



Maskell Growers : BountiGel - White Papers

# Avocado Tree Planting Best Commercial Practices - 2021

## Learn More Grow Better

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### Introduction

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Planting new Avocado trees for commercial growers represents a significant investment in time and money, often growers can wait up to two years for top quality root stock orders to be fulfilled. It's critical to leverage the latest AG Science to reduce loss of trees, and assure that they develop into healthy, productive trees.

### **Reducing Heat Stress**

BountiGel, a patented soil conditioner, holds 200 times its weight in water, providing an extended water reservoir to trees during heat stress. 50 grams of BountiGel, applied to 1 liter of mulch, mixed together and placed in the bottom of the hole is recommended for all new avocado transplants. With a higher frequency of heat events each year, BountiGel represents a sound investment in your new trees. One application is effective for up to 3 years.

### **Protection from Disease**

Root Rot is the primary cause of death for new and existing avocado trees. Treating new transplants with PhosGard, which is primary Phosphoric Acid, will reduce the risk of root rot impacting your new trees. Apply a ratio of 100 parts water to 1 part PhosGard in a foliar spray application.

### **Sun Protection**

Traditional Method of applying 1 to 1 ratio of water and interior latex paint (applied via sprayer or paint brush) Applied to both trunk, and scaffolding branches provides extra protection during heat events.

### **Transplant Shock**

Transplanting trees can be very stressful to the roots, so it is recommended to use a combination of B-1, and Phosphate (P2O5) to reduce the stress on the new trees during transplant. It is recommended that an application, first during initial planting, then two weeks later is the best practice. A variety of products are available commercially.