



**RHIZO-PEP**

**PRODUCT CODE –BF 004**

### **PRODUCT PROPERTIES**

**Active Ingredient:** *Rhizobium*

**Finished Product** – Talcum based powdered formulation of *Rhizobium*

**CFU Count** – NLT  $2 \times 10^8$  cfu/gm

**Functional Uses** – Bio-Fertilizer

**STD PACKING** – 1.00 Kg

### **PRODUCT BENEFITS**

- Rhizobium is use full in legume and oil producing crops viz. pigeon pea, pea, chickpea, soybean, ground nut etc.
- Rhizobium fixes atmospheric nitrogen to the level of 20-40 kg per hectare and thereby helps to reduce the amount of synthetic fertilizer usage.
- Rhizobium improves the plant vigour and health and ultimately increase crop yield.
- Rhizobium to improve the soil health.

### **METHOD OF APPLICATION & DOSAGE**

- **Seed treatment:** Before sowing, treat one kg of seeds with 35-40 gm of Rhizobium formulation with minimum amount of water required and dry in shade.
- **Soil application:** Mix 5 kg of formulation with 100 kg of well decomposed organic manure or 50 kg vermi-compost, keep the mixture under shade for one week and broadcast to the field.
- **Drip irrigation:** Mix 5 kg of formulation in 100 lit of water. Filter the mixture with a muslin / mal-mal cloth and use the filtered solution in drip irrigation for one acre.