



Academician,
Dr. Chiu-Chung
Young

Education

1. Ph.D., Agronomy and Soil Science, University of Hawaii, USA
2. Postdoctoral, Agricultural Biochemistry, University of Hawaii, USA

Expertise

1. Soil environmental microorganisms and biochemistry
2. Biofertilizer and organic fertilizer
3. Soil fertilizer and crop relationship
4. Organic waste management and bioremediation

Achievements

1. Scientific Committee on Problems of the Environment (SCOPE): 1st Lifetime Achievement Award on Environmental Science.
2. Academician, Division of Life Science, Academia Sinica, Taiwan.
3. The Phi Tau Phi Scholastic Honor Society: Outstanding Achievement Award
4. Ministry of Education: National Chair (Lifetime Honor), Academic Award.
5. Ministry of Science and Technology (National Science Council): Outstanding Research Award

Experience

1. President of The Chinese Society of Soil and Fertilizer Sciences
2. President of Chinese Sustainable Agriculture Association
3. Vice President of National Chung Hsing University
4. Chief dean of Plant Teaching Hospital (National Chung Hsing University)
5. Director of the Chinese Fertilizer Association
6. Supervisor of Agricultural Association of Taiwan

Advantages of TTT® Technology

Organic waste to fertilizer within 3 hrs | Space- and cost-effective | Organic content and nutrient mostly retained | Ecofriendly | Minimal GHG emission

About Tetanti

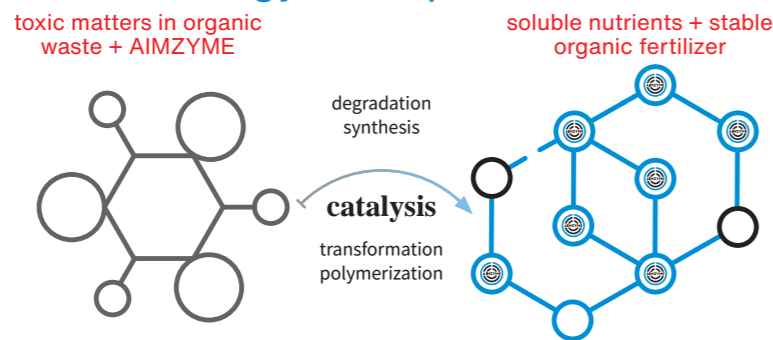
Tetanti AgriBiotech Inc. was established in 2018. Tetanti's core TTT® Technology is a destructive and innovative concept that revolutionizes the traditional microbial composting process. With the use of food waste enzymatic reactant AIMZYME and specific equipment, food wastes are stabilized and matured within 3 hours, the organic content and nutrients are mostly retained, while reducing greenhouse gas emission simultaneously.

Founder

Academician Dr. Chiu-Chung Young is a well-known scientist in soil and microbial sciences.

With over 40 years of experience, Dr. Young developed the enzyme-based TTT® Technology, which concept was first published in Nature 2007 Spotlight on Taiwan. To realize this academic breakthrough into real world applications, Dr. Young established Tetanti in attempt to tackle global organic waste management issues.

TTT® Technology Principle



Toxic matters in food wastes are detoxified and/or deodorized through the degradation, synthesis, transformation and/or polymerization reactions by AIMZYME. At the same time, pathogens, insect eggs and grass seeds are mostly exterminated at 80° C.

TTT® Technology only requires 3 hours to produce stable and high-quality organic fertilizers without the need of post-maturization.

enzyme + organic FERTILITY 現代奇蹟 EnzyFert Modern wonders !!

World No.1 1ST CHOICE 世界初! 100%

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Poultry/Livestock Manure
layer manure broiler manure
swine manure
cow, horse, sheep manure
other manure

Food waste
vegetable waste
cooked waste

Plant residue
straws, husk, green waste,
bagasse
wood and coconut fiber
plant meal waste

Others
medicinal plant residues
residue of antibiotic
production
liquid fertilizer

Animal related
animal carcasses
and organs
feather waste

Sludge
alkaline sludge
neutral and acidic
sludge

Processed product

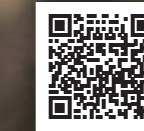
AIMZYME

Chiu-Chung Young
Academician,
Academia Sinica
TTT's Founder
Soil Science Expert

AIMZYME + TTT inside within 3-hour MATURIZED EnzyFert

TTT's services

1. Turnkey solution provider for organic waste management
2. Provide customized AIMZYME products for different and mixture of organic waste



We have performed over 200 cases of organic waste management projects in 16 countries. If you need any information, please scan the QR code and leave a message, we will contact you shortly.



Food Waste Management

Within 3hrs enzyme composting



www.ttt3tops.com

TTT® Food Waste Management Procedure

The collaborative partnership of TTT inside Technology with Hung Chiao Environment Technology Engineering Inc. built the first modern automated plant which is capable of processing 80 tons of food waste in 8 hours. The facility requires only 8 operators and a stacker and occupied an area of just 600 m².



Enzyme ≠ Microorganism
Enzymes are active proteins that act as catalysts, which can speed up the catalysis of organic substances by biochemical reactions. Microorganism is a general term for a broad group of microorganisms, they consume organic matter to grow and propagate, and generate carbon dioxide at the same time.
TTT® Technology use AIMZYME reactant with specific equipment to transform organic wastes into organic fertilizer through enzymatic multi-reactions. The organic fertilizer is stable, maturated, and ready-to-use without the need of post-maturation. Applying organic fertilizer can improve soil fertility, benefit plant growth, while also increasing soil carbon storage.

