



(22:20:0:10) is a next generation multinutrient fertilizer. Bioactive NPs is an activated multi nutrient blend of Nitrogen and Phosphatic Fertilizers enriched with Bioactive Sulfur and Bioactive Zinc.

Bioactivation of NPs has been done with patent Bioactivation technology of Niha Corp USA. It is coated with activating agents, a blend of Acclimatized Beneficial Microbes consortium, Microbes Growth promoting Organic material blend. This Bioactivation ensures more nutrient availability to plant and less fixation of P₂O₅, Zinc in soil. Giving significant higher yield vs classical NP.

Bioactive Active Bio Active Sulphur and Bio Active Zinc is a next generation Sulphur and Zinc. Bio Active Sulphur and Bio Active Zinc are organically encapsulated. This Bioactivation ensures continuous availability of Bio Active Sulphur and Bio Active Zinc to plant.

Bio Active Sulphur and Bio Active Zinc have synergetic relation with Nitrogen and Phosphorus availability and performance with respect to plant.

NPs gives 10-15% higher yield vs classical NP. NPs is an acidic multi nutrients fertilizer. It is all rounder blend for

basal and top dressing to meet Nitrogen, Phosphorous, Zinc and Sulfur requirements of plant. It makes soil softer and more porous. An ideal source for calcareous and salt affected soils.

Bio Active Sulphur and Bio Active Zinc is essential for the growth and development of all crops, without exception. Like any essential nutrient.

Bio Active Sulphur and Bio Active Zinc also has some key functions in plants: -

- **Formation of chlorophyll** that permits photosynthesis through which plants produce starch, sugars, oils, fats, vitamins and other compounds.
- **Protein production.** Bio Active Sulphur and Bio Active Zinc is a constituent of three S-containing amino acids (cysteine, cystine and methionine), which are the building blocks of protein. About 90% of plant S is present in these amino acids.
- **Synthesis of oils.** This is why adequate Bio Active Sulphur and Bio Active Zinc is so crucial for oilseeds.
- **Activation of enzymes**, which aid in biochemical reactions in the plant.
- **Increases crop yields and improves produce quality**, both of which determine the market price a farmer would get for his produce like cereals, oil seed, tobacco, onion, garlic etc.