



# BioPrime - Instructions for Use

# RICE

## BioPrime Impact

### INPUT COST SAVING

Synthetic fertilizer offset by 50% and reduce and or eliminate pesticides.

### INCREASED YIELD

Proven for significant impact on yield.

### CROP PROTECTION

Reduces and or eliminates pesticides.

### WEATHER EVENT RESISTANCE

Minimize lodging and drought impact with bigger stalks and better rooting systems.

## Guaranteed Analysis

Total Nitrogen (N)	0.5%
Potassium (K <sub>2</sub> O)	10%
<i>Bacillus subtilis</i>	1x10 <sup>7</sup> cfu/ml
Other Ingredients	89.5%
FPA Reg # 1-71F-0078	100%

### Major Other Ingredients: 89.5%

Algae	Micro-Nutrients
Bacteria	
Fungi	
Sea Kelp	
Mineral Electrolytes	
Humic & Fulvic Acids	

## The Natural Advantage®

BioPrime is an all-natural BioFertilizer that stimulates the growth of the plant and life in the soil. This has a dramatic effect on increasing yield and harvest quality and will allow the plant to naturally fight pests and disease. BioPrime is proven to also permit synthetic fertilizers to be reduced by 50%, saving input costs while increasing yield. Follow our recommended Best Practice Application

## BioPrime Activation – Standard Practice

BioPrime must be first activated before use. Using **non-chlorinated** water, it is dissolved and left in a covered but not air-tight, ventilated container or bottle for 48 hours. The activated concentrate is further diluted prior to treatment. Dilution rates are provided below. If non-chlorinated water is not available, chlorinated water may be left in an open container for 48 hours in the sunlight prior to use. For best results, use Activated BioPrime, within 10 days or sooner.

## Rice Application, Dilution Protocol and Treatments

It is recommended to apply a minimum of 15 grams of BioPrime per hectare, with inorganic inputs (Urea, NPK fertilizers) also reduced by 50%. For optimal results, apply an additional 15 grams per hectare as a soil spray, for 30 grams total. Apply early morning before 7am or late afternoon after 4pm. Most effective when there is moisture on the soil. Do Not apply it when there is a strong or a heavy rain forecast

### 1. Seed Soak (1 day prior to seed germination): 5-gram Treatment

Activate 5 grams of BioPrime with 2.0 litres of water, and after 48hrs dilute to 32 litres. Soak up to 40 kilograms of inbred seed for 24 hours or 12 hours if hybrid seed, followed by 24 hours incubation, prior to sowing.

### 2. Seed Bed Foliar Spray (1 day prior to pulling): 5-gram Treatment

Activate 5 grams of BioPrime with 2.0 litres of water, and after 48hrs dilute to 32 litres. (Add 1.0 litre of activated BioPrime concentrate per 16L Knapsack Sprayer). Spray over bundled seedlings planned for 1.0 hectare, until all 32 Litres is disbursed.

### 3. Field Foliar Spray (30 days after transplanting): 5-gram Treatment

Activate 5 grams of BioPrime with 2.0 litres of water, and after 48hrs dilute to 64 litres. (Add 0.5 litre of activated BioPrime concentrate per 16L Knapsack Sprayer). Spray evenly to 1/4 hectare and repeat 4 times, until a total of 64 litres is disbursed.

### O. Optional Soil Spray (prior to transplanting): 15-gram Treatment

Activate 15 grams of BioPrime with 2.0 litres of water, and after 48hrs dilute to 64 litres. (Add 0.5 litre of activated BioPrime concentrate per 16L Knapsack Sprayer). Spray evenly to 1/4 hectare and repeat 4 times, until a total of 64 litres is disbursed.



For further information or application queries, contact [questions.bioprime@gmail.com](mailto:questions.bioprime@gmail.com)