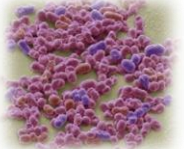


NPK Bio-Fertilizer is a bio-fertilizer containing live microbial mixture of Azotobacter, PSB and KMB which helps in enhancing the soil fertility by fixing atmospheric nitrogen, mobilizing potassium, solubilizing phosphate and decomposing organic wastes and thereby producing plant growth substances.



Total viable count	CFU minimum any mixture of 2 or maximum 3 of following micro-organisms. CFU of Rhizobium or Azotobacter or Azospirillum: 1×10^7 cell per gram or liquid, CFU minimum PSB: 1×10^7 cell per gram or liquid. CFU minimum KMB: 1×10^7 cell per gram or liquid.
Total viable count	CFU minimum 1×10^7 cell per gram of carrier or powder and No contamination of 10^5 dilution.
pH	5.0 – 7.0
Efficiency character	The efficiency character of individual microorganisms to be determined as mentioned in the case of individual biofertilizers through quantitative estimation method.

ADVANTAGES:

- + Increase utilization of atmospheric nitrogen.
- + Solubilization of unavailable form of phosphate.
- + Mobilize the fix and left potash in the soil.
- + It increases plant drought tolerance under drought condition.
- + Safe, non-toxic to humans, plants, animals and environment.
- + Increase 20 — 30% yield and quality of the produce.
- + Improve physical and chemical properties of soil with aeration and water retention.
- + Reduced disease infestation up to some extent.
- + Cost saving and reduce dosage per acre of N, P and K fertilizers.
- + Improve coloration, appearance and shelf life of perishable fruits & vegetables.

RECOMMENDED CROPS: -

Wheat, Teff, Barley, Maize, Corn, Sorghum, Pearl, Millets, Black and Green Gram, Cicer, Cowpea, Chickpea, Groundnut and Soya bean, Carrot, Beetroot, Potato, French Bean, Lentils, Cluster bean, Brinjal, Capsicum, Guards, Melons, Gherkin and other cucurbits, Ginger, sweet flay, Black pepper, Vanilla, sugarcane, Fruits tree and crops and ornamental plants.

DOSE AND METHOD OF APPLICATION:

- Seed treatment: 10ml per 1 kg of seeds.
- Soil application: 1 liter mixed with 1000 kg of organic fertilizer and applied in 1 acre of land.
- Drip System: 3 liters / ha mix with 500 lit of water.
- Seedling Dipping: Mix 100ml / 15 lit of water and dip the seedling for 30 min before transplanting.

DOSAGE: 1 – 1.5 Liter/acre

(Above dosages may vary depending upon Crop variety, crop deficiency, Soil and environmental conditions.)

Note:

- Do not mix with chemical fungicides, pesticides and Antibacterial Agent.
- Shake well before use, once bottle opened use the entire content.
- Since the storage and application conditions like climate, seed quality, farm machineries, use of agrochemicals etc. are beyond our control, we do not take any responsibility other than quality of product.
- User assumes all risks and liabilities arising from its handling, use or application of this product.
- For more information, please refer literature carefully.



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