



YaraVita™ Hydromag Liquid

Foliar magnesium for agricultural and horticultural use

Guaranteed Analysis:

magnesium (Mg)	30% w/v	300 g/L
nitrogen (N)	6.9% w/v	69 g/L

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

Key Nutrients:

- Magnesium - Is the central component of the chlorophyll molecule and is therefore key to all plant growth and development. But, Mg also plays a key role in phosphate and nitrogen metabolism, water uptake by the plant and crop establishment (where applicable).
- Nitrogen - Protein N is by far the largest fraction of N in the green plant; nitrogen plays a key role in nucleic acid formation, amino acid and protein synthesis. N also has a key role in chlorophyll and ATP synthesis.



Product Recommendations

Typical Crop Recommendations*

- **Apple:** 3-4 L/ha applied at pink bud and again at fruit set*. In case of moderate or severe deficiency repeat during fruit development*. 5 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha. *For application during fruit set and fruit development, it may, under certain conditions, be necessary to delay applications on varieties sensitive to russetting.
- **Apricot:** 4 L/ha during fruit development. 5 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Asparagus:** 4 L/ha applied to ferns prior to senescence. Water rate: 50-200 L/ha.
- **Avocado:** 4-6 L/ha applied during spring flush and again during summer flush. Water rate: 500-1000 L/ha.
- **Bananas:** Regular applications may be necessary where low to marginal magnesium levels exist. Spray at 2-8 L/ha per application. Water rate: 30-500 L/ha.
- **Beans:** 3-4 L/ha when plants are 15 cm tall. Water rate: 50-200 L/ha.
- **Brassicas:** 2-3 L/ha commencing at 4 to 9 true leaves. Water rate: 50-500 L/ha.
- **Canola:** 2 to 3 L/ha commencing at 4 to 9 true leaves. Water rate: 50-200 L/ha.
- **Carrot:** 4-8 L/ha when there is sufficient leaf area to intercept spray, and if necessary, at 7 to 10 day intervals after this. Water rate: 50-200 L/ha.
- **Cereals:** 1.5-4 L/ha applied during tillering and again at flag leaf emergence. Water rate: 50-500 L/ha.
- **Cherry:** 4 L/ha during fruit development. 5 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Citrus:** Two applications of 3 L/ha applied during spring flush and again during autumn flush. Water rate: 500-1000 L/ha.
- **Coffee:** 3 to 5 applications of 5 L/ha during flushes of leaf growth. Water rate: 500-1000 L/ha.
- **Cotton:** 5 L/ha one month after 100% emergence. Repeat as required at 10 to 14 day intervals. Water rate: 30 L/ha minimum.
- **Cucumber (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Cucurbits (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Custard Apple:** 2 applications of 5 L/ha to young foliage. Water rate: 500-1000 L/ha.
- **Grapevines:** Where magnesium levels are low to marginal apply 3 L/ha at flower truss visible, flower buds separated, and at fruit set. For grape stalk necrosis (grape shrivel) apply 3 applications of 4 to 5 L/ha commencing at pea-sized berries and again at veraison and 1 month before harvest. Note: For table grapes, applications should be completed 1 month before harvest. Water rate: 500-1000 L/ha.
- **Peanuts:** 2 to 4 L/ha from 4 leaves to start of flowering. Water rate: 200 L/ha.
- **Kiwi:** 4 L/ha applied at extension shoot development, during fruit development, and again after harvest but before leaf fall. Water rate: 500-1000 L/ha.
- **Lettuce (Field Grown):** 4 to 8 L/ha when there is sufficient leaf area to intercept spray, and if necessary, at 7 to 10 day intervals after this. Note: Final application to be made one month before harvest. Water rate: 50-200 L/ha.
- **Lucerne:** 4 L/ha applied after every 2 to 3 cuts when there is sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Lupins:** 3 to 4 L/ha when plants are 15 cm tall. Water rate: 50-200 L/ha.
- **Macadamias:** 4 to 8 L/ha applied during spring flush, but avoiding flowering and early nut development. Water rate: 500-1000 L/ha.
- **Maize:** 4 L/ha at 4 to 6 leaf stage. Water rate: 50-200 L/ha.
- **Mango:** 4 applications of 4 L/ha during spring flush. Water rate: 500-1000 L/ha.
- **Melon (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Nectarines:** 4 L/ha during fruit development. 5 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Nuts (Deciduous):** 4 to 8 L/ha 7 days after petal fall. Water rate: 500-1000 L/ha.
- **Olive:** 4 L/ha. Apply at the start of the season. Repeat applications at 10 day intervals if necessary. Avoid flowering. Water rate: 500 L/ha.
- **Onion:** 4 L/ha when there is sufficient leaf area to intercept spray. Repeat application as necessary. Water rate: 50-200 L/ha.
- **Pawpaw:** 5 L/ha at the end of flowering and repeated 14 days later. Water rate: 200-600 L/ha.
- **Passion Fruit:** 3 L/ha at shoot extension pre-flowering. Also, repeat as necessary at 10 to 14 day intervals during fruit development until one month before harvest. Water rate: 400 L/ha.
- **Peach:** 4 L/ha during fruit development. 5 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Pears:** 3 to 4 L/ha applied at pink bud and again at fruit set*. In case of moderate or severe deficiency repeat during fruit development*. 5 L/ha after harvest but before leaf senescence. Water rate: 500 to 1,000 L/ha. *For application during fruit set and fruit development, it may, under certain conditions, be necessary to delay applications on varieties sensitive to russetting.
- **Peas:** 3 to 4 L/ha when plants are 15 cm tall. Water rate: 50-200 L/ha.
- **Persimmons:** 3 applications of 3 L/ha with first application commencing just after flowering. Water rate: 500-1000 L/ha.
- **Pineapple:** 5 L/ha at 4 to 6 week intervals during periods of leaf growth. Water rate: 200-500 L/ha.
- **Plum:** 4 L/ha during fruit development. 5 L/ha after harvest but before leaf senescence. Water rate: 500-1000 L/ha.
- **Potatoes:** Where low to marginal levels exist, apply 2 applications of 4 L/ha between 1 to 4 weeks after 100% emergence. For improved dry matter, also apply during bulking. Water rate: 50-200 L/ha.
- **Pumpkin (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Squash (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Strawberry (Field Grown):** 2 applications of 3 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 200-500 L/ha.
- **Sunflower:** 4 L/ha at 2 to 8 pairs of leaves. Water rate: 50-200 L/ha.
- **Tomato (Field Grown):** 5 L/ha commencing when plants are 15 cm high and repeated 10 to 14 days later. Water rate: 50-500 L/ha.
- **Turf:** 4 L/ha as soon as growth commences in spring and/or following identification of need by analysis. Repeat sprays at 10 to 14 day intervals as necessary. Water rate: 200 L/ha.
- **Water Melon (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.
- **Zucchini (Field Grown):** 2 to 3 applications of 4 L/ha commencing when sufficient leaf area to intercept spray. Water rate: 50-200 L/ha.



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

**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.*