



Knowledge grows

YaraVita™ MAGFLO 300

Foliar magnesium for agricultural and horticultural use

Guaranteed Analysis:

Magnesium (Mg)	30 %	300 g/l
Nitrogen (N) as urea	6.9 %	69 g/l

Why Foliar Apply?

Foliar sprays ensure precise application of the right nutrient mix at the right time, and can be specifically targeted to the leaf or fruit, to suit an immediate crop need.

Foliar application also provides nutrients for immediate uptake by the leaves or fruits. As a result, the grower is not reliant on the right soil, pH or growing media conditions and can quickly put the crop back on course.

Magnesium requirements:

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 requirements:

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.

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Benefits:

- Formulated for safe application at critical growth stages to satisfy crop requirements
- Widely tank mixable with other crop sprays. Visit www.tankmix.com for details
- Proven, reliable performance. Trialled and tested on a wide range of crops around the world
- High quality, consistent products.
- Manufactured to ISO 9001 quality assurance standards
- Easy to use flowable formulation.
- Pours and disperses easily and quickly into the spray tank.
- High nutrient content means lower application rates reducing handling time and waste packaging.



Application rates and timings

Foliar Application

Apple, Pears: 3 to 4 l/ha applied from 4 weeks after petal fall and repeated if necessary at 10 to 14 day intervals up to one month before harvest. Also, 5 l/ha after harvest but before leaf senescence. Water rate: 500-1000 l/ha.

Apricot, Cherry, Nectarine, Peach, Plum: 4 l/ha during fruit development. 5 l/ha after harvest but before leaf senescence. Water rate: 500-1000 l/ha.

Avocado: 4 to 6 l/ha applied during spring flush and again during summer flush. Water rate: 500-1000 l/ha.

Beans, Lupins, Peas: 3 to 4 l/ha when plants are 15 cm tall. Water rate: 50-200 l/ha.

Brassicacae, Canola: 2 to 3 l/ha commencing at 4 to 9 true leaves. Water rate: 50-500 l/ha.

Cereals: 1.5 to 4 l/ha applied during tillering and again at flag leaf emergence. Water rate: 50-500 l/ha.

Citrus: Two applications of 3 l/ha applied during spring flush and again during autumn flush. Water rate: 500-1000 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.

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. Water rate: 500-1000 l/ha.

Kiwifruit: 4 l/ha during extension shoot development and from 2 weeks post petal fall (avoid flowering) and again immediately after harvest but before leaf senescence. Water rate: 500-2000 l/ha.

Lettuce (Field Grown): 4 l/ha 10 to 14 days after transplanting or emergence. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Note: Final application to be made at least one month before harvest. Water rate: 500 l/ha.

Onions: 4 l/ha when there is sufficient leaf area to intercept spray. Repeat application as necessary. Water rate: 50-200 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.

Strawberry (Field Grown): 2 applications of 3 l/ha commencing when sufficient leaf area to intercept spray. Water rate: 200-500 l/ha.

DIRECTIONS FOR USE

ALWAYS FOLLOW THESE LABEL INSTRUCTIONS
Mix the product thoroughly before use. Slowly add the product to the tank, via the induction hopper, whilst agitating. Top up with water and continue to agitate until spraying is completed.

TANK MIXING/CO-APPLICATION

Read ALL labels carefully and adhere strictly to the instructions for use. Co-application is entirely at the risk of the end-user. Before co-application of products you, or your advisor, must visit www.tankmix.com for important information. Alternatively, contact Yara for specific advice

PRECAUTIONS

Only to be used on protected crops if specifically listed. Avoid application under extremes of climate, e.g. rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated. Wear suitable gloves and face shield when handling this product. Clean all equipment before and after use.

STORAGE

Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost and other climatic extremes (temperatures exceeding 40°C). Dispose of contents and container in accordance with all local, regional, national and international regulations

CONDITIONS OF SALE

This Product is sold subject to the seller's Terms and Conditions of Sale, which are available upon request. Use of the Product is acceptance by the buyer of the Terms and Conditions of Sale.

