



## Technical Data

**Product Code : WA302**

**Product Name : SuperPhosSol**

### **Product Information :**

SuperPhosSol helps in proper growth and development of various crops, primarily because of its ability to solubilize insolubilized phosphorus present in the soil as complex form to simple soluble form for plant uptake. The principal mechanism for mineral phosphate solubilization of PSB is its production of organic acids and acid phosphatases which play a major role in the mineralization of organic phosphorous.

### **Fertilizer Type :**

Phosphate Solubilizing Bacteria

### **Recommended Dosage :**

2ml per 100 litres of water

### **Directions for Use :**

#### ***Soil application :***

1. Add 2ml of SuperPhosSol in 100ml of water, mix well to get a homogenous solution.
2. Make up the final volume to 1 litre by adding water and mix well.
3. Mix this well and use this SuperPhosSol solution with 50kg of vermicompost/dung/compost manure. Apply this mixture around the root zone for crop per acre.

#### ***Seed/Seedling application :***

1. Add 2ml of SuperPhosSol in required volume of water to coat desired seeds per acre.
2. Boil 100gm jaggery or 10gm guar gum in required amount of water and allow it to cool.
3. To increase the sticking ability, add the cooled jaggery or guar gum mixture to the above microbial solution. Mix well till the solution gets homogenized.
4. Treat the seeds by gently rubbing them in the above solution for even coating. [Use rubber gloves].
5. Let the seeds dry for 15-20 mins in shade by spreading them on a plastic sheet.
6. Seeds treated in this manner can now be used for sowing purpose.
7. For seedling treatment, Dip the desired seedlings roots/shoots in the above solution for 5-10 secs and then use them for transplanting in the field.

***Drenching/Drip application :***

1. Add 2ml of SuperPhosSol in 10 litres of water, mix well to get a homogenous solution.
2. Make up the final volume to 100 litres by adding water.
3. Mix well and use this SuperPhosSol solution around the root zone for crop per acre through drenching or drip.

***Foliar application :***

1. Add 2ml of SuperPhosSol in 10 litres of water, mix well to get a homogenous solution.
2. Make up the final volume to 100 litre by adding water.
3. It is recommended to carry out spraying in early morning prior to sunrise or early evening prior to sunset.

**Incompatibility :**

Do not use the product along with chemical fertilizers.

**Compatibility :**

Compatible with other biofertilizers/biopesticides.

**Quality Control :**

Base	Liquid
pH	5.0 - 7.5
Viable cell count	$10^{11}$ colony forming unit /ml of liquid
Efficiency character	Minimum 5 mm solubilization zone in prescribed media

**Storage & Shelf life :**

Store the product below 30<sup>0</sup>C in a cool dry place away from direct heat and sunlight. Do not store the product along with food or animal feed. Empty vial should not be used for storage of any food products. Keep the product out of children's reach. Use before the expiry date mentioned on the label.

**Note :**

For agricultural use only.



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### **Disclaimer :**

The use and storage of this product is beyond our control. We only assure the uniform quality of the product. The company is not responsible for crop damage occurring due to improper storage or sudden changes in environmental conditions or any natural calamity.