

Restoration Potential

Surface and ground water hydrology

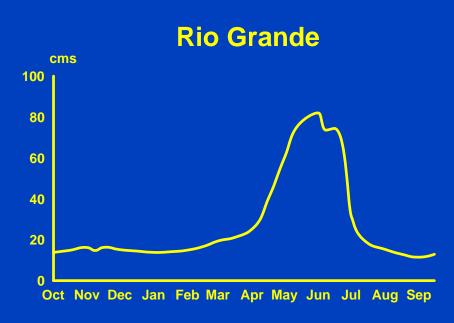
Abiotic Components

Revegetation Potential Flooding



Natural or Controlled Flooding

Specific Hydrographs

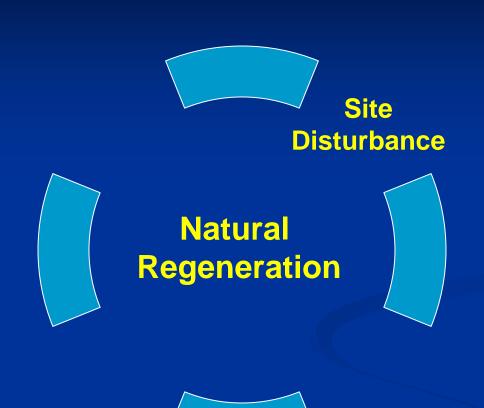


Revegetation Potential

Flooding







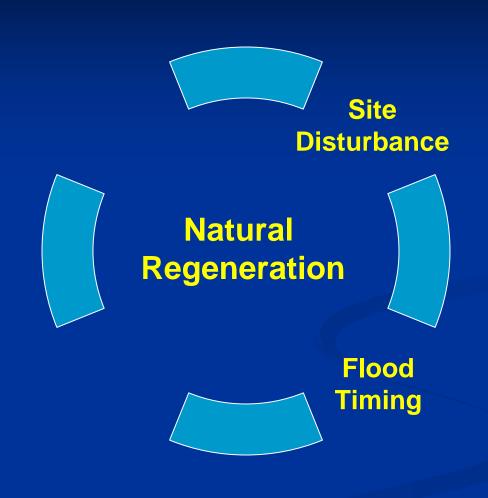
Mechanical Control

Root Plow & Rake

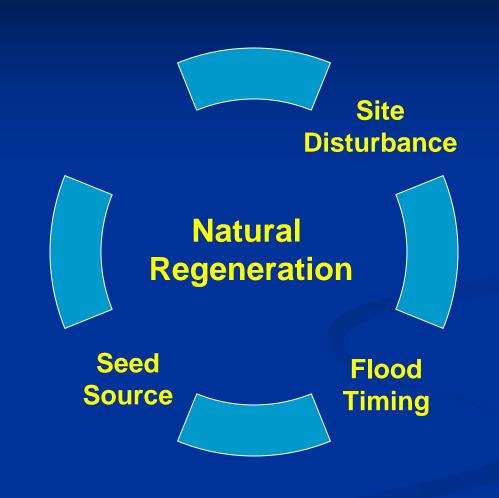


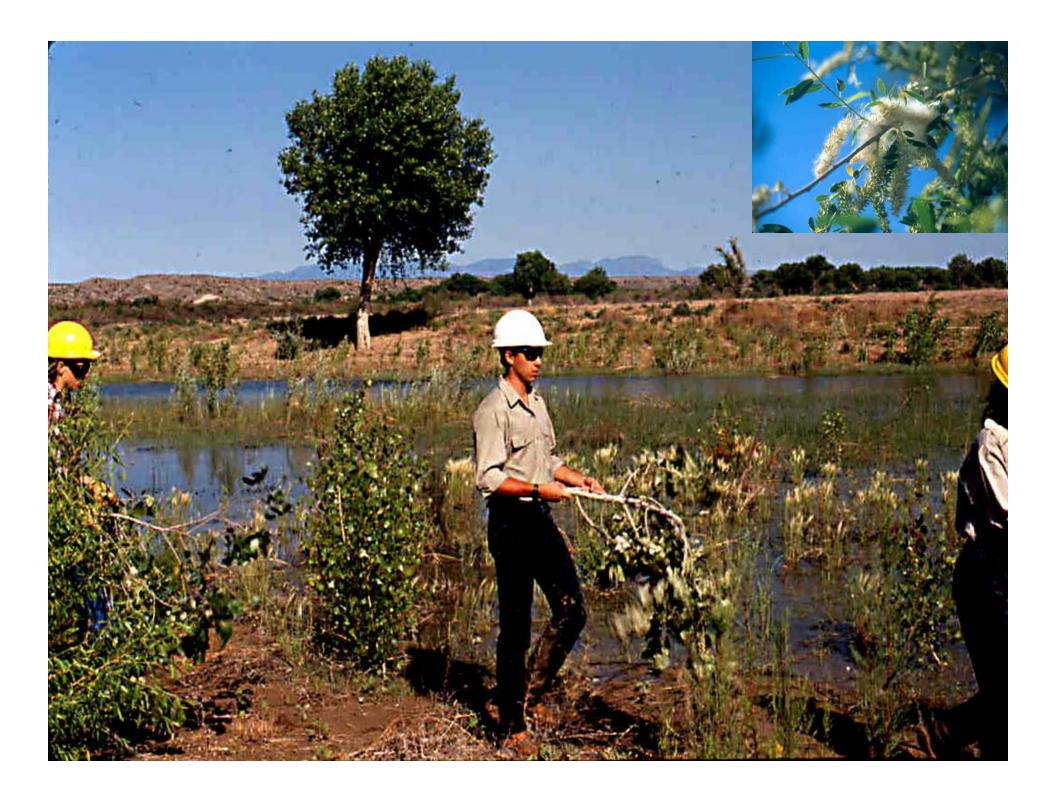


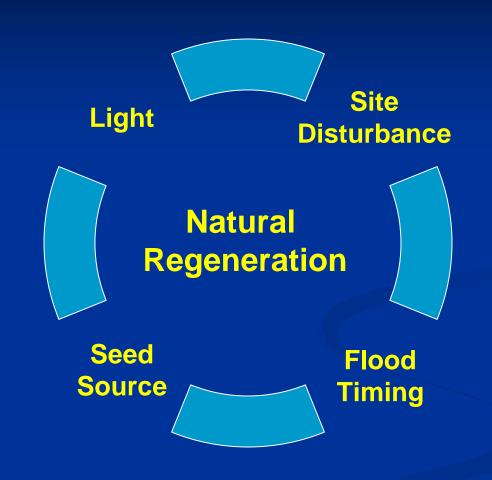
Cost ~ \$700/acre >98% Control















Revegetation Potential / Flooding No Flooding



Avoid Soil Disturbance

Prevent Weed Competition

Conserve Soil Moisture

Improve Soil Nutrients

Herbicide/Burn \$190/acre



Herbicide/Shread \$400/acre



Revegetation Potential / Flooding No Flooding

Natural Regeneration

Artificial Planting

Artificial Planting









Factors Determining Aritificial Planting Potential

Soil Texture

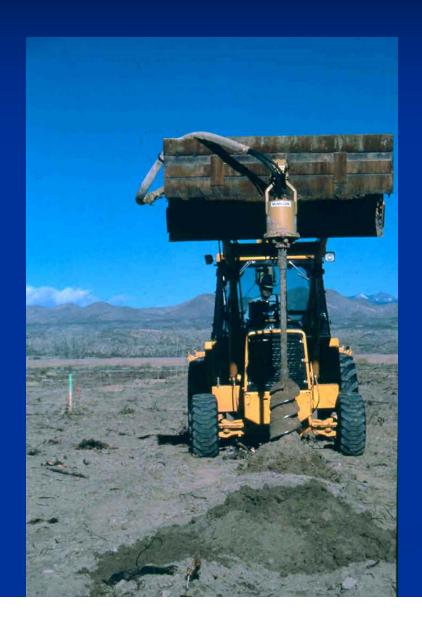
Salinity

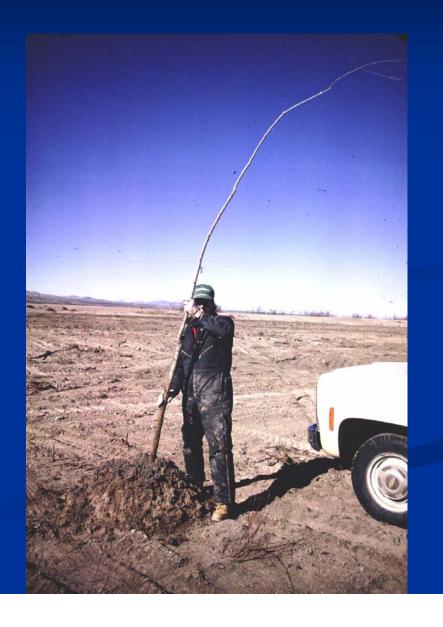


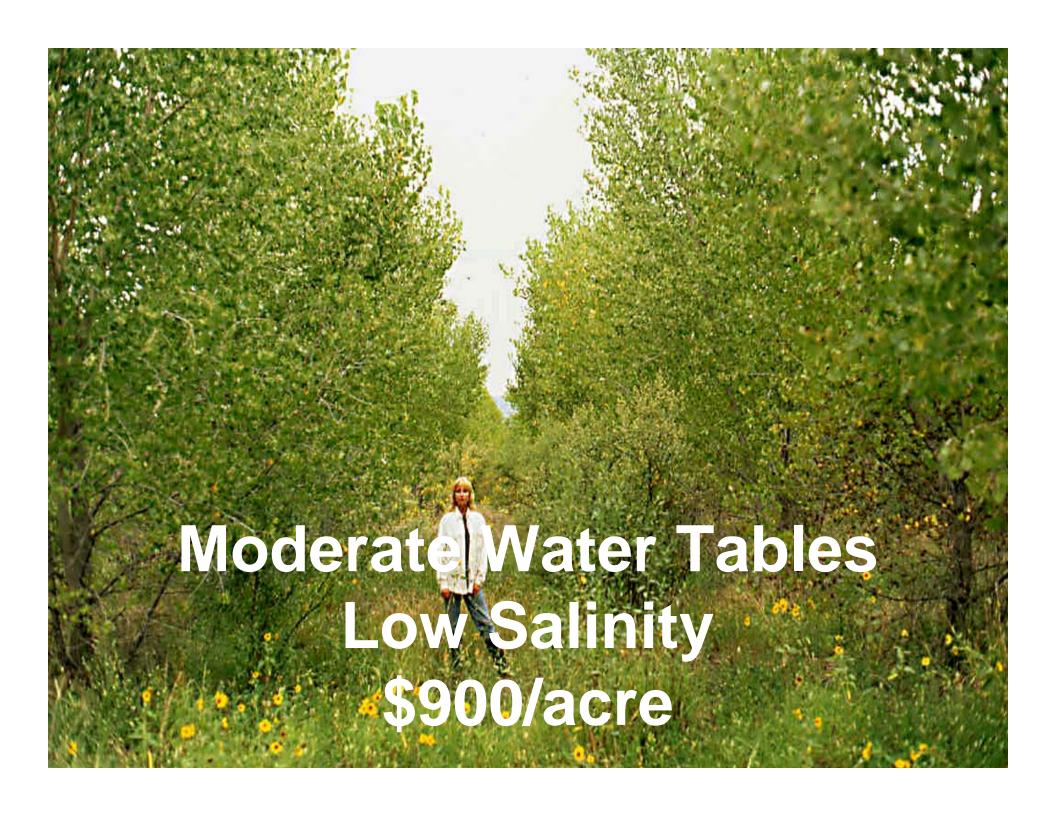


Depth to Groundwater

Pole Planting















Revegetation Potential / Flooding No Flooding

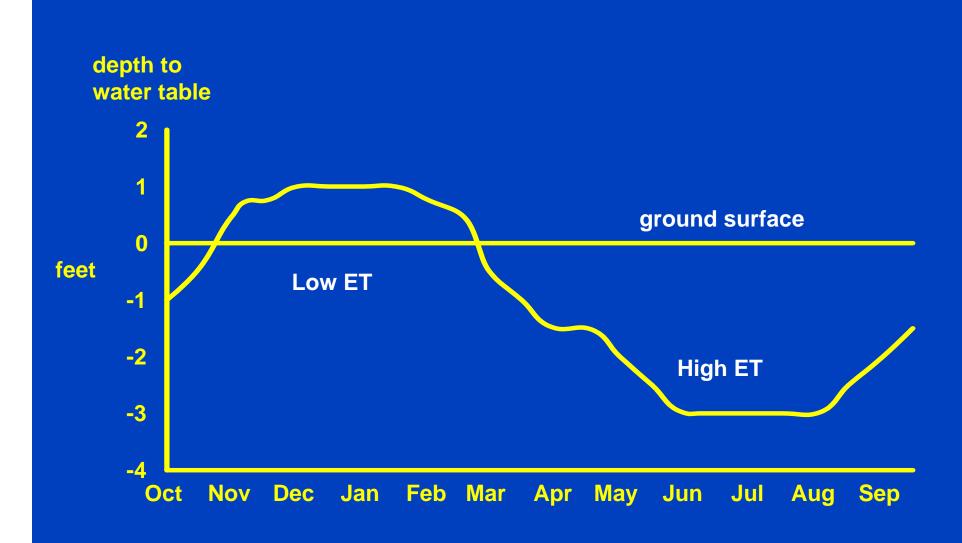


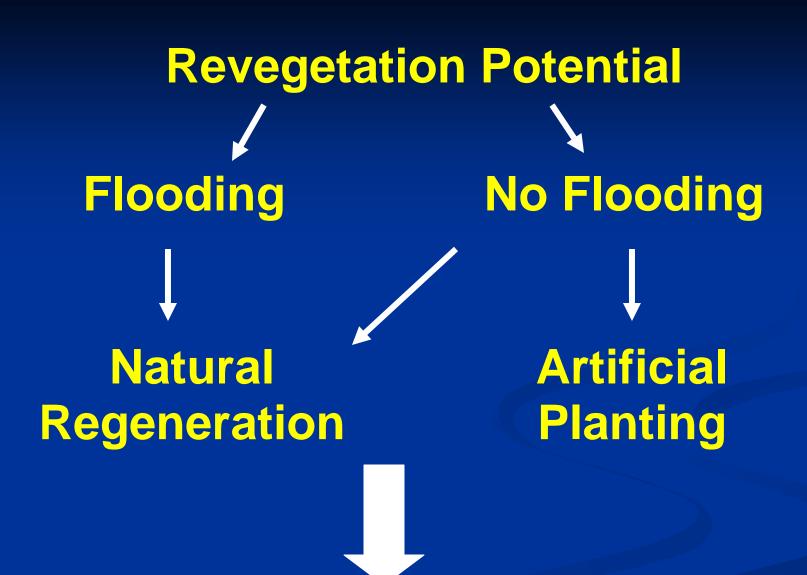
Saltgrass Meadow

Alkali Sacaton Grassland



Groundwater Restoration





Saltcedar Control Strategies