



YaraVita™ Zinphos

Foliar zinc and phosphorus treatment for agricultural and horticultural use

Guaranteed Analysis:

zinc (Zn)	14% w/v	140 g/L
phosphorus (P)	18.7% w/v	187 g/L
potassium (K)	6.4% w/v	64 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:

- 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.
- Phosphorus - Availability in the soil is affected by a number of factors; pH, soil temperature, nutrient interactions etc. The most important role of P is its involvement 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.
- Potassium - Plays a key role in the transport of materials within the plant particularly to storage tissues like fruit, seeds and tubers. K also has a role in cell membrane structure, carbohydrate metabolism and energy accumulation and utilisation.



Product Recommendations

Typical Crop Recommendations*

- **Beans:** 3 L/ha when crop is 5 to 15 cm tall, repeated at 10 to 14 day intervals if necessary.
Water rate: 30-100 L/ha maximum.
- **Cereals:** 1-2 L/ha. Apply from 4 leaf stage to early tillering. Repeat 10 to 14 days later if necessary.
Water rate: 30-100 L/ha.
- **Chick Peas:** 2.5 L/ha at 10 to 15 cm stage. Water rate: 30-100 L/ha maximum.
- **Cotton:** 2-5 L/ha. Apply at 4 to 6 leaf stage and at green bolls over 50 mm long.
Water rate: 50-100 L/ha.
- **Peanuts:** 3 L/ha at the 4 to 6 leaf stage.
Water rate: 30-100 L/ha.
- **Lucerne:** 3 L/ha applied to early season regrowth. Consider a second application 2 to 3 weeks later.
Water rate: 30-100 L/ha maximum.
- **Maize:** 2 to 4 L/ha. Apply at 4 to 8 leaf stage. Water rate: 30-100 L/ha.
- **Peas:** 2.5 L/ha at 10 to 15 cm stage. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later.
Water rate: 30-100 L/ha maximum.
- **Potatoes:** Apply 3 to 5 L/ha at the following timings: 1st: One week after 100% emergence. 2nd: To enhance maximum viable tuber number, apply at tuber initiation. 3rd: To help to increase tuber size, repeat applications at 10 to 14 day intervals as soon as tubers are 10 mm in diameter (minimum 2 applications). Water rate: 30-100 L/ha maximum. For aerial applications 2 L/ha applied at the timings described above.
Water rate: 20-50 L/ha.
- **Rice:** 3 L/ha. Apply at start of tillering (when plants have 4 to 6 leaves). A repeat application can be made 10 days later.
Water rate: 50-100 L/ha.

- **Soil Application:** Maize. 20 L/ha applied at sowing using suitable equipment to direct neat product over the seed along the drill line. Water rate: nil.
- **Soya Bean:** 3 L/ha when crop is 5 to 15 cm tall, repeated at 10 to 14 day intervals if necessary. Water rate: 30-100 L/ha maximum.
- **Sunflower:** 3 L/ha at the 3 to 4 leaf stage. Water rate: 50-100 L/h

**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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