



# DESIGNER SOIL UTELITE E-SOIL® ROOT ZONE MIX

Utelite Corporation  
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## PART 1: GENERAL

### LIGHTWEIGHT PLANTING MIX

A. Utelite Soil Conditioner	25%
B. Screened Loamy Topsoil	50%
C. Approved Compost	25%

## PART 2: COMPONENTS

- A. Utelite Soil Conditioner  
Utelite 'Fines' Expanded Shale Aggregate

Bulk density (cu. ft.): 50 – 55 lbs  
Saturated weight (cu. ft.): 60 – 75 lbs

- B. Screened Topsoil

#### Texture

30% - 50% Sand  
30% - 50% Silt  
10% - 25% Clay  
<5% Organic Matter

- C. Approved Compost

pH	6 – 8
Soluble Salts	<5
Sodium Adsorption Ratio	<10
Carbon / Nitrogen Ratio	<20:1
Moisture %	25 – 35
Coarse Material 98% Passing	3/8"

## PART 3: BLENDING INSTRUCTIONS

1. Mechanically mix sand and clay thoroughly (if necessary) to meet loamy top soil specification.
2. Mechanically mix 2 parts of the loamy topsoil to 1 part Utelite Soil Conditioner and 1 part approved Compost 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.