



# N-Fix



Approved Input for organic agriculture  
Attested by ECOCERT- India Pvt.Ltd./NPOP/  
NAB/002 as per NPOP/EC/NOP regulations

## Nitrogen fixing Liquid Biofertilizer

**N-Fix** is capable of fixing atmospheric nitrogen for the plant.

It has an associative symbiotic relation with graminaceous plants thereby making available atmospheric nitrogen (30-50% of N requirement) to the various crops.

It secretes ammonia in the rhizosphere in the presence of root exudates, which helps nutrient uptake by plants, thereby improving yield up to 25%.

**N-Fix** has the ability to synthesize auxins, cytokinins, vitamins, growth promoting substances and certain secretions that help it to enhance its dominance in the vicinity of its growth. Eg. Thiamin, Riboflavin, Indole Acetic acid, Gibberellins, Nicotinic acid and Vitamin B.

Its nitrogen fixing activity continues even after the existing sources of nitrogen have been exhausted.

It imparts resistance against plant pathogens such as Alternaria, Fusarium and Helminthosporium.

**N-Fix** cells, on dying, mineralize cell proteins in soil, thereby contributing towards the nitrogen available for the crop.

Presence of organic matter, cellulolytic microorganisms and small amounts of humus can further increase the efficiency of N-Fix.

Increases mineral and water uptake, root development and vegetative growth.

Tolerant to high salts and thrives even in alkaline soils

### Increases over control on using N-Fix AB

Freshweight	25%
Dry weight	27%
Protein yields	40%

### Advantages:

- Cheap and easy to handle.
- Does not change major parts of the farming and cropping system.
- Recycles in the soil as nutrition available to plants, whereas synthetic fertilizers deplete the soil productivity/fertility.

### Dosage:

**Soil application:** 1 litre of N-Fix to be mixed in 1 ton of Organic Manure & applied in 1 hectare.

**Seed treatment:** 5-7ml per kg of seeds.

**Seed dipping:** Make a solution in water at 5-7ml per litre of water and dip the seeds before transplanting.

