

# BiOWiSH® Crop Technology - Palm Oil Production Stage

## What is BiOWiSH® Crop?

BiOWiSH® Crop is a soluble product used for water delivery fertility systems. BiOWiSH® agronomy products can be used in a wide range of operating conditions including all soil types, various climates, and management systems ranging from manual to highly sophisticated. The soluble product is added to liquid and applied directly to palm by liquid delivery systems. No activation is required.

## Benefits

- Improves crop yields
- Increases nutrient availability
- Enhances root development
- Improves plant vigor
- Stimulates microbial activity in soil
- Improves soil productivity

## Directions for Use

### Post - Nursery Oil Palm Recommendations

BiOWiSH® Crop can be applied by mixing into water and spraying directly onto palm trees.

- Add 7g per plant or approximately 1kg/ha of BiOWiSH® Crop on an annual basis
- Make a minimum of 2 to 4 applications per year (semi-annual or quarterly). More applications are recommended
- Fertility best management practice should be maintained in addition to BiOWiSH® Crop

### Liquid Application

- Solubilize BiOWiSH® Crop as described in the General Recommendations
- Use a minimum of 3 liters of water and/or tank mix partner per plant, per application. Higher water volumes are beneficial
- If using manual application methods such as backpack sprayers, the best management practice is to solubilize BiOWiSH® Crop in a large tank suitable for a minimum of one hectare or more and distribute through individual backpack sprayers

### General Recommendations

BiOWiSH® Crop can be applied to the soil (surface or incorporated) or as a foliar using manual, mechanical or chemigation equipment. Clean mixing and application equipment prior to use. For water delivery applications fill the tank full with water or tank mix partner prior to adding product. Agitate for a minimum of 30 minutes and apply to application area. A jar test is recommended to test for compatibility. Always read and follow label directions of tank mix products.

### Storage

Store in cool, dry location out of direct sunlight. Storage above 40°C (104°F) for extended periods is not recommended. Once opened, keep dry in an airtight container to prevent activation. Once in solution, dose within 96 hours.

### Compatibility

BiOWiSH® Crop is compatible with many agricultural chemicals and liquid fertilizers, please see Technical Bulletin for BiOWiSH® Crop Material Compatibility at [biowishtech.com](http://biowishtech.com).