

BIO-Amino

Product Introduction:

Appearance	Brown liquid
Amino acid Content	≥100g/L
Micronutrient Content	≥20 g/L
Fe	≥0.5g/L
Zn	≥0.5g/L
B	≥0.5g/L
Mn	≥0.5g/L



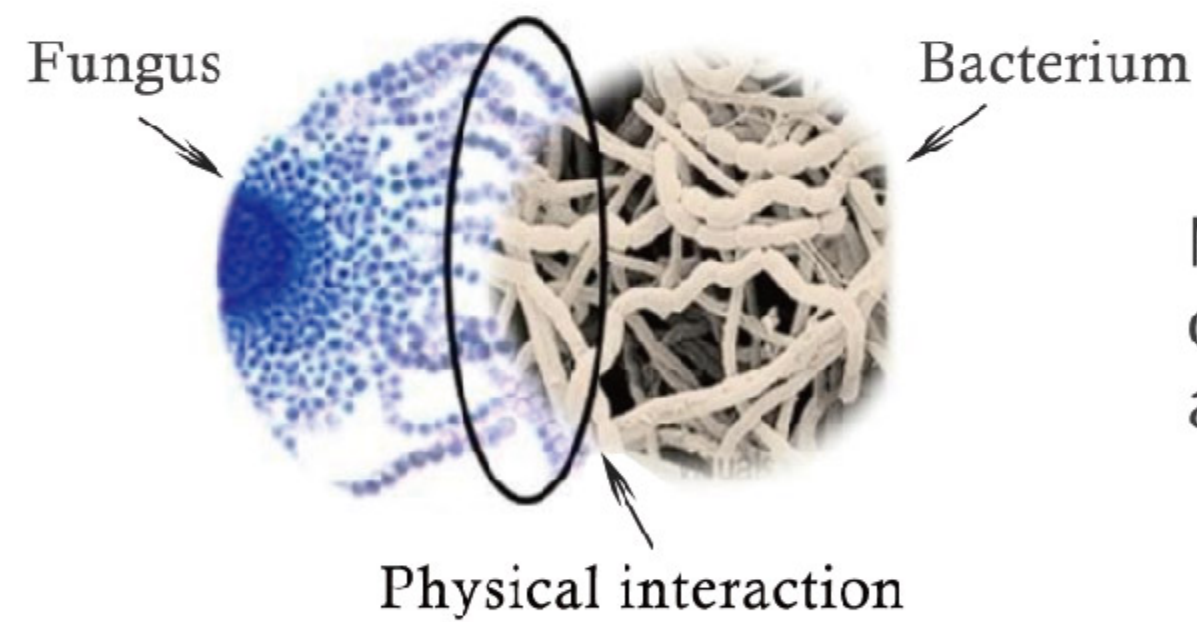
Product Description:

BIO-Amino was made by co-fermentation of fungus and bacteria. It has natural products of peptides amino acids, free amino acids and abundant natural biological stimulants. After the application of this product, spores can grow and colonize in young roots, beneficial bacteria will release enzymes and further compounds to enhance growth and nutrient transportation of crops.

Mode of action:

Biocontrol mechanism of Trichoderma (competition and parasitic pathogens to achieve disease control, induction of resistance, improvement of soil environment, etc.) + biocontrol mechanism of Bacillus (produce a large number of growth-promoting secondary metabolites and antibiotics)

CHICO leading bio technology successfully achieves co-fermentation of fungus and bacterial. From biological symbiotic metabolic action, BIO-Amino will be rich in a variety of functional Polypeptide amino acid. It can produce new bacteriostatic substances, growth-promoting substances and various kinds of secondary metabolites.



Microbial multiple interactions occurred in the same temporal and spatial context

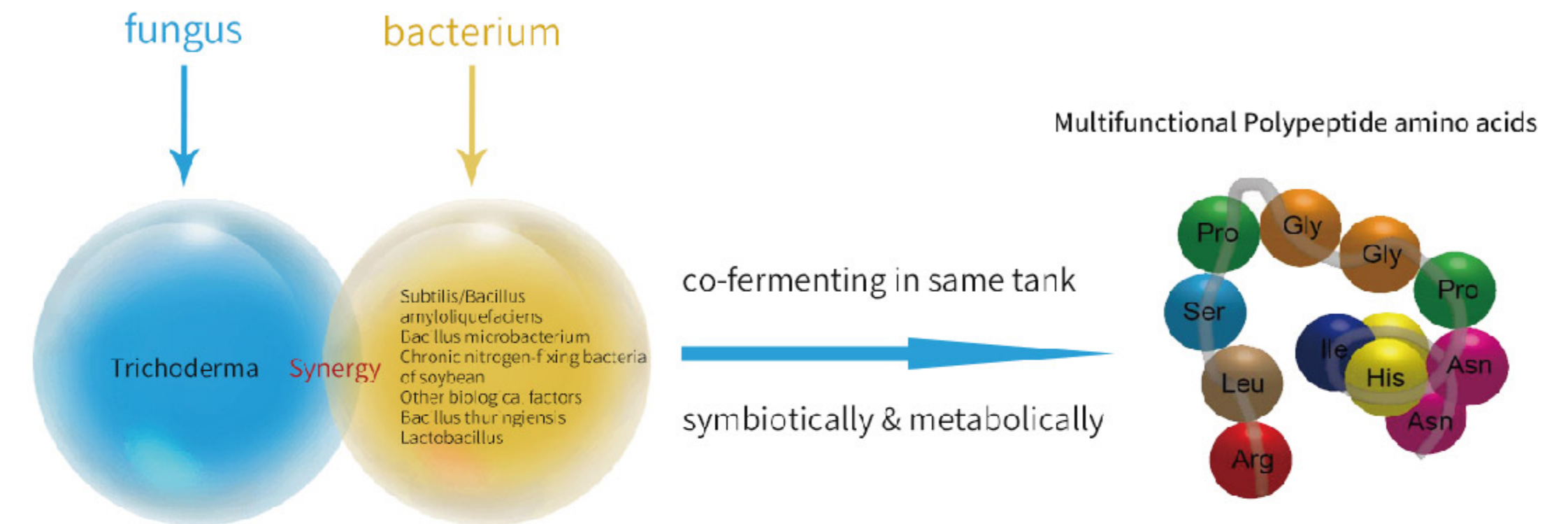
Product effectiveness:

1. Excellent effect on anti-bacteria and disease resistance: BIO-Amino is rich in various bactericidal matter which could induce plants to achieve systemic immunity. It can fast against foreign pathogens and improve disease resistance of plants.
2. Increase soil organic matter, improve soil structure, fix heavy metals in soil, help soil form granular structure to increase its water retention capacity and air permeability.
3. Adjust pH of soil and increase soil fertility.
4. Create favorable living environment for beneficial microbial flora.
5. Promote the growth of chlorophyll and the accumulation of sugars and amino acids in plants to enhance photosynthesis.
6. Promote the growth of crops for higher yield and better fruit quality.
7. Greatly increase plant resilience, mobilize potassium absorption, adjust crop leaf stomatal closure.

Basic ingredients:

1. Enriched with unique natural biostimulating active ingredients
2. Polypeptide amino acids linked by peptide bonds (5-60 amino acids)---supplementary nutrition
3. Antibacterial peptides and other antagonistic substances (acetamectin, etc.)---disease prevention and increase effect
4. High content of indoleacetic acid---regulates growth
5. A variety of organic acids, etc. (jasmonic acid, salicylic acid, etc.) --- disease resistance and enhanced resistance
6. It can promote the improvement of traditional biological pesticides, chemical pesticides, fertilizer products, microbial agents and other products. Use in conjunction with 1+1 greater than 3.

JHME TECHNOLOGY



Induction effects of biostimulants based on multi-level interactions between fungi and bacteria at the same time and space.

Uses and Recommendations:

Usage	Dosage
Foliar Spray	1000-1500 times
Drip Irrigation	600-1200 times
Soil Irrigation	30L/Ha