Knowledge grows

YaraVita® MAGTRAC™

A formulated product for the treatment of magnesium deficiency by foliar application

Guaranteed Analysis	
Total Nitrogen (N)	4%
Urea Nitrogen	4%
Magnesium (Mg)	20%
Derived from Urea, Magnesium Hydroxide	

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. Trialed 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

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Product Recommendations

Typical Crop Recommendations*

- **Alfalfa:** 2 quarts/acre applied 10 to 14 days after regrowth commences post-cutting (when there is enough regrowth to take a spray). Water rate: 20 gallons/acre.
- **Apples, Pears:** 2 quarts/acre after petal fall. Repeat if necessary at 10 to 14 day intervals. In cases of severe deficiency apply also before flowering (around pink bud stage). On russet sensitive varieties delay applications until 6 weeks after petal fall. Water rate: 50 to 100 gallons/acre.
- **Stone Fruit (Apricots, Cherries, Nectarines, Peach, Plum):** 2 quarts/acre at fruit set. If necessary a second application may be made 10 to 14 days later. Also, 2 quarts/acre after harvest but before leaf senescence. Water rate: 50 to 100 gallons/acre
- **Asparagus:** Four to five applications of 1 to 2 quarts/ acre during vegetative growth, with repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre
- **Beans, Peas:** 2 quarts/acre when crop is 4 to 6" tall. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre.
- **Blackcurrant:** 2 quarts/acre. Two applications a) Full flower, b) First fruit set. Water rate: 50 gallons/acre.
- **Blueberries:** 2 quarts/acre applied 10 days after petal fall has finished. Bushes being grown for a second cropping year should receive the fruiting year programme again. Water rate: 100 gallons/acre
- **Brassicas, Broccoli, Brussel Sprouts, Cabbage, Calabrese, Caulifflower:** 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: 20 gallons/acre.
- **Canola:** For a single application, 2 quarts/acre at onset of stem extension. For moderate deficiency, 2 quarts/ acre at 4 to 6 leaf stage and 2 quarts/acre at onset of stem extension. An extra application can be made 10 to 14 days later for severe deficiency. Avoid flowering. Water rate: 20 gallons/acre.
- **Carrots:** 2 quarts/acre when crop is 5 inches tall. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre
- **Celery:** 2 quarts/acre at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 20 gallon/acre
- **Cereals:** 2 quarts/acre from 2 leaf stage to first node detectable (Zadok's G.S. 12 to 31). For moderate to severe deficiency repeat applications at 10 to 14 day intervals. A further application at up to 4 pints/acre at flag leaf ligule just visible to anthesis complete (Zadok's G.S. 39 to 69) for milling quality wheats. Water rate: 20 gallons/acre.
- **Citrus:** 2 quarts/acre from 2/3 of new leaf development in the spring. For moderate to severe deficiency repeat application 10 to 14 days later. Also, 1 to 2 quarts/acre applied during autumn flush. Repeat 10 to 14 days later if necessary. Water rate: 20 gallons/acre.
- **Corn:** 2 quarts/acre at 4 to 6 leaf stage. Water rate: 20 gallons/acre
- **Fir Trees:** 2 applications of 2 quarts/acre when there is new season leaf production, and again in early autumn. Water rate: 50 to 100 gallons/acre.
- **Cotton:** 2 quarts/acre one month after 100% emergence. Repeat as required at 10 to 14 day intervals. Water rate: 20 gallons/acre.
- **Cucurbits (Field Grown):** 2 quarts/acre at 4 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 20 gallons/acre.
- **Dry Bean:** 2 quarts/acre at 4 to 6 inch stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre.
- **Ginseng:** 2 quarts/acre applied once the new season growth is well underway. Repeat applications at 10 to 14 day intervals may be necessary for moderate to severe deficiency. Water rate: 50 gallons/acre
- **Vines:** 2 quarts/acre at flower bud visible, flower buds separated and fruit set. For grape stalk necrosis: 3 to 8 pints/acre at pea sized berries, start of veraison and 1 month before harvest. Water rate: 50 gallons/acre.
- **Turf:** 1.5 fl.oz./1000 sq.ft. as soon as growth commences in spring. Repeat sprays at 10 to 14 day intervals as necessary. Water rate: 0.5 gallons/1000 sq.ft.
- **Groundnuts:** 1 to 2 quarts/acre from 4 leaves to the start of flowering. Water rate: 20 gallons/acre
- **Leek:** 2 quarts/acre. Two weeks after transplanting or, in the case of direct sown crops, when the crop is 15 cm tall. For moderate to severe deficiency, one or two repeat applications maybe necessary at 10 to 14 day intervals. Water rate: 20 gallons/acre
- **Lettuce (Field Grown):** 2 quarts/acre 10 to 14 days after transplanting or emergence. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 50 gallons/acre
- **Melons (Field Grown):** 2 quarts/acre from 4 to 6 leaf stage repeated at 10 to 14 day intervals if necessary. For treatment of "Grillures de melon". Spray at least 3 applications of 2 quarts/acre starting from first fruit set and repeated at 10 day intervals. Water rate: 20 gallons/acre
- **Nursery/Ornamentals:** Two and a half gallons in 100 gallons water (2.5% 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. Note: Do not apply within one month of picking/marketing. Maximum water rate: 20 gallons/acre.
- **Nuts (Deciduous):** Apply 2 quarts/acre from 2/3 of new leaf development in the spring. For severe deficiency, repeat the application 10 to 14 days later. A further treatment may be required in the autumn. Water rate: 50 to 100 gallons/acre.
- **Onions:** 2 quarts/acre two weeks after transplanting, or in the case of direct sown crops, when the crop is 6" tall. Repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre
- **Peppers (Field Grown):** 2 quarts/acre applied from the 4 to 6 leaf stage onwards. Repeat applications may be necessary. Water rate: 50 gallons/acre
- **Potatoes:** 2 quarts/acre 1 week after 100% emergence and following petiole analysis during tuber bulking. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre.
- **Raspberries:** 2 quarts/acre at start of flowering and at 10 to 14 day intervals as necessary, up to 14 days before harvest. Water rate: 20 to 50 gallons/acre.
- **Rice:** 2 quarts/acre applied at start of tillering. Water rate: 20 gallons/acre.
- **Sorghum:** 2 quarts/acre at the 4 to 8 leaf stage. Water rate: 20 gallons/acre
- **Soybeans:** 2 quarts/acre when crop is 2 to 6 inches tall, repeated at 10 to 14 day intervals if necessary. Water rate: 20 gallons/acre.
- **Spinach:** 2 quarts/acre at the 4 to 6 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 20 gallons/acre
- **Strawberries (Field Grown):** 2 quarts/acre at green bud. Repeat if necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre.
- **Sugar Beet:** 2 quarts/acre at 4 to 6 leaf stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre.
- **Sunflower:** 2 quarts/acre at 4 to 8 pairs of leaves. For moderate to severe deficiency repeat application 10 to 14 days later. Water rate: 20 gallons/acre.
- **Tobacco:** Two applications of 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.
- **Tomatoes (Field Grown):** 2 quarts/acre at 4 to 6 leaf stage onwards. Repeat if necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre

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