immediate crop need.

Foliar application also provides nutrients for immediate uptake by the leaves or fruits. As a result, the grower is not reliant on the right soil, pH or growing media conditions and can quickly put the crop back on course.

Boron requirements:

Boron is essential for the integrity and optimal function of membranes and through this role is known to influence diverse functions such as; carbohydrate metabolism, flower formation, pollen germination, fruit setting, water management and transport within the plant.



Benefits:

- Formulated for safe application at critical growth stages to satisfy crop requirements.
- Widely tank mixable with other crop sprays. Visit www.tankmix.com/yara for details
- Proven, reliable performance. Trialled and tested on a wide range of crops around the world
- High quality, consistent product. Manufactured to ISO 9001 quality assurance standards
- Easy to use liquid formulation. Pours and disperses easily and quickly into the spray tank.
- High nutrient content means lower application rates reducing handling time and waste packaging.



Product Recommendations

Typical Crop Recommendations*

- **Acacia:** 1 to 2 L/ha applied during spring or autumn flush. Water rate: 20 L/ha minimum.
- **Apple:** 1-2 L/ha applied at pink bud, start of flowering, and again at petal fall. 2 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Apricot:** 1 to 2 L/ha at winter bud and again at pink bud. 2 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Asparagus:** 2-4 L/ha applied to ferns prior to senescence. Water rate: 50-200 L/ha.
- **Avocado:** 2 applications of 1.5-2.5 L/ha applied at spring bud development and again at spring flush. Water rate: 500-1000 L/ha.
- **Bananas:** Regular applications may be necessary where low or marginal levels of boron exist. Spray at 300 ML-1 L/ha per application. Water rate: 30-500 L/ha.
- **Beans:** 2-3 L/ha when plants are 10 to 15 cm high or there is sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Blueberries:** Apply 2 L/ha just before onset of leaf drop. Repeat the application at bud separation the following fruiting season. Water rate: 200 L/ha.
- **Brassicac:** 2-3 L/ha applied at 4 to 9 leaf stage then at onset of stem extension or prior to head development. Water rate: 50-500 L/ha.
- **Canola:** 2 to 3 L/ha applied at 4 to 9 leaf stage then at onset of stem extension or prior to head development. Water rate: 50-200 L/ha.
- **Capiscums (Field Grown):** 2-3 L/ha at early flowering to fruiting, with two repeat applications at 10 to 14 day intervals if necessary. Water rate: 200 L/ha.
- **Capiscum (Field Grown):** 2 to 3 L/ha at early flowering to fruiting, with two repeat applications at 10 to 14 day intervals if necessary. Water rate: 200 L/ha.
- **Carrot:** 3-5 L/ha soil-applied prior to sowing. 3 L/ha foliar-applied when sufficient leaf area to intercept spray, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Celery:** 3 L/ha at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 50-200 L/ha.
- **Cereals:** 350 ML-1 L/ha. Apply from the 4 leaf stage to pseudo stem erection (Zadoks G.S. 14-30). Water rate: 200 L/ha.
- **Cherry:** 2 L/ha pre-flowering and 2 applications of 2 L/ha applied after petal fall and repeat at 7 to 14 days later. Water rate: 500-2000 L/ha. Autumn: 2-3 L/ha after harvest but before leaf senescence.
- **Citrus:** 2-3 L/ha at white bud or when flower buds separated. Water rate: 500-1000 L/ha.
- **Clover:** 1 L/ha just after every cut. Water rate: 50-200 L/ha.
- **Coffee:** 3 to 5 L/ha soil-applied. 1 L/ha applied to foliage early in the growing season, pre-flowering and again post harvest. Water rate: 200-500 L/ha.
- **Cotton:** 1-2 L/ha applied at 4 to 6 leaf stage, appearance of first squares and again at first open flowers stage. Water rate: 50-150 L/ha.
- **Cucumbers (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Cucurbits (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Custard Apple:** 1 to 2 L/ha to mature spring growth and again on summer growth. Water rate: 500-1000 L/ha.

- **Eucalyptus:** 1 to 2 L/ha applied during spring or autumn flush. Water rate: 20 L/ha minimum.
- **Grapevines:** Soil application: 3 to 5 L/ha. Foliar application: 1.5 L/ha at flower truss visible and at flower buds separated, and again at fruit set. Water rate: 500-1000 L/ha.
- **Peanuts:** 1 to 2 L/ha at 4 to 6 leaf stage. Water rate: 50-300 L/ha.
- **Kiwi:** 1 to 2 L/ha applied at bud burst or after harvest before leaf fall. Water rate: 500-1000 L/ha.
- **Lettuce (Field Grown):** 1 to 2 L/ha 10 to 14 days after transplanting or emergence. Water rate: 500 L/ha.
- **Longan:** 1.5 L/ha applied before flowering and again after flowering. Water rate: 400-500 L/ha.
- **Lucerne:** 2 L/ha every 3 to 4 cuts. Water rate: 50-200 L/ha.
- **Lupins:** 2 to 3 L/ha when plants are 10 to 15 cm high or there is sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Lychee:** 1 to 2 applications of 2 L/ha applied at bud development to early flush at a 10 to 14 day interval. Also, 2 L/ha applied post harvest. Water rate: 500-1000 L/ha.
- **Macadamias:** 3 applications of 1 L/ha commencing at early budding with 14 day intervals between applications. Water rate: 500-1000 L/ha.
- **Maize:** 2 to 4 L/ha at 6 to 8 leaf stage. Water rate: 50-200 L/ha.
- **Mango:** One or two applications of 2 L/ha at bud development to early flush at a 10 to 14 day interval. Water rate: 500-1000 L/ha.
- **Melon (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Nectarines:** 1 to 2 L/ha at winter bud and again at pink bud. 2 L/ha after harvest but before leaf senescence.
- **Nuts (Deciduous):** 1 L/ha applied at spring bud burst, first emergent leaves, and again during nut development. Water rate: 500-1000 L/ha.
- **Olive:** 2 to 3 L/ha applied at bud break and again at the opening of the calyx if necessary. In addition, one or two applications of 2 to 3 L/ha at a 10 to 14 day interval post-flowering. Also, 2 to 3 L/ha applied post-harvest. Water rate: 400-1000 L/ha.
- **Onions:** 2 to 4 L/ha soil-applied prior to sowing. Alternatively, 2 L/ha when there is sufficient leaf area to intercept the spray. A second application may be applied at the same rate 10 to 14 days
- **Pawpaw:** 2 L/ha prior to flowering. Water rate: 200-600 L/ha.
- **Passion Fruit:** 2 L/ha at flower buds visible. Water rate: 400 L/ha.
- **Peach:** 1 to 2 L/ha at winter bud and again at pink bud. 2 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Pears:** 1 to 2 L/ha applied at pink bud, start of flowering, and again at petal fall. 2 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Peas:** 2 to 3 L/ha when plants are 10 to 15 cm high or there is sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Persimmons:** 1 to 2 L/ha 10 to 14 days before flowering. Water rate: 500-1000 L/ha.
- **Pineapple:** 2 L/ha pre-flowering. Water rate: 200-500 L/ha.
- **Plum:** 1 to 2 L/ha at winter bud and again at pink bud. 2 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Poppy:** One to three applications of 3 L/ha at 10 to 14 day intervals commencing once there is adequate leaf cover to intercept the spray, and continuing up to the start of flowering. Water rate: 200 L/ha.

- **Potatoes:** 2 L/ha 10 to 14 days after 100% emergence. Repeat if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Pumpkin (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Squash (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Strawberry (Field Grown):** 1.5 L/ha applied at green bud and again at white bud. Water rate: 200-500 L/ha.
- **Sunflower:** One or two applications of 2 L/ha from 2 to 8 pairs of leaves, with a 10 to 14 day interval between sprays. Water rate: 50-200 L/ha.
- **Tobacco:** 2 applications of 2 L/ha 2 to 3 weeks after transplanting with 10 days between applications. Water rate: 200-500 L/ha.
- **Tomato (Field Grown):** 2 L/ha when plants are 15 cm high. Repeat if necessary at 10 day intervals. Water rate: 50-500 L/ha.
- **Water Melon (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.
- **Zucchini (Field Grown):** 2 L/ha at 4 leaf stage, repeated if necessary 10 to 14 days later. Water rate: 50-200 L/ha.

*The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions. Always read the label before use.

YARA AUSTRALIA PTY LTD
201 Miller Street, North Sydney, NSW 2060
Australia
Freecall: 1800 684 266
Tel.: 02 9959 4266 Fax 02 9959 4050
Websites: www.yara.com.au www.yaraphosyn.com

Phosyn Analytical (& MEGALAB)
Tel.: 07 5568 8700 Fax 07 5522 0720
Email phosynanalytical@phosyn.com

