PMC Activities

Working with Partners to develop plant materials solutions in the following areas:

- **Soil Quality**
  - Carbon Sequestration
  - Erosion control
  - Cover crops
- **Irrigation – Integrated Water Management**
- **Aquatic Restoration**
  - Riparian revegetation
  - Wetland restoration
  - Invasive weed control
  - Buffers and filter strips
- **Air Quality**
  - Hedgerows and Windbreaks
- **Plant Selection & Establishment**
  - Rangeland improvement
  - Invasive weed control
  - Restoration of retired agricultural land
  - Saline environments
- **Wildlife Habitat**
  - Pollinator hedgerows and habitat
  - Conservation cover
- **Culturally Significant Plants & Development of Indigenous Stewardship Methods**
- **Alternative Energy**
  - Plant materials evaluation
  - Plant solutions for emerging concerns

Plant Materials Program

The Lockeford PMC develops plant materials and plant technology in cooperation with our partners. The PMC assists with restoration projects, conservation programs and projects to develop plant materials and technologies for specific needs.

Technical resources and program information are available on our websites:

Lockeford Plant Materials Center
http://plant-materials.nrcs.usda.gov/capmc

NRCS National Plant Materials Program
http://plant-materials.nrcs.usda.gov

PMC Partners & Customers

- NRCS Field Offices
- Resource Conservation Districts
- Public Agencies
- Universities & Colleges
- Conservation Organizations
- Tribes
- Farmers & Ranchers
- Private Landowners

Contact the Lockeford PMC to discuss opportunities for partnering for conservation projects and training.

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

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January 2012

Partnering to Develop Plant Solutions for California Conservation

Lockeford Plant Materials Center

Lockeford Plant Materials Center
21001 N. Elliott Road, Lockeford, CA 95237
Tel: (209) 727-3129 • Fax: (209) 727-5923

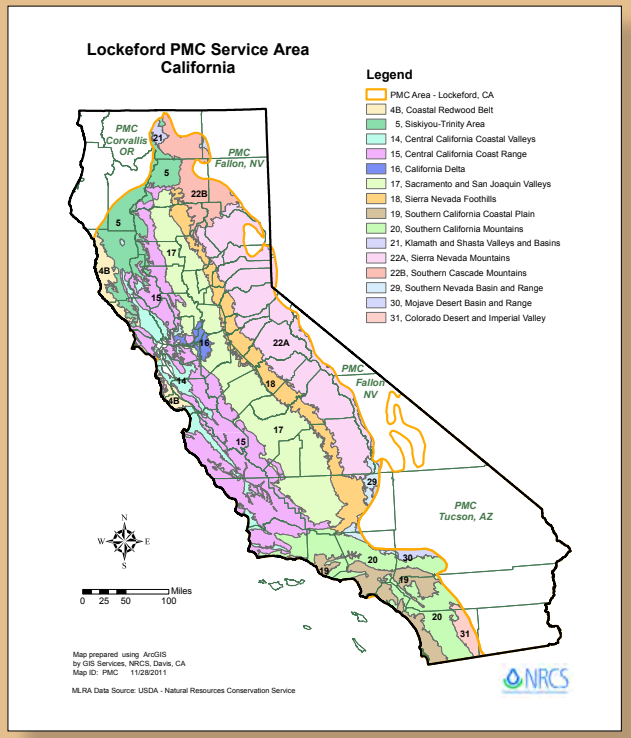
Lockeford PMC

The Lockeford PMC is a unit of the USDA Natural Resources Conservation Service (NRCS) Plant Materials Program. Their mission is to develop plant materials and plant technology for conservation use. The Lockeford PMC opened in 1975 after moving from their previous location in Pleasanton.

California has the most diverse topography of any state, with Mediterranean and Continental climates. Water is a major resource issue for most of the state. Agriculture in the service area is extremely diversified, including fruits and vegetables, extensive livestock production from native rangeland, and timber production.

The PMC has developed over 30 named plant releases for conservation use. Currently, emphasis is on development of native plants.

Service Area



Plant Releases

A PMC release is a plant selection that has been evaluated and selected for its ability to grow under certain conditions while achieving specific conservation purposes, such as erosion prevention, invasive species control and other functions.

LK517f Germplasm Inland saltgrass *Distichlis spicata*

Southern Cal 1000 Germplasm California Brome *Bromus*

'Dorado' bladderpod *Peritoma arborea var arborea*

'Rio' beardless wildrye *Leymus triticoides*

'Sierra' Sulphur-flowered buckwheat *Eriogonum umbellatum*

Training at the PMC

The Lockeford PMC provides a great location for training about plant materials and conservation issues. NRCS personnel provide training in all phases of the plant materials program at the PMC through workshops, field days and small group tours. Contact the PMC for further details.

NRCS