

OK-NPK

BIO NPK



Mode of action: Azotobacter spp. in NPK liquid formulation increase nitrogen uptake, produce plant growth hormones (IAA, GA), vitamins enhancement in uptake NO_3 , NH_4 , H_2PO_4 , K and Fe.

Azospirillum is an associative micro aerophilic nitrogen fixer. This bacterium induces the plant to secrete mucilage which aerates the low oxygen environment and helps to fix atmospheric nitrogen.

PSB possess the activity to solubilize phosphorus by secreting organic acids (Gluconic acid, formic acid, glutamic acid, lactic acid, citrate, malic acid) lower soil pH and turns unavailable forms of soil phosphate to available form KMB to mobilize potash available in soil of the plant. This activates the numerous enzymes system involved in formation of organic substances and protein compounds.

Target Crops: Suitable for all crops like Paddy, Wheat, Maize, Groundnut, Sugarcane, Grapes, Pomegranate, Citrus, Banana, Tea, Coffee, Coconut, Vegetables and Flowers.

Method of application and dosage for Liquid Formulation:

OK-NPK is a balanced perfect mixture that creates a balance in the use of chemical fertilizer

- Soil application – Mix 500 ml – 1.0 lit. OK-NPK per acre in 50 Kg of well decomposed FYM / compost / Vermicompost or soil of the field. Broadcast at the time of field preparation and in the standing crop twice in the cropping season. In Horticultural crops it should be broadcasted in the root active zone.
- Foliar spray – Take 500 ml – 750 ml OK-NPK mix in 150 lit. of water and spray at 1 month old crop to eliminate the deficiency of nutrients, 2 – 3 spray at 1 month interval gives better result.
- Drip irrigation – Mix 500 ml – 1.0 lit. OK-NPK per acre in 100 lit. of water and apply in the field through drip irrigation.

