



Knowledge grows

# YaraVita™ PHOZTRAC

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

Guaranteed analysis

Nitrogen (N)	6.9%	69 g/l
Phosphorus (P)	10.5%	105 g/l
Zinc (Zn)	12%	120 g/l
Calcium (Ca)	20%	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:

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.

## 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](http://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

**Apple:** 5 to 10 l/ha starting 6 weeks after petal fall and repeat at 7 to 14 day intervals. Do not apply within 1 month of harvest. Water rate: 500-2000 l/ha.

**Apricot:** 2-4 applications of 5 l/ha. First application at petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 l/ha.

**Cherry:** 2-4 applications of 10 l/ha. First application at petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 l/ha.

**Grapevines:** 10 l/ha applied when new shoots are at the 4 to 6 leaf stage. Repeat if necessary at 10 to 14 day intervals. Water rate: 500 l/ha. N.B. Late applications may leave a deposit on berries which may be of significance for table grapes.

**Nectarines:** 2-4 applications of 5 l/ha. First application at petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 l/ha.

**Peach:** 2-4 applications of 5 l/ha. First application at petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 l/ha.

**Pears:** 5-10 l/ha starting 6 weeks after petal fall and repeat at 10 to 14 day intervals. Do not apply within 1 month of harvest. Water rate: 500-2000 l/ha.

**Plum:** 2-4 applications of 5 l/ha. First application at petal fall with repeat applications at 7 to 14 day intervals. Water rate: 500-2000 l/ha.

**Potatoes:** 3-5 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.

## 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](http://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.

**Yara Fertilizers (NZ) Ltd**

Tel: +64 6 8776600

Email: [nz.enquiries@yara.com](mailto:nz.enquiries@yara.com)

Website: [www.yara.co.nz](http://www.yara.co.nz)

