



# BioPrime - Instructions for Use

# COFFEE

## 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.

### OBSERVED IMPACT

Increased Berry weight, with even and uniform growth. 90% Berry Retention.

## 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<sup>®</sup>

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.

## Coffee Application, Dilution Protocol and Treatments

For an assumed 1000 Coffee Trees per Hectare, a recommended minimum of 2 applications is applied, being 30 grams for planting and 15 grams per year, as follows:

For optimal results, apply a Seed Soak during the germination and nursery stage for new seedlings, together with a Soil Spray treatment immediately after the seedlings are planted. Followed by Foliar Spray, 60 Days after the planting of the Coffee Tree.

Every year prior to flowering, a Foliar Spray treatment at the end of the wet season will speed up the first flowering of the tree. Another Foliar Spray treatment at the end of flowering is also highly recommended.

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

Activate 5 grams of BioPrime with 2 litres of water, and after 48 hours dilute to 30 litres. Soak coffee seeds with the 30 litres diluted BioPrime. Soak for minimum of 12 hours immediately prior to germination. 30 litres is sufficient to treat 20 kilograms of seeds.

### 2. Soil Spray (1 day after transplanting) 10 gram Treatment:

Activate 10 grams of BioPrime with 4 litres of water, and after 48 hours dilute to 60 litres. Spray evenly over seedlings (for a maximum of 50,000 seedlings per application).

### 3. Foliar Spray (at 60, 120 and 240 days after transplanting) 15 gram in 3 Treatments:

Activate 15 grams of BioPrime in 6 litres of water 48hrs prior to application. On day of treatment, using a 16 litre backpack sprayer, take 1 litre of activated BioPrime concentrate and dilute with a further with 15 litres of water. Spray evenly until it is disbursed. Repeat the Dilution/Application process, until the 6 litres has been consumed.



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