Plants That Beat the Heat and Keep on Blooming

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Urban Solution Center
Beautiful Green Landscape

- Increases home value
- Reduces utility bills
- Moderates outdoor environment
- Cleans/filters air
- Controls flooding
- Reduces erosion
- Grass Fire Control
Plant Selection

Macro-environment
• Hardiness Zone
• Heat Zone
• Prevailing Wind
• Chilling Hours
• Soil Type
  – pH
• Water
  – Salinity
  – ph

Mirco-environment
• Sun/shade
• Building/Fences
• Pavement
• Irrigation
• Soil Amendments
• Mulch
Native and Adapted Plants

• Thrive
• Require less
   – water
   – fertilizer
   – pesticides
Trees
Most Valuable Investment

• Modifies outdoor environment
  – Temperature
  – Humidity
  – Air
• Reduces utility bills
• Specimen

Birds of Paradise
Trees

Shade Trees
- Red Oak
  - Shumard
  - Texas
- Live Oak
- Chinquapin Oak
- Bur Oak
- Cedar Elm
- Pecan

Ornamental Trees
- Crepe Myrtle
- Desert Willow
- Birds of Paradise
- Mexican Plum
- Redbud
- Eve’s Necklace
- Buckeye
Crape Myrtle
Desert Willow
Chinquapin Oak
Eve’s Necklace
Shrubs

- Foundation Planting
- Specimen
- Evergreen
- Deciduous
- Flowers
- Berries
- Shelter

Philadelphus
Texas Sage
Yaupon
Spiraea
American Beautyberry
Althea
Oakleaf Hydrangea
Glossy Albelia
Possumhaw Holly
Vines

- Cling
  - Holdfast
  - Tendrils
  - Spiral
- Flowers
- Fruit
- Light
- Groundcover

Autumn Clematis
Cross Vine
Coral Honeysuckle
Flowers

**Annuals**
- One Season
- Summer
- Winter
- Containers
- Size
- Light
- Color

**Perennials**
- Grow more than one season
- Summer
- Winter
- Size
- Light
- Flowering Time
- Color
Annuals

- Instant Color
- Mass Planting
- Colors
- Soil Preparation
- Mulch
Morning Glory Bush
Candle Tree
Coleus
Pentas
Perennials

- Sustainable
- Herbaceous
- Evergreen
- Many Choices
- Colors
- Flowering Time
- Soil Preparation
- Mulch
- Irrigation

Salvia greggii
Autumn Sage
Salvia greggii
Mealy Sage
Turks Cap
Butterfly Bush
Calyophus
Coral Bells
Coreopsis
Hardy Hibiscus
Texas Star and Flare
Autumn Joy Sedum
Mexican Bush Sage and Mexican Mint Marigold
# Plant Selection

<table>
<thead>
<tr>
<th>Plant</th>
<th>Color</th>
<th>Height</th>
<th>Width</th>
<th>Season</th>
<th>E or D</th>
<th>A or P</th>
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</thead>
<tbody>
<tr>
<td>Salvia Greggii</td>
<td>Red White Purple</td>
<td>3 ft</td>
<td>3 ft</td>
<td>Summer</td>
<td>E</td>
<td>P</td>
</tr>
<tr>
<td>Mealy Sage</td>
<td>Blue White</td>
<td>2 ft</td>
<td>1 ft</td>
<td>Summer</td>
<td>D</td>
<td>P</td>
</tr>
<tr>
<td>Turk’s Cap</td>
<td>Red White</td>
<td>3 ft</td>
<td>3 ft</td>
<td>Summer</td>
<td>D</td>
<td>P</td>
</tr>
<tr>
<td>Rosemary</td>
<td>Blue</td>
<td>3 ft</td>
<td>3 ft</td>
<td>Winter</td>
<td>E</td>
<td>P</td>
</tr>
</tbody>
</table>
Soil Preparation

- Eliminate all vegetation
- Till or turn into soil
  - Compost
  - Expanded Shale
  - Bark Mulch
  - Agrosoke
- Water
- Plant
- Mulch
- Water
Soil Amendments
Maintenance

• Mulch
• Fertilizer
• Dead head
• Prune
• Irrigate
Resources

• Aggie-Horticulture
• Texas SmartScape
• Texas Super Stars
• Extension Office
• Master Gardeners
• Plant Societies
• Local Nurseries
For More Information
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