

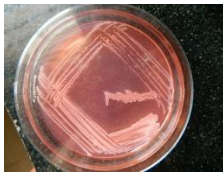


Rhizobium

A truly sustainable plant nutrition solution.

Rhizobium is symbiotic nitrogen fixing bacteria fixes atmospheric nitrogen in the root nodule, formed in the roots of leguminous plants. It promotes seed germination as well as improves root development and plant growth, it can reduce usage of chemical nitrogenous fertilizers by up to 40%-45% and increases yield.

Bio- efficiency: Makes symbiotic association with leguminous plants and fixes the atmospheric nitrogen.

Picture	Parameters	Powder	Granules	Liquid
	Appearance	White fine powder	Black Granules	Pale Yellow
	Odour	Odourless	Odourless	Mild Offensive
	pH	-	-	6.5-7
	Solubility	Insoluble in H ₂ O	Insoluble in H ₂ O	Soluble in H ₂ O
	Origin	Bacteria Isolated from soil	Bacteria Isolated from soil	Bacteria Isolated from soil
	Available Packing	1 kg	35 Kg	1 liter
	Minimum Order Qty	100 kg	10 MT	100 liter
	Shelf Life	1 Year	1 Year	1 Year

Advantages:

- This bacteria attach on the surface of root and enters through the root hair. It forms symbiotic association and root nodules and converts atmospheric nitrogen into ammonia and then into organic nitrogenous compound which plant can utilize.
- Rhizobium can fix 50-100 kg Nitrogen/ha in one crop season and succeeding crop will also get the benefit of about 20-30 kg N/ha which is left behind. This bacteria can increase crop yield up to 20-35%.
- Rhizobia bacteria in nodules secrete a mucous substance which is known to improve the soil fertility and growth of the plant.
- This bacteria is known to improve seed germination as well.

Note: We are bulk Manufacture of Rhizobium, we provide customized formulation in liquid, powder and granular form.

