



# BioPrime - Instructions for Use

CACAO

## BioPrime Impact

### INPUT COST SAVING

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

### INCREASED YIELD

Proven for significant impact on yield: more cherelles formed, less withering, larger pods and heavier bean weights.

### PROTECTION

Improve plant resistance to pests & the Cacao *Phytophthora palmivora* disease.

### DROUGHT RESISTANCE

Conserve soil nutrients & water holding.

IT BRINGS THE SOIL BACK TO LIFE!

## 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.

### Cacao Application, Dilution Protocol and Treatments

It is recommended to apply a maximum of **30 grams of BioPrime per hectare** of regenerated Cacao, based on a timing of application, during the peak flowering.

#### 1<sup>st</sup> Application of 10 grams; at the Peak of Flowering & (TC) tiny sized cherelles.

Activate 10 grams of BioPrime with 4L of water. After 48 hours using a 16L backpack sprayer, take 1L of activated BioPrime concentrate and dilute with a further 15L water. Apply a Foliar Spray evenly over the canopy of leaves & branch

#### 2<sup>nd</sup> Application of 10 grams; 30 days after Flowering & (SC) small sized cherelles.

Activate 10 grams of BioPrime with 4L of water. After 48 hours using a 16L backpack sprayer, take 1L of activated BioPrime concentrate and dilute with a further 15L water. Apply a Foliar Spray evenly over flowers & small-sized cherelles

#### 3<sup>rd</sup> Application of 10 grams; 30 days after (MP & LP) medium & large sized pods.

Activate 10 grams of BioPrime with 4L of water. After 48 hours using a 16L backpack sprayer, take 1L of activated BioPrime concentrate and dilute with a further 15L water. Apply a Foliar Spray evenly over all medium to large sized pods

Alternate (15 grams per hectare) A second lower-cost Application can be trialled, by using half the recommended 10 gram Application, using same Protocol & Treatments

If using a drone, dilution after activation can be adjusted to suit the drone reservoir capacity, however treatment under the canopy for steps 2 & 3 will need hand sprayer



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