TAMARISK COALITION – PLANT MATERIALS UPDATE

1.30.2013
COTTONWOOD POLE PLANTATION: MACK, CO

Trees in photo planted as seedlings at plantation last spring!

Approximately 4,000 trees; many 10-12’ high.

Many trees currently ready for harvest.
Over half of the trees at the plantation were grown from seeds or cuttings collected from the Dolores River or nearby.

Trees are being grown to be harvested as poles, which are planted into the groundwater at restoration sites during the dormant season.
WILDLAND SCAPES NURSERY: MOAB, UT
LONGSTEMS & OTHER SIZES

Plants grown from seeds or cuttings collected on Dolores River or nearby; many ready for planting.
WILDLAND SCAPES NURSERY: MOAB, UT
LONGSTEMS & OTHER SIZES

Plants grown from seeds collected on Dolores River or nearby
Plants to be up-potted to larger sized containers; ready for planting!
Many tallpot and longstem shrubs are ready for planting!

Materials located in Meeker, Co; most grown from seeds collected in Grand Junction area.
UPPER CO. ENVIRONMENTAL PLANT CENTER: MEEKER, CO
TALLPOTS/LONGSTEMS

Additional photos of materials located in Meeker, CO
Suggested Methodologies for Cottonwood Pole Willow Whip and Longstem Plantings

2014

Tamarisk Coalition

PO Box 1907  Grand Junction  CO 81502
Plant Materials Sizes & Growing Techniques

Deep pot, longstem deep pot, treepot planting; more applicable in areas where the groundwater is not as deep (or where you have supplemental irrigation)

Longstem materials grown in gallon (#1) or smaller sized containers (conetainers, etc.); grower will typically prune branches

Tallpot, longstem tallpot (may be more applicable in Sonoran desert or in areas where the groundwater is very deep)

Groundwater

Capillary fringe

Deep pot/longstem deep pot

Example of different container sizes that can be used to produce woody species with longstem properties
Diagram of cottonwood and willow planting depths relative to capillary fringe and high and low water table depths

- **Dormant cottonwood pole planting depth**
  - 3 feet of aerated soil minimum required

- **Deep pot planting and tall pot planting depth**
  - Soil surface
  - Top of high water table
  - Top of lowest water table
  - Capillary fringe obviously moves up and down within this window throughout the year

- **Willow whip and stake planting depth** (can be in deeper standing water)

- Capillary fringe
- Capillary fringe
- 2-3 inches of standing water
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