

2-62-3N-P₂O₅-K₂O**POWERPZ**

Nitrogen and phosphorus supported by potassium facilitating the uptake of critical trace element zinc.

Pop Up Starter Fertiliser for Broadacre Crops

Can be used for Fertigation or Furrow Injection of field crops, fruit trees and vegetable crops.

Injection of fertiliser at sowing is practised to achieve maximum efficiency of fertiliser use. Fertiliser applied in localised bands at planting results in a high concentration of soluble salts close to the root zone. Banding needs to be even, and at least 5cm below and to the side of the seed row to avoid toxicity and damage during germination and seedling growth. Grower can decide about optimum dilution, or volume that suits the target crop considering available soil moisture and sowing rate.

How the profit margin increases by liquid injection?

Injection increases profit margin by:

- 1 Reducing fertiliser losses due to proper timing and placement of fertiliser.
- 2 Minimising tie-up and fixation in soil, a phenomenon well proven when comparing liquid phosphate versus granular phosphate applications.
- 3 Increasing nutrient uptake by uniform banding of nutrient in rooting zones which minimises the root 'depletion zone' impact.
- 4 Increasing yield potential by supplying essential elements to young seedlings from the start of germination to early seedling growth during which the crop yield potential is set.

PowerPZ 2-62-3 N-P₂O₅-K₂O with 2% zinc is a totally soluble injection product with acid pH to supply ionic forms of essential nutrients for crops, especially in neutral and alkaline soils. Since alkaline soils tie-up phosphorus and zinc, the concentration of these elements is deliberately raised to compensate for phosphate/zinc antagonism. Potassium is included to facilitate the mobility and availability of phosphate in the rooting zone.

Application Rates

Rate for Furrow Injection at Sowing

For furrow injection of field crops such as cotton, sorghum and maize use **10L - 15L per hectare** and dilute with water to the desired volume (optimum dilution is 2X - 3X the product volume).

Fertigation Rate for Established Crops

For fertigation of established field crops, vegetables, orchards, vines and sugarcane use **1 to 2** applications of **10L - 20L per hectare** in a minimum dilution of 100X during crop growth or at post-harvest as required.

Analysis

Nitrogen (N)
Phosphorus (P)
Phosphorus (P₂O₅)
Potassium (K)
Potassium (K₂O)
Zinc (Zn)

SG



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