



Knowledge grows

YaraVita[®] POWERBOR[™] Ca

A formulated multi-nutrient product for the treatment of deficiencies by foliar application

Guaranteed Analysis	
Total Nitrogen (N)	4%
Urea Nitrogen	4%
Calcium (Ca)	15%
Boron (B)	3%
Zinc (Zn)	6%
Derived from Urea, Calcium Carbonate, Boric Acid, Zinc Oxide	

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.



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. Tried 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*

- **Almond:** 1 to 2 quarts/acre at spring bud burst, first emergent leaves and again during nut development. Alternatively, 1 to 2 quarts/acre at bud break and after harvest before senescence. Water rate: 50 to 100 gallons per acre.
- **Apple:** Three applications of 1 to 2 quarts/acre at pink bud, start of flowering and again at petal fall or one application of 1 to 2 quarts/acre at bud burst followed by one application of 1 to 2 quarts/acre at petal fall. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons per acre minimum.
- **Apricot:** 1½ to 2 quarts/acre applied pre-flowering and again after petal fall. Also, 1½ to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Asparagus:** 1 to 2 quarts/acre applied to ferns prior to senescence. Water rate: 50 to 200 l/ha
- **Aubergine (Field Grown):** 1 to 2 quarts/acre applied from the 4 to 6 leaf stage onwards. Repeat applications may be necessary at 10 to 14 day intervals. Water rate: 50 gallons per acre.
- **Avocado:** 1 to 2 quarts/acre at spring bud development and again at spring flush. Water rate: 50 to 100 gallons per acre.
- **Beans:** 1 to 2 quarts/acre when crops is 4 to 6" tall. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later. Water rate: 20 gallons/acre.
- **Blackberry:** 1 to 2 quarts/acre at green bud and also postharvest pre-leaf fall. Water rate: 20 gallons per acre.
- **Blackcurrant:** Two applications of 1 to 2 quarts/acre applied at flower bud stage and repeated 10 to 14 days later (start of flowering). Also, apply 1 to 2 quarts/acre post-harvest, pre-leaf senescence. Water rate: 20 to 50 gallons per acre.
- **Blueberries:** Apply 1 to 2 quarts/acre just before onset of leaf drop. Repeat the application at bud separation the following fruiting season. Water rate: 20 gallons per acre.
- **Cole Crops:** 1 to 2 quarts/acre at 4 to 6 leaf stage with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 5 to 20 gallons per acre.
- **Cashew Nut:** 1 to 2 quarts/acre applied before flowering and again after flowering. Water rate: 50 gallons per acre. Celery: 1 to 2 quarts/acre from 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 5 to 20 gallons per acre.
- **Cherry:** 1½ to 2 quarts/acre applied pre-flowering and again after petal fall. Also, 1½ to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Citrus:** 1 to 2 quarts/acre applied before flowering and again immediately after flowering. Water rate: 40 gallons per acre.
- **Conifers:** 2 applications of 1 to 2 quarts/acre at the start of new season leaf production, and again in early autumn. Water rate: 50 to 100 gallons/acre.
- **Cotton:** 1 to 2 quarts/acre at 4 to 6 leaf stage, at appearance of first flower bud squares and again at open flowers stage. Water rate: 2 to 15 gallons per acre.
- **Courgette (Field Grown):** 1 to 2 quarts/acre from the 4 leaf stage. Repeat at 10 to 14 days intervals if necessary. Water rate: 5 to 20 gallons per acre.
- **Cucurbits (Field Grown):** 1 to 2 quarts/acre from the 4 leaf stage. Repeat at 10 to 14 days intervals if necessary. Water rate: 5 to 20 gallons per acre.
- **Garlic:** 1½ to 2 quarts/acre as soon as there is sufficient foliage to intercept spray. A second application may be made at the same rate 10 to 14 days later. Water rate: 5 to 20 gallons/acre.
- **Grapevines:** 1 to 2 quarts/acre at flower truss visible, at flower buds separated and at fruit set. Also, 1 to 2 quarts/acre after harvest before leaf senescence. Water rate: 20 to 100 gallons per acre.
- **Green Bean:** 1 to 2 quarts/acre applied before flowering and again after flowering. Water rate: 20 to 40 gallons per acre.
- **Groundnuts/Peanuts:** 1 to 2 quarts/acre at the 4 to 6 leaf stage. Water rate: 5 to 30 gallons per acre.
- **Hazelnuts:** 1 to 2 quarts/acre applied immediately post fertilization (e.g. mid-May in the northern hemisphere) and again 10 to 14 days later. Water rate: 50 to 100 gallons per acre.
- **Lettuce (Field Grown):** 1½ to 2 quarts/acre 10 to 20 days after transplanting or emergence. Water rate: 50 gallons/acre.
- **Macadamia:** Three applications of 1 to 2 quarts/acre applied at 14 day intervals from early budding to nut development. Water rate: 50 to 100 gallons per acre.
- **Maize:** 1 to 2 quarts/acre at 4 to 8 leaf stage. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later. Water rate: 3 to 20 gallons per acre.
- **Nectarines:** 1½ to 2 quarts/acre applied pre-flowering and again after petal fall. Also, 1½ to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Nuts (Deciduous):** 1½ to 2 quarts/acre at spring bud burst, first emergent leaves and again during nut development. Water rate: 50 to 100 gallons/acre.
- **Onion:** 1½ to 2 quarts/acre as soon as there is sufficient foliage to intercept spray. A second application may be made at the same rate 10 to 14 days later. Water rate: 5 to 20 gallons/acre.
- **Peach:** 1½ to 2 quarts/acre applied pre-flowering and again after petal fall. Also, 1½ to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Pears:** Three applications of 1 to 2 quarts/acre at pink bud, start of flowering and again at petal fall or one application of 1 to 2 quarts/acre at bud burst followed by one application of 1 to 2 quarts/acre at petal fall. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons per acre minimum.
- **Pepper (Field Grown):** 1 to 2 quarts/acre applied from the 4 to 6 leaf stage onwards. Repeat applications may be necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre.
- **Plum:** 1½ to 2 quarts/acre applied pre-flowering and again after petal fall. Also, 1½ to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Potatoes:** 1 to 2 quarts/acre applied 7 to 14 days after 100% emergence and 10 to 14 days later if necessary. Water rate: 5 to 40 gallons per acre.
- **Raspberry:** Two applications of 1 to 2 quarts/acre applied at green bud and white bud. Water rate: 20 to 50 gallons per acre.
- **Rice:** 1 to 2 quarts/acre before flowering and again after flowering. Water rate: 3 to 20 gallons per acre.
- **Soya Bean:** 1 to 2 quarts/acre when crop is 4 to 6" tall. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later. Water rate: 20 gallons per acre.
- **Strawberry (Field Grown):** Two applications of 1 to 2 quarts/acre commencing at green/white bud stage and repeated 10 to 14 days later. 1 to 2 quarts/acre applied at regrowth (after harvest). Water rate: 20 to 50 gallons per acre.
- **Sweet Potato:** 1 to 2 quarts/acre one week after 100% emergence or transplanting and 10 to 14 days later if necessary. Water rate: 20 gallons per acre.
- **Tomato (Field Grown):** 1 to 2 quarts/acre when plants are at 4 to 6 leaf stage. Repeat if necessary at 10 days intervals. Water rate: 5 to 50 gallons/acre.
- **Walnuts:** 1 to 2 quarts/acre at spring bud burst, first emergent leaves and again during nut development. Water rate: 50 to 100 gallons per acre.

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