

# Strengthening Agriculture



## A.C. AGRITECH

Organic enthusiast organization A C AGRITECH belives in conservation of nature and mother land. By improving soil quality, our organic range of products helping farmers to increase their wealth and sustainably strengthening agriculturein every aspects



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# MYCOTECH

माइकोटेक MYCORRHIZAL BIOFERTILIZER



माइकोटेक

# MYCO TECH

MYCORRHIZAL  
BIOFERTILIZER  
GR

Mycotech GR is an advanced technology driven product containing several beneficial natural substances that help in the development of root and abundant root branching by enhancing water and nutrient availability to the crops. Mycotech GR as natural root symbionts supply essential plant nutrients to host plants for improved growth, yield and immunity in both unstressed and stressed conditions. Mycotech GR has the potential to improve plant's adaptability upon changing environments. Mycotech GR also increases resistance in plants that protect them against disease and it supports the production of several plant hormones that maximize the yield.

**Crops:** Mycotech GR is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals.

#### Application

**Soil Application:** Broadcast 4 kg of Mycotech GR before sowing or after sowing in 1 acre of land and irrigate the field.

#### Packaging size :

**Powder :** 500gm / 1kg

**Granule :** 4kg / 10 kg



# CONSOTECH

N P K CONSORTIA

कॉन्सोटेक

एन पी के कंसोर्टिया

## CONSOTECH

N P K CONSORTIA

Consotech is a unique fermentation technology driven product that provides nitrogen, phosphorus and potassium to plants in a very efficient manner. Consotech works to fix atmospheric nitrogen, solubilize phosphorus and mobilize potassium. It helps plants in the uptake of essential macro and micro nutrients from soil. It ensures early seed germination, crop growth and helps to build plant immunity. With application of Consotech farmers can reduce the use of inorganic fertilizers in the field and make their farmland more efficient to deliver nutrients to the crop and build its biological cycles autonomously that makes farm land more and more fertile in an organic manner.

**Crops:** Consotech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

#### Application

**Soil Application:** Mix 500-1000ml of Consotech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 1 acre of standing crop and irrigate the field

**Drip Irrigation:** 1 Liter of Consotech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Consotech in 100-150ml water with 5% of organic jiggery / crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

CFU count:  $3 \times 10^8$  CFU/ml. pH: 5.0-7.5

**Ingredients:** Microorganisms (Azotobacter, PSB & KMB) Growth Media, Carrier material.

**Shelf life:** Suitable for 12 months from date of Mfg. Date.

#### Packaging size :

**Powder :** 500gm / 1kg

**Granule :** 4kg / 10 kg

**Liquid :** 500ml / 1ltr

Strengthening Agriculture



# AZOTECH

NITROGEN FIXING BACTERIA

एजोटेक

## AZOTECH

NITROGEN FIXING BACTERIA

Azotech is free living nitrogen fixing bacteria, having their unique metabolism they can actively fix atmospheric nitrogen in soil. It produce phytohormones like auxins, Gibberellins, and cytokinines, which improves seed germination, plant growth and plant health. Antifungal substances produced by Azotech inhibits the growth of soil Borne fungi and result in lowering the disease incidence that ultimately helps to save farmer's wealth.

**Crops:** Azotech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

### Application

**Soil Application:** Mix 500-1000ml of Azotech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 2 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of Azotech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Azotech in 100-150ml water with 5% of organic jiggery / crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

CFU count:  $1 \times 10^8$  CFU/ml. • pH: 5.0-7.5

Ingredients: Microorganism, Growth Media.

Shelf Life: Suitable for the 12 months from date of Mfg. Date.

### Packaging size :

**Powder :** 500gm / 1kg

**Granule :** 4kg / 10 kg

**Liquid :** 500ml / 1ltr



# POTECH

POTESSIUM MOBILIZING BACTERIA

पोटेक

## POTECH

POTESSIUM MOBILIZING BACTERIA

Potech is the product that easily provides required potassium to the plant that is necessary to regulate metabolic activities of plant and enhanced water and nutrient absorption. By active and healthy metabolism plant can improve its yield, taste, colour, texture and disease resistance. Potech bacteria converts insoluble potassium to simple and soluble form for plant uptake. With the help of growth hormones secreted by potech bacteria, increased crop productivity and enhanced soil health and fertility can be achieved.

**Crops:** Potech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

### Application

**Soil Application:** Mix 500-1000ml of Potech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 2 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of Potech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Potech in 100-150ml water with 5% of organic jiggery / crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

CFU count:  $1 \times 10^8$  CFU/ml. • pH: 5.0-7.5

Ingredients: Microorganism, Growth Media, Carrier material.

Shelf Life: Suitable for the 12 months from date of Mfg. Date.

### Packaging size :

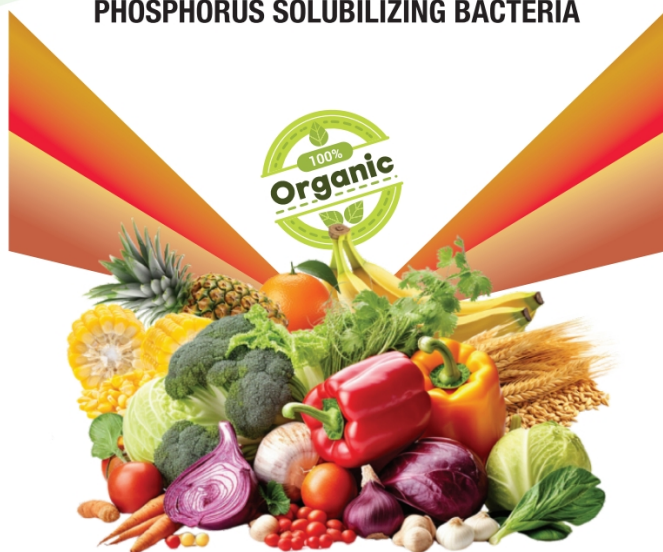
**Powder :** 500gm / 1kg

**Granule :** 4kg / 10 kg

**Liquid :** 500ml / 1ltr

# PHOSPHOTECH

## PHOSPHORUS SOLUBILIZING BACTERIA



फॉस्फोटेक

## PHOSPHOTECH

### PHOSPHORUS SOLUBILIZING BACTERIA

Phosphotech is advanced phosphate solubilizing bacteria that converts insoluble phosphorous available in soil to soluble phosphorous that is utilizable to the plant for their requirement. Bacteria produces various acids for this conversion that also acts to conditioning of soil by improving soil organic matter. It strengthens plant root system and make some micronutrient available to roots. phosphotech is a ecofriendly biofertilizer and increases crop yield. It encourages faster root and shoot development resulting in better uptake of basic requirement of plant. Phosphotech provides resistance against drought and make plant healthy and booming.

**Crops:** Phosphotech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

#### Application

**Soil Application:** Mix 500-1000ml of Phosphotech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 2 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of Phosphotech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Phosphotech in 100-150ml water with 5% of organic jiggery/crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

**CFU count:**  $1 \times 10^8$  CFU/ml. • **pH:** 5.0-7.5

**Ingredients:** Microorganism, Growth Media, Carrier material.

**Shelf Life:** Suitable for the 12 months from date of Mfg. Date.

#### Packaging size :

**Powder :** 500gm / 1kg

**Granule :** 4kg / 10 kg

**Liquid :** 500ml / 1ltr

# IRONSTECH

आयरनस्टेक



## IRONSTECH

Iron is very crucial micronutrient for plant and it is less available to them. Ironstech is an effective biofertilizer that helps solubilizing iron content in the soil and make them available for the plant. This product is highly recommended for those soils with iron deficiency. It makes plant to tolerate drought and stressed conditions. It helps to maintain the soil pH, It increases the number of flowers, fruits, and increase their size, maintains soil fertility and activates stress management system. Ironstech Encourages faster root growth for water and nutrient uptake Helps to increase the crop yield.

**Crops:** Ironstech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

#### Application

**Soil Application:** Mix 500-1000ml of Ironstech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 1 acre of standing crop and irrigate the field

**Drip Irrigation:** 1 Liter of Ironstech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Ironstech in 100-150ml water with 5% of organic jiggery/crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

**CFU count:**  $1 \times 10^8$  CFU/ml. • **pH:** 5.0-7.5

**Ingredients:** Microorganism, Growth Media, Carrier material.

**Shelf Life:** Suitable for the 12 months from date of Mfg. Date.

#### Packaging size :

**Powder :** 500gm / 1kg

**Liquid :** 500ml / 1ltr

# BOOSTECH



Compost fertilizer / Organic Manure

## BOOSTECH

बूस्टेक

The yield varies due to nature of plant, variety, climate, irrigation and soil fertility. Soil cannot meet the various requirements of plant for a long time. Fertilizers have to be used to get more production. Excessive use of only chemical fertilizers can be harmful, so it's very important to use more and more organic fertilizers or compost. Farmers can obtain more yield by using these extraordinary compost fertilizer BOOSTECH. It increases organic carbon in soil and maintains its metabolism and fertility. BOOSTECH have the ability to fulfil all underearth requirements of plant.

**Crops:** Boostech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals.

**Application:** For pots / loan / garden : Use 200 g per pot Or 1 kg in small garden And repeat application after 1 to 2 months For farm land : use 100 kg per acer with mycotech and cronytech

**Benefits:** It makes soil porous, healthy and fertile • Boostech balances the soil by removing salinity and maintaining pH • Boostech slowly transforms nutrients into a usable form that plants can take as needed • It helps soil to store and retain its moisture and keep soil balanced • It reduces the need of chemical fertilizers by providing nutrients to plant • It increases soil organic matter by organic carbon addition and microbial activities • Frequent application leads to lowering the cost of farmers and increasing the yield • It makes soil active and fertile by promoting earthworms and PGPR

**Packaging size : 1kg / 5kg / 20kg**



क्रोनीटेक

# CRONYTECH

CRONY (FRIEND) TO FARMERS

## CRONYTECH

CRONY (FRIEND) TO FARMERS

Cronytech is organic hydrogel molecule that has highest water retention capacity, so this product is a best crony(friend) to our biological product segment and gives boosted results in mycotech, consotech, Azotech etc. Cronytech holds water for up to 6 months and slowly releases to the plant root whenever they needed. With the help of cronytech farmer can get their yield by 10-20% that ultimately strengthen our countries' farmers.

**Crops:** Cronytech is suitable for almost all crops.

**Application:**

**Soil application:**

(1) As it is supplimantry product farmer should mix 1 Kg of Cronytech in 40 to 50 kgs of FYM / compost and apply before sowing or broadcast after sowing in 1 acre of standing crop and irrigate the field.

(2) Add 500 grms of Cronytech with 1 kg of Mycotech/Consotech etc.in 1/2 acre of land.

**Comptability:** Cronytech is compitible with all Powder or Granular products like Mycotech, Consotech etc...

**Packaging size : 100gm / 500gm / 1kg / 5kg**

Strengthening Agriculture

# ZnTECH

ZINC SOLUBILIZING BACTERIA



## ZnTECH

ZINC SOLUBILIZING BACTERIA

ZnTECH consist bacteria that solubilize essential micronutrient zinc into bioavailable form so that plant can accumulate that zinc from soil through roots and fulfil its requirements. Zinc plays active role in building plants immunity, metabolism, photosynthesis and maintenance of plant tissues. Furthermore, ZnTECH bacteria produces some enzyme that is quite essential for plant and actively plays vital role in plant growth.

**Crops:** ZnTECH is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

### Application

**Soil Application:** Mix 500-1000ml of ZnTECH with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 2 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of ZnTECH in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml ZnTECH in 100 - 150ml water with 5% of organic jiggery / crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

**Caution:** Do not mix it with any chemical fertilizer / pesticides / fungicides. • While using it, there should be moisture in soil. • Once packet is opened, use the entire material as early as possible. • If it enters into eyes, flush them with plenty of water. If swallowed or symptoms of poisoning occurs, call physician immediately. • Keep in cool & dry place. • Keep out of the reach of children. • Do not apply any chemical 48 hours before and after the application of ZnTECH.

CFU count: 1 X 10<sup>8</sup> CFU/ml. • pH: 5.0-7.5

**Ingredients:** Microorganism, Growth Media, Carrier material.

**Shelf Life:** Suitable for the 12 months from date of Mfg. Date.

### Packaging size :

**Powder : 500gm / 1kg**

**Liquid : 500ml / 1ltr**

# ACETOTECH

एसीटोटेक



## ACETOTECH

It is a biofertilizer that contains Acetobacter bacteria which has the ability to colonize the plant roots and fixing atmospheric Nitrogen. It is especially beneficial for sugarcane plantation and other horticultural crops as it activates the soil biologically, stimulates plant growth and increase sugar percentage in fruits or in crop. By its unique metabolism it secretes certain enzymes that boosts plant to accumulate more carbohydrates. Acetotech enhances the sweetness, shine, and quality of the fruit.

**Crops:** Acetotech is suitable for all plants but specifically more beneficial to Sugar Crops, Vegetables, Fruits and Medicinal Crops.

### Application

**Soil Application:** Mix 500-1000ml of Acetotech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 1 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of Acetotech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Acetotech in 100-150ml water with 5% of organic jiggery / crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

### Packaging size :

**Powder : 500gm / 1kg**

**Liquid : 500ml / 1ltr**

Strengthening Agriculture

## SPIRITECH

Spiritech is a bio fertilizer based on nitrogen fixing bacteria. It helps plants in the intake of atmospheric nitrogen that is essential in the healthy growth of crops. It aids in reducing the amount of usage of synthetic fertilizer. Spiritech helps in improving plant vigour and soil health. It enhances root propagation by releasing growth promoting hormones.

**Crops:** Spiritech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

### Application

**Soil Application:** Mix 500-1000ml of spiritech with 40-50 kg of compost / FYM and apply before sowing or broadcast after sowing in 2 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of spiritech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml spiritech in 100-150ml water with 5% of organic jiggery/crude sugar and coat 1 kg of seeds. Dry in shade and sow/broadcast/dibble in the field.

**CFU count:**  $1 \times 10^8$  CFU/ml. • **pH:** 5.0-7.5

**Ingredients:** Microorganism, Growth Media.

### Packaging size :

**Powder :** 500gm / 1kg

**Liquid :** 500ml / 1ltr



## RHIZO-TECH

राइजो-टेक

RHIZOBIUM BIOFERTILIZER FOR LEGUMINOUS PLANTS

## RHIZO-TECH RHIZOBIUM BIOFERTILIZER FOR LEGUMINOUS PLANTS

Rhizo-tech is advanced bacterial product that inhabits plant root and form globules in the host plant, with these globules millions of tiny microbial factories work efficiently to fix atmospheric nitrogen in usable nitrogenous compounds and produce some amino acids that gives plant more vigour, health and higher yield. Rhizo-tech has efficiency to attach symbiotically with leguminous plant roots, with this symbiosis both plant and bacteria get benefited and ultimately soil will be more and more fertile.

**Crops:** Rhizo-tech is suitable for all kind of leguminous plants.

### Application

**Soil Application:** Mix 500-1000ml of Rhizo-tech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 2 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of Rhizo-tech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Rhizo-tech in 100-150ml water with 5% of organic jiggery / crude sugar and coat 1 kg of seeds. Dry in shade and sow / broadcast / dibble in the field.

**CFU count:**  $1 \times 10^8$  CFU/ml. • **pH:** 5.0-7.5

**Ingredients:** Microorganism, Growth Media, Carrier material.

**Shelf Life:** Suitable for the 12 months from date of Mfg. Date.

### Packaging size :

**Powder :** 500gm / 1kg

**Liquid :** 500ml / 1ltr

Strengthening Agriculture



# JIVATECH

Traditional ancient technology-based Soil Conditioner



## JIVATECH

Traditional ancient technology-based Soil Conditioner

JIVATECH is an effective medium or culture in which thousands of beneficial microorganisms and bacteria essential for crop growth are created. So, it acts as a tonic for soil and makes it rich in nutrients. It cleanses the soil and also improves the quality of the soil. JIVATECH is liquid organic manure. It means used for organic farming. It is considered to be an excellent source of natural carbon, biomass, Nitrogen, Phosphorous, Potassium, and a lot of other micronutrients required for crops.

The major benefit of JIVATECH is that it naturally enhances soil microbial activities that in turn improves soil fertility. Improvement in soil fertility leads to faster absorption of nutrients aiding to faster growth and disease resistance.

**Crops:** JIVATECH is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

### Application

**Soil Application:** Mix 500-1000ml of JIVATECH with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 1 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of JIVATECH in drip stream for application in 1/2 acres of land.

**Seed Treatment:** Mix 8-10 ml JIVATECH in 100-150ml water with 5% of organic jiggery/crude sugar and coat 1 kg of seeds. Dry in shade and sow/broadcast/dibble in the field.

**Ingredients:** Beneficial soil microorganism, Gaumutram, Gaumayam, Jagarry and Pulses flour.

**Shelf Life:** Suitable for the 12 months from date of Mfg. Date.

**Packaging size :**

**Liquid : 500ml / 1ltr / 10ltr**



## Nutritech

Micronutrient supplier beneficial biofertilizer

## Nutritech

Micronutrient supplier beneficial biofertilizer

Appropriate blending of beneficial biofertilizer strains provide essential micronutrients to the plant that boosts plant growth and strength. It contains bacteria that provides Boron, Chloride, Copper, Molybdenum, Zinc, Potassium, Manganese, Iron, Calcium, Magnesium, Sulphur, Phosphorus all of which are crucial in very little amount for plant health. The metabolites secreted by microorganisms into the soil as strong chemical reagents and the activities of microbial enzymes are principal factors in this process of making micronutrient available. These biofertilizer fortifies soil with bacterial metabolites and hence improves soil fertility and health. By using Nutritech one can easily increase the health and yield of utmost all crops.

**Crops:** Nutritech is suitable for Fibre Crops, Cereals, Millets, Pulses, Oil seeds, Sugar Crops, Vegetables, Fruits, Spices, Flowers, Medicinal Crops, Orchards and Ornamentals

### Application

**Soil Application:** Mix 500-1000ml of Nutritech with 40-50 kg of compost/ FYM and apply before sowing or broadcast after sowing in 1 acre of standing crop and irrigate the field.

**Drip Irrigation:** 1 Liter of Nutritech in drip stream for application in 2 acres of land.

**Seed Treatment:** Mix 8-10 ml Nutritech in 100-150ml water with 5% of organic jiggery/crude sugar and coat 1 kg of seeds. Dry in shade and sow/broadcast/dibble in the field.

**CFU count:** 1 X 10<sup>8</sup> CFU/ml. • **pH:** 5.0-7.5

**Ingredients:** Microorganism, Growth Media, Carrier material.

**Shelf Life:** Suitable for the 12 months from date of Mfg. Date.

**Packaging size :**

**Powder : 500gm / 1kg**

**Liquid : 500ml / 1ltr**

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