

BIO SAMPURNA LIQ.

Complete food for plants

Bio Sampurna Liq. is an excellent combination of three individual microbes, that facilitates the absorption of available Nitrogen, Phosphorous and Potassium to the plants.

Bio Sampurna is represented by the following microbes: **1. Azotobacter chroococcum** **2. Phosphobacteria** (followed by Phosphate solubilizing microorganism (PSM) and Bacillus megaterium) **3. Frateuria aurantia**.

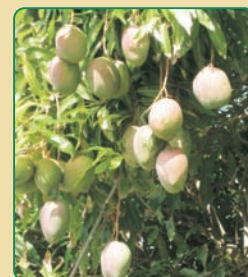
1. Azotobacter chroococcum - It plays an important role in binding atmospheric nitrogen, which is inaccessible to the plants and releases it in the form of Ammonia ions. into the soil. 1 Kg can fix considerable quantity of Nitrogen to the range of 20-40 Kg/Ha

2. Phosphobacteria - It solubilizes the Phosphate present in the soil and makes it available to the plants.

3. Frateuria aurantia - It has the ability to mobilize elementary or mixture of Potassium, which can be easily absorbed by the plant. The mobilizing power is so high that it can save upto 50-60% of Chemical Potassium Fertilizer.



Untreated



Treated

Advantages : **1.** They provide NPK to the plants in a situation where chemical fertilizer failed to do so. **2.** It suppresses the effect of Chemical Fertilizers, and the dosage of N, P & K could be reduced to the extent of 40 - 50%. **3.** Improve soil properties and sustain soil fertility. **4.** Improves yield, quality of produce and imparts resistance against pests and diseases. **5.** Eco friendly, Effective and Economic and does not leave any residues. **6.** It also imparts the following qualities to the produce : • Earliness • Succulence • Brix Level

Dosage : **Seeds & Seedling application :** 2 ml / l of water
Soil application : 3 l / Ha per year in two splits

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