



Knowledge grows

YaraVita[®] MAGPHOS[™]

A formulated product for the treatment of magnesium and phosphorus deficiencies by foliar application

Guaranteed Analysis

Available Phosphate (P_2O_5)	29%
Soluble Potash (K_2O)	5%
Magnesium (Mg)	4.1%
Water soluble Magnesium (Mg)	4.1%

Derived from Phosphoric Acid, Magnesium Phosphate, Potassium Chloride, Potassium Phosphate

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*

- **Alfalfa:** 2 quarts/acre when sufficient leaf cover to intercept spray. Then 2 quarts/acre one week after every cutting. Water rate: 20 gallons/acre.
- **Apple:** 4 to 6 applications of 1 to 2 quarts/acre from end of flowering. Repeat applications at 10 to 14 day intervals through color break. Water rate: 50 to 100 gallons/acre.
- **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
- **Avocado:** 2 quarts/acre applied during spring flush and again during summer flush. Water rate: 50 to 100 gallons/acre.
- **Blueberry:** 1 to 2 quarts/acre 7 to 10 days after petal fall has finished. Repeat in 10 to 14 day intervals through berry softening and color break. Water rate: 100 gallons/acre.
- **Brassicas: Including, but not limited to: Broccoli, Brussels Sprouts, Cabbage, Cauliflower:** 1 to 2 quarts/acre applied soon after transplanting. Repeat 2 to 3 times in 10 to 14 day intervals during stem extension and head development. Water rate: 8 to 20 gallons/acre.
- **Bulb Vegetables: Including, but not limited to: Onion, Garlic, Shallot:** 1 to 2 quarts/acre. Apply when the foliage is 6 inches tall, with repeat applications 10 to 14 day intervals if necessary. Water rate: 3 to 20 gallons/acre.
- **Canola:** For a single application, 1 to 2 quarts/acre at onset of stem extension. For moderate deficiency, 1 to 2 quarts/acre at 4 to 6 leaf stage and at onset of stem extension. An extra application can be made 10 to 14 days later for severe deficiency. Avoid flowering. Water rate: 3 to 20 gallons/acre.
- **Carrot:** 1 to 2 quarts/acre when crop is 6 inches tall. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre
- **Celery:** 1 to 2 quarts/acre at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 20 gallons/acre.
- **Cereals: Including, but not limited to: Barley, Oats, Rye, Wheat:** 1 to 2 quarts/acre from the 2 leaf stage to 1st node detectable, (Zadok's G.S. 12 to 31). Repeat at 10 to 14 day intervals if necessary within this time-frame, up to a maximum of three applications. Also, apply from ear emergence until the end of flowering (Zadok's G.S. 51 to 69). Water rate: 5 to 20 gallons/acre.
- **Citrus: Including but not limited to: Lemon, Orange:** 1 to 2 quarts/acre applied at 10 to 14 day intervals following fruit set. Water rate: 50 to 150 gallons/acre.
- **Cotton:** 1 to 2 quarts/acre at the start of flowering. Repeat in 14 day intervals as required. Water rate: 5 to 20 gallons/acre.
- **Corn:** 1 to 2 quarts/acre at 4 to 8 leaf stage. Repeat at 10 to 14 day intervals if necessary. Water rate: 3 to 20 gallons/acre.
- **Cucurbits: Including, but not limited to: Squash, Cucumber, Watermelon:** 1 to 2 quarts/acre at 4 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 20 to 50 gallons/acre.
- **Grapes:** 2 to 5 applications of 1 to 2 quarts/acre at 10 to 14 day intervals beginning at early shoot growth, flower buds separated and stretching, after berry set, berry size and early veraison before harvest. Water rate: minimum 20 gallons/acre.
- **Hops:** 4 applications of 4 quarts/acre commencing when crop starts to burr, with subsequent applications at 14 day intervals. Water rate: 50 gallons/acre.
- **Legumes: Including but not limited to: Beans, Chickpeas, Peanuts:** 1 to 2 applications of 2 quarts/acre when the crop is 4 to 6 inches tall. Allow 10 to 14 days between applications. Water rate: 3 to 20 gallons/acre.
- **Lettuce:** 1 to 2 quarts/acre. Apply 10 to 14 days after transplanting or emergence. One or two repeat applications may be made at 10 to 14 day intervals. Water rate: 50 gallons/acre.
- **Melon:** 1 to 2 quarts/acre at start of flowering. Repeat at 10 to 14 day intervals if necessary. Water rate: 50 gallons/acre.
- **Nursery Stock and Ornamentals:** 2 gallons in 100 gallons water (1.875% v/v) 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 annum. Maximum water rate: 20 gallons/acre
- **Olive:** Two applications of 2 to 4 quarts per acre. Apply before flowering and again 10 to 14 days after flowering. Water rate: 20 to 100 gallons/acre.
- **Pear:** 4 to 6 applications of 1 to 2 quarts/acre from end of flowering. Repeat applications at 10 to 14 day intervals. Water rate: 50 to 100 gallons/acre.
- **Pepper:** 1 pint in 45 gallons before transplanting. Repeat applications in 10 to 14 day intervals at 1 to 2 Quarts per acre. Water rate: 100 gallons/acre maximum.
- **Potato:** To increase tuber size: A minimum of 2 applications of 1 to 2 quarts/acre during tuber bulking (as soon as first formed tuber are ½" in diameter) and following petiole analysis during tuber bulking. Allow 10 to 14 days between applications. Water rate: 5 to 20 gallons/acre.
- **Rice:** 1 to 2 quarts/acre applied at tillering and again at panicle initiation. Repeat 7 to 10 days later if necessary. Water rate: 3 to 40 gallons/acre.
- **Soybean:** 1 to 2 quarts/acre when crop is 6 inches tall. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.
- **Spinach:** 1 to 2 quarts/acre at the 4 to 6 leaf stage. Repeat applications every 10 to 14 day interval as required. Water rate: 20 gallons/acre
- **Strawberry:** Non everbearing varieties: 3 applications of 1 to 2 quarts/acre from start of flowering. Repeat applications 7 to 10 day intervals. Everbearing varieties: 6 applications of 1 to 2 quarts/acre. Do not apply successive applications at intervals of less than 10 to 14 days. Water rate: 30 to 50 gallons/acre.
- **Stone Fruit: including but not limited to: Apricot, Cherry, Peach, Plum, Nectarine:** 2 to 5 applications of 1 to 2 quarts/acre from petal fall. Repeat applications at 10 to 14 day intervals. Water rate: 50 to 100 gallons/acre.
- **Sugar Beet:** 1 to 2 quarts/acre at the 4 to 6 leaf stage. For moderate to severe deficiency, repeat at 10 to 14 day intervals. Water rate: 5 to 20 gallons/acre.
- **Sunflower:** Apply 2 quarts/acre at the 2 to 6 leaf stage. Repeat if necessary 10 days later. Water rate: 5 to 20 gallons/acre.
- **Sweet Potato:** Apply 1 to 2 quarts/acre 7 to 21 days after emergence. Repeat applications during tuber initiation and tuber bulking at 14 to 21 day intervals. 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.
- **Tomato:** 1 to 2 quarts/acre. Apply at the 4 to 6 leaf stage with repeat applications at 10 to 14 day intervals if necessary. Water rate: 3 to 50 gallons/acre.
- **Tree Nuts:** Including, but not limited to: Almond, Pistachio, Walnut Two to three applications of 1 to 2 quarts per acre beginning at petal fall. The repeat applications should be made at 7 to 14 day intervals through hull split. Water rate: 50 to 100 gallons/acre.

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