

# REVIVE (BIO.,)

**Revive (Bio.,)** is a bio-fertilizer based on the selective strains of nitrogen-fixing beneficial bacteria. This is available in powder ( $1 \times 10^7$  CFU / gm) formulation which can reduce or remove the need for Chemical fertilizer. This product helps in production of superior crops by providing balanced nutrition in available form.

## Each Organism : $1 \times 10^7$ cfu

- Azotobacter Chroococum
- Acetobacter Aurantius
- Paenibacillus Mucilaginosus
- Bacillus Megaterium Var. Phosphaticum
- Streptomyces Gelaticus
- Ensifer Meliloti
- Pseudomonas Striata
- In Organic / Vegetable Protein Base

- Prevents Plant growth with Bio pesticidal effect.
- Provide aeration of the soil and increase its water holding capacity.
- Decrease or remove the need for chemical fertilizer.
- Secrete the plant growth hormones and regulators.
- Has no harmful effect on Soil Fertility and Plant growth.
- Enhances soil fertility and nutrient availability.
- Reduces stress caused by environment changes.

- Meet the nitrogen need of the plants by providing atmospheric nitrogen fixation.
- Transform phosphorus and potassium salts in the soil by dissolving them into the form that the plant can get.
- Secrete the plant growth hormones and regulators.
- Remove harmful compounds in the plant cultivation medium by splitting them.
- Suppressing the microorganisms which may prevent the plant growth with their biopesticidal effect.
- Perform the duties of improvement and protection of the natural, chemical and biological structure of the soil because they increase the organic content in the medium.
- Provide aeration of the soil and increase its water holding capacity.
- Decrease or remove the need for chemical fertilizer.

Revive(Bio.,) is suitable for application on Cereals, Millets , Pulses, Oilseeds, Fiber Crops , Sugar Crops , Forage Crops , Plantation crops , Vegetables, Fruits, Spices , Flowers , Medicinal crops , Aromatic Crops Orchards and Ornamentals.



## BIOTECH DIVISION OF INDO GULF COMPANY

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# REVIVE(BIO.,) LIQUID

**Soil Application :** Mix 2.5 Ltr of Revive(bio) in 300 Ltrs of Water and spray for 12 Acre. Repeat after 15 Days.

**Seed Inoculation :** 250 ml of Revive(Bio.,) for 10 to 15 Kg of Seed. Take required quantity of Seed to be inoculated. A Slurry is made by adding adequate water with the required quantity of Revive (Bio.,). This slurry is uniformly applied to seed, then dried in shed and sown.

**Seedling Inoculation:** Seedlings required for one acre are inoculated with 2 Ltrs of Revive(Bio.,) mixed properly in Water. Roots are dipped in the Mixture so as to enable roots to get inoculum. These seedlings are then transplanted.

**Foliar application:** Mix 20 ml. of Revive (Bio.,) 2 Ltrs of water and use it for foliar spray. Spray volume depends on crop canopy.

## ATTENTION

This specimen label is provided for general information only.

- This biological product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state/provincial, and local laws and regulations regarding the use of biologicals.
- Before using any biological, be sure the intended use is approved in your state/province or locality.
- Your state/province or locality may require additional precautions and instructions for use of this product that are not included here.
- Indo Gulf Company does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label.
- You should not base any use of a similar product on the precautions, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the biological you are using.

**For application to seed in commercial seed treating equipment or for use in on-farm planting equipment.**

**Microbial seed inoculant for improving nutrient availability for increased yield potential.**

**NONPLANT FOOD INGREDIENT Not a fertilizer substitute**

**Warning : May form combustible dust concentrations in air [with packages greater than 25 kg].**

**Read the entire label before using this product. Use only according to label directions.**

**Open package only when ready to use. Use before expiration date.**

Apply this product only as specified on this label. Reference the specified application rate to determine the proper amount needed for seed. Additional talc and/or graphite may be applied if needed.

Dust particles may cause slight eye irritation. May cause respiratory irritation. Causes damage to lungs by inhalation through prolonged or repeated exposure.

This product may cause adverse effects to individuals who are repeatedly exposed to it. Eye or skin contact, inhalation, or ingestion should be avoided. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, and eye protection. Avoid breathing dust. Ensure adequate ventilation. Use only outdoors or in a well-ventilated area. Where exposure through inhalation may occur, use respiratory protective equipment. Wash thoroughly after handling. If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

The active ingredients in product are Bacillus amyloliquefaciens and Trichoderma virens spores. This product contains microorganisms that may have the potential to provoke sensitizing reactions; use appropriate personal protective equipment (PPE) to reduce exposure. Sensitized individuals should wear an approved respirator. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

Product contains live spores of the naturally occurring fungus Trichoderma virens and the naturally occurring bacteria Bacillus amyloliquefaciens, which may be damaged when exposed to high temperatures or contact with water for more than 4 hours. The live organisms contained in Product require specific storage conditions to ensure viability and product performance. To maintain product viability:

- Store unopened containers of Product in a dry cool place (less than 68°F or 20°C) away from sunlight and heat sources. Store locked up.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.
- Use before the expiration date. The expiration date is valid for unopened containers stored according to conditions listed above.
- Keep out of reach of children.

Unused Product and seed to which Product has been applied should be disposed of in accordance with applicable Federal, state/provincial, and local requirements.

The Seller warrants that this product contains a minimum number of Bacillus amyloliquefaciens and Trichoderma virens colony forming units, as specified on this label. The Seller makes no other warranty expressed or implied as to product viability or performance since product storage, use and growing conditions are beyond the Seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition. If this product does not perform as warranted above, and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Indo Gulf Company.

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# REVIVE(BIO.,) POWDER

**Soil Application :** Mix ½ Kg of Revive powder with 10kg of sand or vermiculite, and spread uniformly in 1 acre of land. Watering must be done after planting.

**Seed Inoculation :** Utilize 250gms of Revive powder for 10 to 15 Kgs of seeds. Take required quantity of seeds to be inoculated and make a slurry by adding adequate water and the required quantity of Revive powder. Leave the slurry overnight, then dry the seeds in the shade before sowing.

**Seedling Inoculation:** Seedlings required for one acre are inoculated with 2 Kgs of Revive powder mixed properly with adequate water. Roots are dipped in the mixture so as to enable the roots to get inoculum. Leave it dipped for 8 to 12 hours and then the seedlings are transplanted.

**Foliar application:** Mix 20gms of Revive powder with 2 Liters of water and spray the crops at the radical areas (such as leaves & roots). Spray volume depends on crop canopy.

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