



YaraVita™

Citra-Vine™

A formulated foliar treatment for citrus and vines

Guaranteed Analysis:

magnesium (Mg)	18% w/v	180 g/L
zinc (Zn)	14% w/v	140 g/l
manganese (Mn)	10% w/v	100 g/L
nitrogen (N)	5.5% w/v	55 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:

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).

Zinc requirements:

Zinc is essential for root development and at crop emergence due to its role in auxin (growth hormone) synthesis, auxins control the growth of plants by affecting cell and stem elongation. Zn also plays a specific role in flower fertilization and an inadequate supply during seed set could result in a reduction in seeds formed and smaller than normal fruit or grain.

Manganese requirements:

Manganese is involved in the function of many enzymes; e.g. detoxification and water splitting enzymes which provide the oxygen to form carbohydrates. Mn deficiency reduces chlorophyll content and lignin synthesis, a decrease in lignin may be why manganese deficient plants have lower resistance to root pathogens e.g. Take-all in cereals.

Nitrogen requirements:

Protein N is the largest fraction of N in the plant; N plays a key role in nucleic acid formation, amino acid and protein synthesis. N also has a key role in chlorophyll and ATP synthesis.



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



Product Recommendations

Typical Crop Recommendations*

- **Almond:** 3 L/ha at bud break. Repeat after harvest but before leaf senescence.
Water rate: 500-1000 L/ha.
- **Carrot:** 3 L/ha when crop is 15 cm tall and repeat 10 to 14 days later if necessary.
Water rate: 200 to 500 L/ha.
- **Citrus:** 3-5 L/ha applied during spring flush and also during summer/autumn flush.
Water rate: 500-1000 L/ha.
- **Grapevines:** 3 L/ha applied at flower truss visible and again at flower buds separated or at fruit set. Water rate: 500-1000 L/ha.
- **Melon (Field Grown):** 3 L/ha from the 4 to 6 leaf stage, repeated at 10 to 14 day intervals if necessary. N.B. Final application to be made at least one month before harvest.
Water rate: 200 to 500 L/ha.
- **Onion:** 3 L/ha applied from the 4 to 6 leaf stage onwards. Repeat after a 10 to 14 day interval if required. N.B. Final application to be made at least one month before harvest.
Water rate: 200 to 500 L/ha.
- **Potatoes:** 3 L/ha one week after 100% emergence. Repeat once or twice at 10 to 14 day intervals for moderate to severe deficiency.
Water rate: 50 to 200 L/ha.

*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.



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

