

Clarno Hardwood Propagation Center

2011 Accomplishments

Clarno Hardwood Propagation Center in Central Oregon supports the Region 6 Native Plant Restoration Program by coordinating the ordering, harvest, storage and delivery of 35,000+ willow and cottonwood cuttings to over a dozen partners.

FY11 Highlights:

- Grow-out of 150 existing cottonwood accessions within a new stooling bed for future production needs.
- Coordinated with BLM in executing a restoration planting along John Day River in vicinity of nursery. Planted with a new drip irrigation system.
- Provided technical support and native material order for Sisters Ranger District Three Sisters Irrigation District Diversion Project. Harvested and delivered 2,000 willow poles to project site in fall 2011.
- Collaborated with Department of Agriculture ARS (Logan, Utah) in building a fenced enclosure with site preparation for a native legume (basalt milkvetch) field planting trial. First of several plots was planted fall 2011.
- Provided locally adapted native aspen, cottonwood, and willow plants for the new Deschutes NF office building landscape, including bio-retention swale plantings.
- Initiated the re-measurement and data collection of an age 16 cottonwood movement study involving over 100 eastern Oregon native cottonwood sources. Adaptability, survival, insect damage and growth are the primary focus.
- Participated with Region 6 Restoration Team in establishing long pole cottonwood and willow planting trials along with water table monitoring on perched flood plains at Pine Creek Conservation Area (Confederated Tribes of Warm Springs).



Figure 1. Chris Jensen manages Clarno Hardwood Propagation Facility.



Figure 2. Establishing hardwoods, Clarno Hardwood Propagation Center.

Year Awarded: 2011
Expenditures: \$20,000 Total NFN3 Funding

Partners/Contractors/Coop Include: Bureau of Land Management, Agriculture Research Service, Confederated Tribes of Warm Springs, Water & Soil Conservation Districts, Watershed Councils, numerous Region 6 National Forests.

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Figure 3. Clarno facility provided willows, cottonwoods and aspens for the new Deschutes NF office landscaping.



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