

Fertilizers and Plant Growth Enhancers

AP-1

Technology: BioGroe™

Description: BioGroe™ is a microbial fertilizer containing plant growth promoting bacteria (PGPB), which enhances root and vegetative growth, promotes better absorption of nutrients and helps increase crop yield at lower production cost.

Technology Generator:

Mr. Ronilo P. Violanta and
Dr. Erlinda S. Paterno
University of the Philippines Los Baños
(049) 536 1620



AP-2

Technology: Carrageenan Plant Growth Promoter

Description: Carrageenan plant growth promoter is produced from processed natural polymers extracted from seaweed. Field tests showed application of carrageenan PGP can increase rice yield up to 60%. It also promotes resistance of rice crops to tungro virus and bacterial leaf blight.

Contact Details:

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AP-3

Technology: MykoPlus

Description: MykoPlus is a biofertilizer containing mycorrhizal fungi and beneficial bacteria that help plant roots absorb more nutrients and water from the soil, helping to enhance crop growth and yield.

Technology Generator:

Dr. Joy Zarate

University of the Philippines Los Baños

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AP-4

Technology: Nano-encapsulated Plant Growth Regulator (NANO-PGR)

Description: Environment-friendly NANO-PGR is derived from naturally occurring bacteria in plants and is proven to enhance germination and rooting. It is suitable for crops growing in stressed environments and is more cost-efficient than commonly used plant growth stimulants.

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