



## BioPrime 10-10-10 Impact

- Organic Fertilizer and Soil Conditioner
- Increases soil nutrient uptake of plant
- Directly balances soil pH
- Improves seed germination rates
- Repels pests and deters insects
- Creates rapid root growth
- Improves soil water retention
- Reduces chemical fertilizer use
- Causes nitrogen fixation in soils
- Produces increased crop yields

## Guaranteed Analysis

Total Nitrogen (N)	0.5%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	Trace
Soluble Potash (K)	10%
Other Ingredients	89.5%
	100%

### Major Other Ingredients: 89.5%

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

## The Natural Advantage

BioPrime 10-10-10 is an all-natural nano-fertilizer 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 inorganic fertilizer to be reduced by 50%, saving input costs while increasing yield.

## Activation Protocols

BioPrime 10-10-10 must be first activated before use. Using non-chlorinated water, it is stirred and left in a covered but ventilated container for 48 hours, and then further diluted prior to application. 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. Consume the activated and diluted product within 10 days.

## Application Rates

It is recommended to apply a minimum of 30 grams of BioPrime 10-10-10 per hectare, with inorganic inputs (Urea, NPK fertilizers) also reduced by 50%. For Tobacco, with a soil spray (10 grams), followed by a foliar spray (10 grams) at 30-days and then another foliar spray (10 grams), at 45-days, after transplanting. The BioPrime recommendation on the three (3) applications below, should be followed closely, to achieve maximum impact on the growth, yield and quality of Tobacco.

Apply in the morning hours, before the heat of the day and or in the late afternoon.

### Soil Spray (1 day prior to Field Planting) 10 gram application

Activate 10 grams of BioPrime 10-10-10 with 4 litres of water, and after 48 hours dilute to 60 litres. Spray evenly to the soil, until the 60 litres has been consumed.

### Transplanting Foliar Spray (30 days after planting) 10 gram application

Activate 10 grams of BioPrime 10-10-10 with 4 litres of water, and after 48 hours dilute to 60 litres. Spray evenly over one hectare, until 60 litres has been disbursed

### Transplanting Foliar Spray (45 days after planting) 10 gram application

Activate 10 grams of BioPrime 10-10-10 with 4 litres of water, and after 48 hours dilute to 60 litres. Spray evenly over one hectare, until 60 litres has been disbursed

