

# Grant's Blend Mulch

**Specifications for the process of Grant's Blend Mulch  
Exclusively provided by: Forestry Resources, Inc.**

## Mulch Specifications:

1. Manufactured from Horticultural Land Clearing consisting of wood fiber, "soil, sand, humus, and organic minerals, including Melaleuca, Slash Pine, and common hard woods. **No reconstituted dimensional or pressure treated lumber. No cypress.**
  - Material is to go through a screening process to reduce soil content. It will next be ground to a minus 3 ½ " in size, and will be free from any contamination.
  - The wood is harvested from local South Florida sources.
  - The manufacturing process "cures" the mulch and prohibits seed germination of weeds and invasive plant species.
2. Mulch is provided in both 2 cubic foot bag with the average dimensions being 31" in Height, 16" in Width, 5" in Depth, and a circumference of approximately 44".

Pallets 40 x 48 shall contain 70 bags, be shrink-wrapped. All shrink-wrap contains UV inhibitors. Pallet caps if required due to weather conditions will contain UV inhibitors.
3. Specifically selected colorant is applied at a minimum of four pounds. This colorant is defined as an environmentally safe pigment – (dry weight) into each cubic yard of mulch. Mulch is colored simultaneously utilizing a Wizard coloring machine. This process uses less water, and material comes out dry and ready for bagging.

MSDS documentation available.

Frequently Asked Questions listed below.

## **Grant's Blend Mulch**

A long lasting deep reddish-brown, highly nutritional and environmentally friendly mulch...custom made for the enhanced beautification of Grant's Gardens landscape designs, unique installations and annual maintenance. Our special processing creates a mulch that is easy to spread and beautifies Grant's exclusive landscapes!

Customers have compared its reddish-brown color to Grade A Cypress but greater value:

- √ long-lasting color,
- √ environmentally friendly, and
- √ nutritionally-enhanced

This landscape mulch has been specifically formulated to use the best of what nature provides. Produced from Horticultural Land Clearing consisting of wood fiber, soil, sand, hums, and organic minerals, it works back into the planting medium and acts as an organic fertilizer to enhance base soil conditions. It is perfect for all planting areas, and works exceptionally well on slopes and berms by locking root fiber and shredded textures to stay in place.

In addition, this unique product supports the eradication of an invasive and exotic species of trees infiltrating and rapidly destroying hundreds of thousands of acres of Florida wetlands and native habitat. Grant's Blend features mulch processed from the "melaleuca" tree and incorporates this wood as a method of protecting our unique Florida habitat and contributing to an environmentally sensible solution within Grant's installation and maintenance procedures.

The benefits of Grant's Blend Mulch are plentiful...preventing weeds from sprouting...keeping the soil moist...enriching the existing soil...and providing a thick, attractive layer of finished ground cover.

Your landscape will never look or feel the same!

## **PROCESSING PRECEDURES AND SPECIFICATIONS OF GRANT'S BLEND**

### **Raw Material:**

Land clearing material, woody and fibrous, having been "first ground", stacked and stored in static piles for a period long enough to "cure" the material. The curing process kills weed seed and pathogens. This product also contains 20% melaleuca.

The uniqueness of Melaleuca.

- The exotic Melaleuca tree is mechanically cut at ground level, then separated from any other vegetation and organic material. No stump or root material is harvested. Trees are stockpiled then chipped utilizing a Whole Tree Chipper. Chips are "hand sized" and propelled into enclosed trailers holding a minimum of 25 tons.
- All fresh material lies on a pad of melaleuca chips at least four feet deep. All melaleuca products are stored at a minimum of one hundred feet horizontal and four feet vertical from any virgin soil, or other organic materials. Material is cured for a period of at least 120 days, raising minimum temperature to 140 degrees F. While curing, an allelopathic process kills any viable seed.
- Please note: Florida Department of Agriculture tests and stamps our melaleuca product to be nematode free, meeting the requirements of the states of Florida and California...the most stringent in the nation. This certification for burrowing nematode is assurance of the highest quality product.

### **Finished Product:**

The finished product is a fluffy, evenly textured material consisting of wood fiber, soil, sand, humus, and organic minerals, including Melaleuca, Slash Pine, and common hard woods.

### **Preparation:**

Prior to processing, the operator will proceed to the toe of the pile as directed by production manager. Operator will dig into the face of the pile and "fluff" the amount of material required for the processing run. The fluffing releases compaction and introduces air into the material, helping dry the material in order to make the screening process more efficient. Material will run faster and more sand will be removed. During preparation of the material, operator will visually scan for contaminants (rock, metal, plastics, logs, etc) and remove same. Fluffed material will be covered as needed during rainy season.

### **Quality Control Assurance**

During the production process, operators will visually scan for any type of contaminants and remove. Finished product will be covered as needed during rainy season.

## **Frequently Asked Questions of Color-enhanced Mulch**

### **Are the colorants safe for my plants and animals?**

Yes! The raw materials used to colorants are made from naturally occurring colors found in the earth's surface. These colorants, as well as the other ingredients are specially formulated to be nontoxic to plants and animals.

### **How long does the mulch maintain its color?**

Color enhanced mulch will typically maintain its color for six to eight months, compared to other mulches, which turn gray or white after just a few weeks.

### **Do the colors ever wash off the mulch?**

No. Once the colors dry, they are on the mulch permanently. You will not experience any color wash-off or leaching.

## **Technical Information**

### **TSCA Registration**

All products sold in the United States are registered with the Toxic Substances Control Act register, which determines if a product can be sold in the United States. If a product isn't registered with TSCA, it can't legally be sold in the United States. Material used to make premium grade colorants are listed on the TSCA.

### **Hazardous Waste Registration**

These colorants contain no hazardous materials, so they are exempt from Hazardous Waste Registration. Color-enhanced natural woods have no restriction when disposing of the product. Code of Federal Regulations Chapter 49 Section 261.

### **Volatile Organic Solvents**

The measured rate of evaporation is not considered flammable or combustible.

### **Shelf Life**

Colorants have a shelf life of twelve months in the drum.

### **EPA Registration**

The Environmental Protection Agency registers products that are considered toxic or harmful. The colorants used DO NOT contain any ingredients that are hazardous or toxic, so is therefore exempt.