

ZIP®

NPKS 0-18-2-0, 14% Zn



An advanced concentration of zinc & phosphorus for maintaining plant growth and correcting deficiencies

BENEFITS OF ZIP®

- Facilitates early development of root systems through the balanced ratio of essential elements, phosphorus and zinc.
- Liquid form facilitates plant uptake making it ideal for rapid correction of deficiencies.
- Less wastage through improved plant uptake provides environmental benefits and product cost savings.
- Can be foliar applied with a wide range of other agricultural chemicals, reducing the number of spray applications needed.
- Clear formulation makes it easy to decant into spray equipment and mixing tanks.

THE IMPORTANCE OF ZINC

Zinc forms part of an enzyme which produces carbon dioxide, and maintains its level for photosynthesis. Zinc is also essential for auxin (hormone) production. Poor mobility of zinc can amplify deficiencies.

THE ROLE OF PHOSPHORUS

Phosphorus acts as a structural component of nucleic acids, and phospholipids which form plant membranes. It is also important in cell division and energy transfer. Lack of growth in tops and roots is symptomatic of phosphorus deficiency.



CHARACTERISTICS: pH: 1.0 - 2.0; Specific Gravity: 1.45 - 1.47

AUS Analysis W/W%: 14.0% Zn, 18.0% P, 1.6% K

International Analysis W/W%: 9.6% Zn, 28.3% P205, 1.3% K2O

APPLICATION

CEREALS: Foliar: 1 - 2.5 L/ha. Min Dilution: 1 : 30. **In Furrow: 5 - 10 L/ha.** Min Dilution: 1 : 10. Commence at 4 - 6 leaf stage up to early tillering. Apply in upto 100L water/ha.

CITRUS: Foliar: 2.5 - 5.5 L/ha. Min Dilution: 1 : 40. Apply at both spring and autumn flush.

COTTON: Foliar: 2 - 5 L/ha. Min Dilution: 1 : 20. **In Furrow: 5 - 10 L/ha.** Min Dilution: 1 : 10. Commence 4 - 6 leaf stage and up to green boll.

MAIZE: Water Injection: Foliar: 2 - 4 L/ha. Min Dilution: 1 : 13. Apply as water injection. **Foliar: 2 L/ha.** Min Dilution: 1 : 50. Apply at 4 - 6 leaf stage.

PULSES, SOYBEANS: In Furrow: Foliar: 5 - 6 L/ha. Min Dilution: 1 : 10. Apply as water injection or in furrow at sowing in min 50 L up to 100L water/ha.

POTATO: In Furrow: Foliar: 5 - 6 L/ha. Min Dilution: 1 : 10. Apply as water injection or in furrow at sowing in min 50 L up to 100L water/ha.

RICE: Foliar: 1.5 - 3.5 L/ha. Min Dilution: 1 : 20. Apply when sufficient leaf area available.

VEGETABLES: Foliar: 2 - 4 L/ha. Min Dilution: 1 : 200. **In Furrow: Foliar: 4 - 8 L/ha.** Min Dilution: 1 : 10. Apply at early stages of growing season when sufficient leaf cover present. Apply with compatible crop protection sprays.

VINES: Table and wine grapes. Foliar: 2 - 4 L/ha or 200 - 800ml / 100 L/ha. Min Dilution: 1 : 200. Apply at shoots 30cm. Repeat as required. **DO NOT apply more than 1x per hectare rate or 1x concentration.**

Minimum Dilution: A dilution of 1 : 100 means 1 part product : 100 parts water.

In hot weather, use the higher dilution rate where applicable.

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NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.