

# BIOM TRINITY BAMBOO BIOCHAR MICROORGANIC FERTILISER INFORMATION SHEET



## Biom Bamboo Biochar Microorganic Fertiliser

is R & D designed according to plant nutrition, soil biology and bamboo charcoal physical properties. Main materials are **bamboo charcoal, humic acid, beneficial microbial flora**, using the international advanced production technology compound. Products integrates advantages of organic, inorganic, bamboo biochar and bio-fertilizer. These character made it became an ideal product for increase yield as well as optimize soil condition.

### Advantages of Bamboo Biochar and Microorganism

**The core technology** is a new biochar and microbial addition. The main raw material is high quality bamboo bio-carbon. It is refined from 500-600 °C high temperature with pyrolysis which produce a class of refractory, stable, carbon-rich solid material.

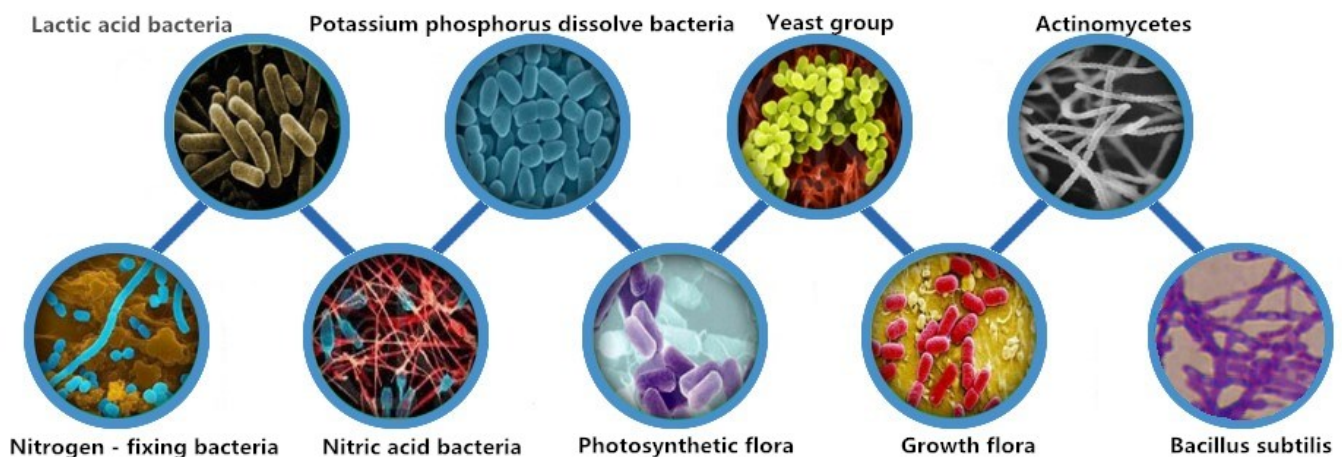
Pore structure of bamboo biochar can adsorb heavy metal elements and pesticide residues from the ground, which will Provide a better growth environment for micro-organism.

Through the beneficial bacteria in the rhizosphere breeding, this fertiliser can inhibit pests and diseases, promote crop roots, stems, leaves thrive.

### Main Character

- Inhibit pests and diseases, promote crop roots, stems, leaves thrive.
- Improve soil structure, activate soil, promote the fertiliser holding ability.
- Better air permeability for soil and stronger root system.
- Automatic moisture control, water holding capacity
- Improve the utilisation efficiency of fertiliser, reduce fertiliser dosage.
- Microbiology can promote roots to absorb nutritious elements, achieving supply and demand balance

### Bacterial type



## Physiological Mechanism

Bamboo Biochar Microorganic fertiliser is composed of bamboo charcoal, microbiological and inorganic nutrients. The inorganic nutrient N: P: K ratios are 15: 5: 10, which meets the demand of nutrient in the early stage of the crop. The bamboo charcoal in the product can not only improve the soil structure, but also release inorganic nutrients, improving fertiliser utilization and providing a stable growth environment for microorganisms.

Bamboo charcoal can provide a unique and stable environment for soil microorganisms. Trinity fertiliser contains amino acids and other ingredients to provide nutrients to the microorganisms. The unique combination of bacteria, bamboo biochar and inorganic matters is able to coordinate and promote the growth of plants.

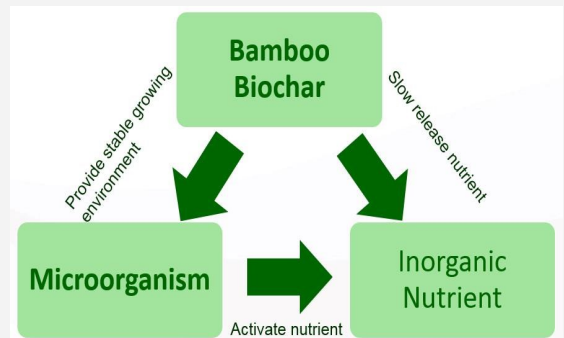
## Typical Analysis

### MACRO ELEMENTS

N P K.....	30%
Nitrogen.....	15%
Phosphorus.....	5%
Potassium.....	10%
Organic Matter.....	20%
Humic Acid.....	10%

Active Microorganism.....20 Million/g

### Organic, inorganic, microbial tri-effect



## Application

Species	Examples	Application	Dosage	Remark
Veggies	All veggies	Side dressing, top dressing	750-1000kg/ha, can be adjusted according to soil condition and plant species. Minimum dosage is 500kg/ha.	Greenhouse economic veggies
Fruits	Strawberry, Bluberry etc.	Side dressing, top dressing	500-750kg/ha, depends on soil fertiliser holding ability and plant species, growing stages.	1-2years growing fruits
Flowers	Lily, rose, laurel, orchid etc.	Side dressing, top dressing	Based on plant size. E.g. 5-10g/1L new planting base. Also associated with flower property.	Potting and ground growing flowers
Trees	Acorn, beech, camphor tree etc.	Base fertiliser, side dressing, top dressing	Usually, base fertiliser dosage is 50-75kg/ha.	

**STORAGE:** Store in a cool, dry place out of direct sunlight.

**KEEP OUT OF REACH OF CHILDREN AND PETS.**

**OTHER PRODUCT:** [Bio-organic Fertiliser](#) | [Carbon Power Water Soluble Fertiliser](#) | [Liquid Organic Fertiliser](#) | [Soil & Plant Laboratory Element Test](#) | [Amino Acid Product](#) | [Organic Soil Sterilisation](#)

**We are committed to organic fertiliser, improving the activity and quality of plants.**

TEL: 0064 9 570 5984 | Email: [info@biomax.co.nz](mailto:info@biomax.co.nz) | Website: [www.biom.co.nz](http://www.biom.co.nz)

