



Knowledge grows

# YaraVita<sup>®</sup> POWERBOR<sup>™</sup> 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](http://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\*

- **Apple:** Several applications of 1 to 2 quarts/acre beginning at pink bud, start of flowering, at petal fall, after fruit set and during sizing. Also, after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Artichoke:** 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.
- **Asparagus:** 1 to 2 quarts/acre applied to ferns prior to senescence. Water rate: 5 to 20 gallons/acre.
- **Avocado:** 1 to 2 quarts/acre beginning at spring bud development and again at spring flush. Apply after fruit set, during sizing. Water rate: 50 to 100 gallons/acre.
- **Beans:** 1 to 2 quarts/acre when crops is 4 to 6 inches tall. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later. Water rate: 10 to 20 gallons/acre.
- **Blueberry:** Apply 1 to 2 quarts/acre after berry set, during sizing at 10-14 day intervals. Repeat the application post harvest before leaf senescence. Water rate: 20 gallons/acre.
- **Brassicas: Including, but not limited to: Broccoli, Brussels Sprouts, Cabbage, Cauliflower:** 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/acre.
- **Bulb Vegetables: Including, but not limited to: Garlic, Leek, Onion, Shallot:** Applications of 1-2 quarts per acre beginning 4-6 inch height, repeat at 14 day intervals up thru maturity. Water rate minimum 20 gallons/acre.
- **Carrot:** 1-2 pints when crop is 6-8 inches tall. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 5 to 20 gallons/acre.
- **Cashew:** 1 to 2 quarts/acre applied before flowering and again after flowering. Water rate: 50 gallons/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/acre.
- **Cereals: Including but not limited to: Barley, Oats, Rye, Wheat:** 1 to 2 quarts/acre beginning at spring bud development and again at spring flush. Apply after fruit set, during sizing. Water rate: 50 to 100 gallons/acre.
- **Chinese Cabbage:** 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/acre.
- **Citrus: Including but not limited to: Lemon, Orange:** 1 to 2 quarts/acre applied before flowering and after petal fall during fruit sizing. Water rate: minimum 40 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/acre.
- **Corn:** 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/acre.
- **Cucurbits: Including, but not limited to: Squash, Melons, Cucumber:** 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/acre.
- **Fruiting Vegetables: Including, but not limited to: Eggplant, Pepper, Tomato:** 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.
- **Grapes – Table and Wine:** 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/acre.
- **Green Beans:** 1 to 2 quarts/acre applied before flowering and again after flowering. Water rate: 20 to 40 gallons/acre.
- **Lettuce:** 1½ to 2 quarts/acre 10 to 20 days after transplanting or emergence. Repeat in 10-14 day interval as required. Water rate: 50 gallons/acre.
- **Nursery Stock and Ornamentals:** 1 quart/acre applied as soon as there is sufficient leaf area to intercept a spray. Repeat at 10 to 14 day intervals as necessary. Avoid applications during flowering. Spray a maximum of three applications per crop per year. Note: Do not apply within one month of picking / marketing. Water rate: 20 gallons/acre.
- **Olive:** 1 to 2 quarts per acre applied at bud break and again at the opening of the calyx if necessary. In addition, one or two applications of 1 to 2 quarts per acre at a 10 to 14 day intervals post-flowering. Also, 1 to 2 quarts per acre applied post-harvest. Water rate: 50 to 100 gallons/acre.
- **Peanuts:** 1 to 2 quarts/acre at the 4 to 6 leaf stage. Water rate: 5 to 30 gallons/acre.
- **Pears:** Three applications of 1 to 2 quarts/acre at pink bud, start of flowering, at petal fall and during fruit sizing at 10-14 day intervals. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 15 gallons/acre minimum.
- **Peas:** 1 to 2 quarts/acre at 4 to 6 inches tall. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later. Water rate: 10 to 20 gallons/acre.
- **Potato:** 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/acre.
- **Raspberry:** Two applications of 1 to 2 quarts/acre applied at green bud and white bud. Water rate: 20 to 50 gallons/acre.
- **Rice:** 1 to 2 quarts/acre before flowering and again after flowering. Water rate: 3 to 20 gallons/acre.
- **Soybean:** 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: 3 to 20 gallons/acre.
- **Spinach:** 1-2 quarts/acre from 4 to 6 leaf stage. Repeat at 10 to 14 day intervals as necessary. Water rate: 20 gallons/acre.
- **Strawberry:** 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/acre.
- **Stone Fruit - including but not limited to: - Apricot, Cherry, Peach, Plum, Nectarine:** 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.
- **Sunflower:** 1 to 2 quarts/acre from 2 pairs of leaves up to flower bud stage. Repeat if necessary at 10 to 14 day intervals within this period. Water rate: 3 to 20 gallons/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/acre.
- **Tobacco:** Two applications of 1 to 2 quarts/acre two to three weeks after transplanting (3 to 4 leaf stage) with 10 days between applications. Water rate: 3 to 50 gallons/acre.
- **Tree Nuts: including but not limited to: - Almond, Hazelnut, Macadamia, Walnut:** 1 to 2 quarts/acre at spring bud burst, first emergent leaves and again during nut development. And after harvest before senescence. Water rate: 50 to 100 gallons/acre.

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