

**Product : WA309****Product Name : SuperNitro****Product Information :**

SuperNitro is a biofertilizer that helps in fixing atmospheric nitrogen in the soil and makes it available to the roots of plants. The genus Azotobacter is also known to synthesize biologically active substances viz., PGR's such as auxins, cytokinins which aids in stimulating plant growth. The genus is also known to facilitate the mobility of heavy metals in the soil and thus enhance soil bioremediation.

**Fertilizer Type :**

Azotobacter

**Recommended Dosage :**

2ml of per 100 litres of water

**Directions for Use :*****Soil application :***

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

***Foliar application :***

1. Add 2ml of SuperNitro 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	6.5 - 7.5
Viable cell count	10 <sup>11</sup> colony forming unit /ml of liquid
Efficiency character	Pellicle formation in nitrogen free broth medium

**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.



## Technical Data

### **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.