

Slow Releasing Micronutrient Fertilizer

The technology, a Slow Release non-polluting Micronutrient Fertilizer, can increase crop yields by 20-40% with dosages that are 10-25% of current dosages. The innovation and world beating part of the invention is the slow release (bio-release) functionality of the fertilizer. The fertilizer is like a nutrient storehouse for the entire duration of the plant's life. The fertilizer is an inorganic polymeric phosphate based compounds of zinc, iron, manganese, copper, molybdenum and boron and their multinutrients (compounds).

Salient Features

- The fertilizer is like a nutrient storehouse for the entire duration of the plant's life. Due to the unique Bio-Release functionality of the fertilizer, a plant's root can absorb nutrients from the fertilizer according to its needs. This is especially beneficial in increasing yields since a plant requires different quantities of nutrients at different stages of its life cycle.
- The primary benefit (and selling point) of the fertilizer is the cost benefit advantage provided to large scale farmers.
- This is substantially better than the current Water Soluble and Water Insoluble micronutrient fertilizers present in the market today.

Major Application / End Users

- Large Scale farmers