

# **UTAH TOPSOIL & HAULING CO. BIO RETENTION MEDIA**

## **PART 1: MEDIA BLEND COMPONENTS**

A. Loamy Sand to Sandy Loam	50%
B. Lightweight Aggregate	30%
C. Organic Compost	20%

## **PART 2: SUPPLIER CONTACT INFORMATION**

Utah Topsoil & Hauling Co.  
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## **PART 3: COMPONENT PROPERTIES**

### **A. Loamy Sand**

pH	6.5 – 8
Soluble Salts	<4
Sodium Adsorption Ratio	<7
Organic Matter %	>2
Texture	Loamy Sand to Sandy loam

### **B. Lightweight Aggregate**

Acceptable Sources:

MagmaLite Volcanic Aggregate  
Gradation – Soil Conditioner

Utelite Expanded Shale Aggregate  
Gradation – Fines/Soil Conditioner

### **C. Organic Compost**

pH	6 – 8
Soluble Salts	<5

Sodium Adsorption Ratio <10  
Carbon / Nitrogen Ratio <30:1  
Moisture % 25 – 35  
Coarse Material 98% Passing 3/8”

#### **PART 4: COMPONENT BLENDING**

1. Mechanically mix 5 parts Loamy Sand to 3 parts Lightweight Aggregate and 2 parts Organic Compost until a uniform distribution of the components is achieved.
2. When stockpiling the finished mix, cover the pile with a plastic tarp to prevent drying out and soil separation from rain.