

ONERHIZO

Nitrogen Biofertilizer

For LEGUME CROP CULTIVATION



Bacteria used: ***Rhizobium*** species

About the bacteria: ***Rhizobium*** species are gram-negative, soil bacteria which can fix nitrogen in presence of symbiotic association with the roots of legume plants and convert atmospheric nitrogen into ammonia with the help of nitrogenase enzyme and this association would also leave residual soil nitrogen for the succeeding crop.

Use in agriculture: This bacterium is particularly used as nitrogen bio-fertilizer for legume crop cultivation.

Our product: We are glad to introduce **ONERHIZO** both in liquid and powder form which have 100 to 110 times ($\times 10^{10}$ to $\times 10^{11}$) more ***Rhizobium*** than normal growth which can fix 30-45% more nitrogen is higher than many other products available in the market and also confirms more efficiency and cost effective. In very low dose it can cover major area of land or more plants or seeds.

Specifications of our product: This product is developed on our patented technology where we get 20 times more bacterial colonies after 72hours of inoculation just using a nano material in this product which is non-hazardous to the environment. This rapid bacterial growth will also help farmers to control pathogenic fungal and other bacterial diseases to plants.

ISO 9001:2015 Certified

One BioSys Sdn Bhd

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Application doses and methodology: We have both liquid and powder can be used as seed priming in regulated doses of application determined for specific leguminous plant species.

DOSES:

Seed treatment Procedure: 2 kg **ONERHIZO** for seeds required per hectare.

Methodology:

For Seed Treatment: Mix required quantity of **ONERHIZO** with small amount of water to make it slurry like mixture. Then add washed seeds required for 1 hectare of land in it and mix nicely so that there should be a thin coat over the seeds and then dry the seeds under shade before sowing.

Precautions:

1. Keep it out of reach of children and do not swallow it. Always rinse hands with soap after using it. Better to use gloves.
2. Do not mix **ONERHIZO** with any chemical pesticides. For best results, do not use **ONERHIZO** and chemical fertilizers on the same day. Keep packets of **ONERHIZO** in a cool place away from sunlight.
3. Once the packet is opened, use the whole amount of **ONERHIZO** in the same day and use it before expiry date.



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