



# CACHE CREEK CONSERVANCY

## Mission

To restore, preserve and protect the Cache Creek watershed through land stewardship and habitat restoration, community and cultural collaboration, and environmental education.

## Who We Serve

Cache Creek Conservancy serves 200,000+ residents of Yolo County whose health and safety depend on the watershed's natural resources. Habitat restoration using indigenous vegetation provides both air and water filtration, as well as addressing areas with heat effects due to a lack of vegetation. This work also increases stewardship and the green economy through established youth internship programs and local workforce training.

## Project: Native Seed & Plant Propagation Hub

The project will fund a high-capacity Propagation Hub to grow local ecotype plants specifically adapted to the unique conditions of the Cache Creek Watershed. This will ensure supplies of native plants for large scale restoration efforts and ensure health and safety benefits to residents. It will be a high technology growing hub incorporating the science of indigenous seed germination and nursery management.

## How Grant Funds Will Be Used

- 34'x48' Hoop House
- Nursery tables, stainless-steel workbenches
- Steam generator for soil treatment/Sterilizer rental income
- Irrigation and propagation supplies
- Gravel, outdoor chairs, ground leveling
- 25% of Restoration Manager salary

# How the Project is Transformational

The Propagation Hub will be the primary source of indigenous plants to the restoration community, as well as the only Soil Treatment/Sterilizer generator in the 80 mile area. This Hub will ensure that plants with detailed provenance will be readily available for restoration projects in the watershed, which will continue to benefit the health and safety of Yolo residents and the environmental uniqueness of the riparian corridor.

## Sustainability

The funding will provide sustainable opportunities to improve the environment surrounding Cache Creek's vital ecosystem through the propagation of native plants and trees. This sustains the area in many ways: a soil treatment generator that will increase production for CCC as well as provide an ongoing income source by renting the generator to other nurseries in the area; ongoing health and safety benefits of clean air and water through healthy plants and trees; ensuring ongoing stewardship through valuable internships and learning opportunities to youth and local workforce from the area.

## What is Unique About this Project

The Propagation Hub will be the supplier of "local ecotypes" plants (genetic integrity and local provenance), which are currently not sold anywhere. This is an opportunity to build the biological foundation for the restoration of the Cache Creek Watershed so that it includes ecological and cultural history, and ensures the watershed's longevity. Staff and interns will implement a high technology growing system, including the science of indigenous seed germination and nursery management. The Conservancy will contribute important data to science platforms and restoration data bases, putting CCC "on the map" for national conservation efforts.