



# MULTIPLYING PROFITABILITY FOR RICE CROP CULTIVATION

Vietnam & Malaysia

24-72hr Plant-Integrated Bioconversion | Zero Synthetic Inputs, Pure Bio-Catalysis  
Official Website: <https://www.iBioStim.com>



# Rice Production

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**We provide innovative agricultural solutions for rice cultivation across Vietnam & Malaysia, leveraging farm-proven (Asia, EU & US) proprietary organic commercial inputs to multiply profitability. Our approach harmonizes with plant biochemistry to stimulate natural growth processes, resulting in:**

- Healthier, more robust crops with improved nutrient uptake from foliar applications
- Reduced dependence on agrochemical inputs throughout cultivation cycles
- Sustained high yields consistently (Vietnam: 6MT + 20% & Malaysia: 3.7MT + 30%).

By optimizing plants' inherent biological mechanisms rather than overriding them, we enable growers to achieve superior crop performance while minimizing synthetic input costs.

## Highlights

### 1. ROI Multiplier

From ROI of 2-3 (peace time) to 8-12 (wet weather).

### 2. Yield Booster

Vietnam: 6MT + 20%  
Malaysia: 3.7MT + 30%

### 3. Grain Filling

Grains appear larger for rice crops on **iBioStim™** regime in Vietnam and Malaysia.

# Our Bio-Enzymatic Plant CPR Process

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Our revolutionary approach follows a three-step process that transforms plant health from the inside out:

## 1. CLEANSE

A 72-hour phytochemical detoxification that removes accumulated stress compounds and prepares the plant's systems for optimal function.

## 2. PRIME

Vascular-system micronutrient infusion that delivers precisely calibrated nutrients directly to where they're needed most, bypassing traditional uptake limitations.

## 3. REGENERATE

Activation of the plant's native microbiome to achieve 1.3x nutrient density, strengthening natural defence mechanisms and enhancing growth potential.

### Padi Farms, Asia:

"I am satisfied with an ROI of 2-3 at my 1000 hectares padi farms."

# Activity

## Plant Health

Our organic blends optimize the natural balance between plant growth and self-defense systems, creating crops that stay fresh longer and taste better – helping every type of plant reach peak performance.

## Lowering Activation Energy

Our enzyme-powered formulas work like natural spark plugs for plants. By helping fertilizers break down faster and more completely, they:

- Make nutrients 62% more usable by crops within 1-3 days
- Work equally well with any fertilizer type
- Maintain effectiveness in droughts, floods, or temperature swings

Unlike treatments relying on live microbes (which can die or change behaviour), our bioenzyme solutions deliver consistent results season after season.

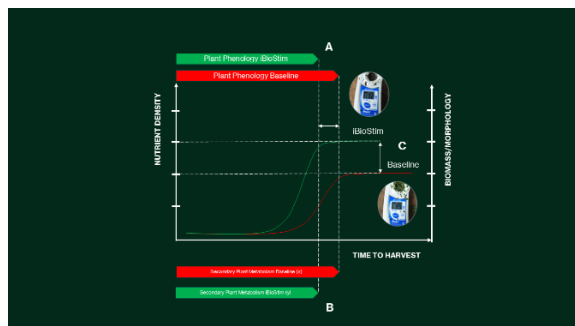


Figure 1. Comparing effects of traditional organic/conventional food production baseline against **iBioStim™** regime, showing reduced time to harvest with elevated nutrient density and biomass.

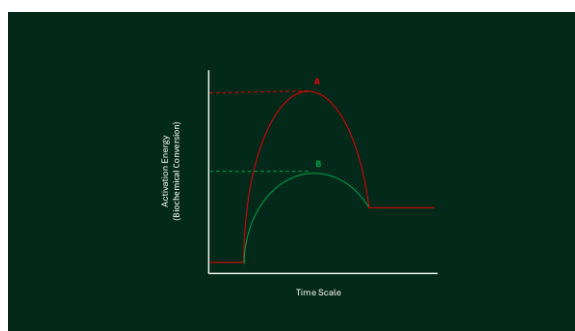


Figure 2. Comparing reduced activation energy barrier for biochemical conversion of fertilisers in an endothermic reaction on **iBioStim™** regime, giving rise to physiological modification onset within 24-72hr after first application.

## Methods (Conventional Cultivation)

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A combination of 3 commercial products is used for rice cultivation, namely, Junior, Junior Plus and Baby on traditional soil cultivation to be applied on top of existing conventional fertilisation.

### 1. Volume of iBioStim™ Concentrate

Prepare Junior (0.3L), Junior Plus (0.3L) and Baby (0.3L) in a 200L water tank on the same day of application. Top up to 100L using clean water.

### 2. Application Frequency

Apply ONCE every 2 weeks by foliar spray, for a total of 7 applications.

### 3. Per 1000 Hectare iBioStim™ Utility

Junior: 2,100L

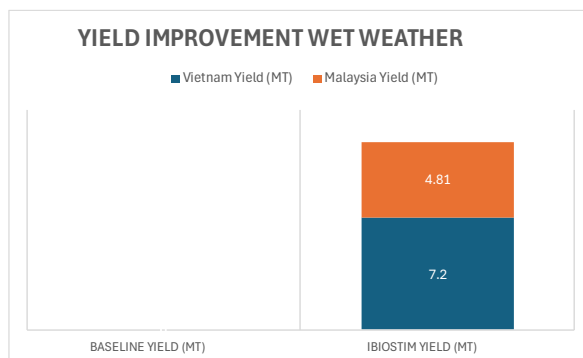
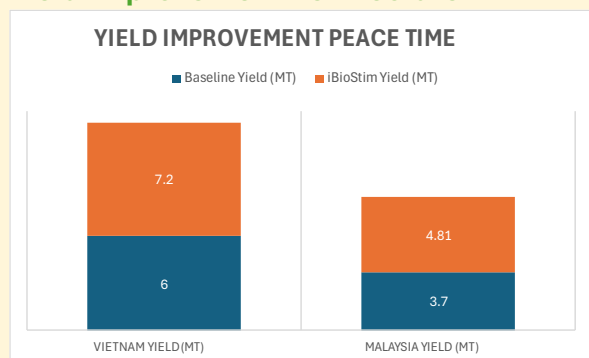
Junior Plus: 2,100L

Baby: 2,100L

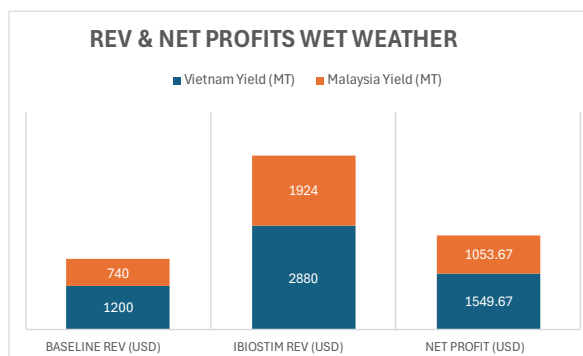
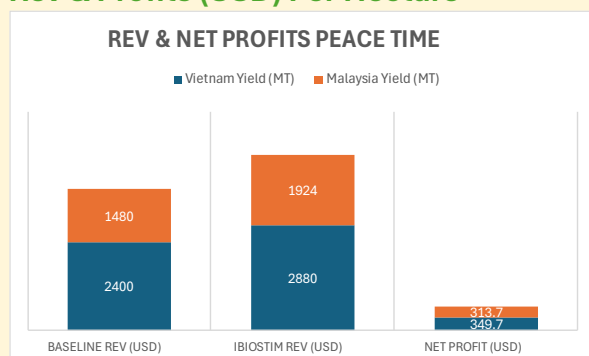
# Economics

Profitability is key to long term sustainability and the ability to measure the material impact of rice production on bottom-line is crucial to continued success. Data is presented in the first principles (based on actual farm performance) in Vietnam and Malaysia based on wholesale rates of USD 400/MT as follows:

## Yield Improvement Per Hectare



## Rev & Profits (USD) Per Hectare



## ROI Multiplier Peace Time vs Wet Weather:

Vietnam: Peace Time ROI (2.7) | Wet Weather ROI (11.8)  
 Malaysia: Peace Time ROI (2.4) | Wet Weather ROI (8.0)





# JUST BETTER

Creating Profitability Across The Entire Value Chain

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