

UTAH TOPSOIL & HAULING CO.

ROOT ZONE SOIL

PART 1: MEDIA BLEND COMPONENTS

| | |
|--------------------------|-----|
| A. Loamy Topsoil | 50% |
| B. Lightweight Aggregate | 25% |
| C. Organic Compost | 25% |

PART 2: SUPPLIER CONTACT INFORMATION

Utah Topsoil & Hauling Co.
Scott Jenson – 801-243-9348
scott@utahtopsoil.com

PART 3: COMPONENT PROPERTIES

A. Loamy Topsoil

| | |
|-------------------------|-----------------------------------|
| pH | 6.5 – 8 |
| Soluble Salts | <4 |
| Sodium Adsorption Ratio | <7 |
| Organic Matter % | >2 |
| Texture | Loam, Sandy Loam, Sandy Clay 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 1 part lightweight aggregate to 1 part organic compost until a uniform distribution of the components is achieved. Ensure each component has an adequate moisture content to ensure proper blending.
2. Mechanically mix 2 parts loamy topsoil to 2 parts lightweight aggregate and organic compost blend until a uniform distribution of the components is achieved.
3. When stockpiling the finished mix, cover the pile with a plastic tarp to prevent drying out and soil separation from rain.