



# YaraVita™

## Phoztrac™

### Foliar calcium/zinc/phosphorus treatment for agricultural and horticultural use

#### Guaranteed Analysis:

nitrogen (N)	6.9% w/v	69 g/L
phosphorus (P)	10.5% w/v	105 g/L
zinc (Zn)	12% w/v	120 g/L
calcium (Ca)	20% w/v	200 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.

#### 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.

#### Phosphorus requirements:

Phosphorus availability in the soil is affected by pH, soil temperature, nutrient interactions etc. P is involved with ATP, the molecule used to provide the energy to drive many of the chemical processes in the plant. This is why P is particularly important at times of high metabolic activity.

#### Zinc requirements:

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.

#### Calcium requirements:

Calcium is responsible for the structural stability and integrity of plant tissues and deficiency can be related to many disorders such as bitter bit in apples, tip burn in lettuce or blossom end rot in tomatoes.



#### 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](http://www.tankmix.com/yara) for details
- Proven, reliable performance. Trialled and tested on a wide range of crops worldwide
- 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\*

- **Apple:** 5-10 L/ha starting at 100% petal fall with repeat applications at 7 to 14 day intervals. Under conditions conducive to fruit russet (variety, weather conditions, etc) delay applications until 6 weeks after petal fall. Do not apply within 1 month of harvest. Water rate: 500-2000 L/ha.
- **Apricot:** 2 to 4 applications of 5-10 L/ha. First application at schuck fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 L/ha.
- **Beans:** 5 L/ha applied before flowering. Water rate: 30-250 L/ha.
- **Brassicac:** 10 L/ha applied 2 or 3 times at stem extension/head development and repeated at 10 to 14 day intervals. Water rate: 30-500 L/ha.
- **Capsicum (Field Grown):** 2 to 4 applications of 5 L/ha commencing from flowering on second truss. Repeat at 10 to 14 day intervals. Water rate: 30-500 L/ha.
- **Carrot:** 5 L/ha applied 2 to 3 times when the crop is 15 cm tall. Repeat at 7 to 10 day intervals. Water rate: 30-250 L/ha.
- **Celery:** 5 L/ha at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 30-500 L/ha.
- **Cherry:** 2 to 5 applications of 5-10 L/ha. First application at 100% petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 L/ha.
- **Cucurbits (Field Grown):** 5 L/ha applied at the start of flowering. Repeat if necessary at 10 to 14 day intervals. Water rate: 30-500 L/ha.
- **Lettuce (Field Grown):** 2 to 3 applications of 5 L/ha commencing 10 to 14 days after transplanting or emergence. Allow 7 to 14 day intervals between applications. Note: Final application to be made at least one month before harvest. Water rate: 500 L/ha.
- **Nectarines:** 2 to 4 applications of 5 to 10 L/ha. First application at schuck fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 L/ha.
- **Olive:** 10 L/ha at bud break. Repeat before flowering if necessary. Do not apply during flowering. Also, 2 to 3 applications of 10 L/ha from fruit set to stone hardening, at 10 to 14 day intervals.
- **Onion:** 1 to 2 applications of 5 L/ha applied during bulb filling. Allow a 10 to 14 day interval between sprays. Water rate: 30-250 L/ha.
- **Peach:** 2 to 4 applications of 5 to 10 L/ha. First application at schuck fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 L/ha.
- **Pears:** 5 to 10 L/ha at 100% petal fall with repeat applications at 10 to 14 day intervals. Under conditions conducive to fruit russet (variety, weather conditions, etc) delay applications until 6 weeks after petal fall. Do not apply within 1 month of harvest. Water rate: 500-2000 L/ha.
- **Peas:** 5 L/ha applied before flowering. Water rate: 30-250 L/ha.
- **Plum:** 2 to 4 applications of 5 to 10 L/ha. First application at 100% petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 L/ha.
- **Potatoes:** 10 L/ha applied one week after 100 % emergence and following petiole analysis during tuber bulking. Repeat as necessary at 10 to 14 day intervals. Water rate: 30-250 L/ha.
- **Strawberry (Field Grown):** 10 L/ha applied at new leaf growth in the spring. Water rate: 500 L/ha.
- **Sweet Potato:** 5 L/ha one week after 100% emergence or transplanting. Repeat applications during tuber bulking at 10 to 14 day intervals. Water rate: 200 L/ha.
- **Tomato (Field Grown):** 2 to 4 applications of 5 L/ha commencing from flowering on second truss. Repeat at 10 to 14 day intervals. Water rate: 30-500 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.*

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