

California Friendly Landscaping Project at a Glance

In support of the County Board of Supervisors' Green County Initiatives, Facilities Management began to investigate ways to reduce water consumption through the use of water-saving irrigation systems, California Native, and California Friendly plants.



Average Water Usage

Before	After (estimated)
1,600,000 gallons per year	588,042 gallons per year
133,333 gallons per month	49,000 gallons per month
33,333 gallons per week	11,309 gallons per week
4,760 gallons per day	1,611 gallons per day

Demonstration Garden Features

- Replacement of 27,000 sq ft of turf with California Native & California Friendly plants
- Installation of ambient light irrigation controls, utilizing only solar power
- Use of mulch to insulate plants, help retain water, and inhibit weed growth



Left:
Ambient LEIT-2
Controller



Right:
Black & Decker
Cordless Electric
Mulching Mower

A mix of California Native and California Friendly plants was selected to provide year-round aesthetic appeal. California Natives go dormant in summer, while California Friendly plants have a later blooming season. Project next steps include installation of a weather station which will analyze weather data and adjust watering schedules accordingly.



www.sbcounty.gov

Water-Wise resources
www.bewaterwise.com
www.hdawac.org



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**San Bernardino County
Facilities Management
Department**

**California Friendly
Landscaping Project**

Opening: July 7, 2008

Facilities Management has created a landscape project emphasizing water conservation to test drought tolerant grasses and plants.

This demonstration garden showcases the natural beauty of California Native and California Friendly plants while using less water than traditional turf-focused landscape.



Located at Facilities Management Administration 200 South Lena Road, San Bernardino, this demonstration garden also features a "turf test center" to compare the water needs, durability, and aesthetic appeal of five different blends of commonly used grass.

Facilities Management Department California Friendly Landscaping

This is a San Bernardino Green County Project

Marathon III
Extra dwarf fescue, Ornamental

Bonsai
Dwarf fescue
Ornamental, Drought tolerant

Marathon I
Standard fescue

RTF
Rhizomatous Tall Fescue
Hard wearing, Drought Tolerant

SuperiorPlus
Standard fescue
Drought Tolerant



California Friendly Project Plant List

Achillea millefolium
Yarrow

Aesculus californica
Western Buckeye

**Arctostaphylos
Manzanita**
"Dr. Hurd"
Common Manzanita

**Arctostaphylos
densiflora**
"Howard McMinn"

Arctostaphylos
"Pacific Mist"

Artemesia californica
Montara

Baccharis pilularis
Coyote Bush

Buddleia marrubiifolia
Woolly Butterfly Bush

Buddleia x weyeriana
*Honeycomb Butterfly
Bush*

Ceanothus
"Ray Hartman"

Ceanothus g.h.
"Yankee Point"
Wild Lilac

**Cerastium
tomentosum**
Snow in Summer

Cercis Canadensis
Eastern Redbud

Cercis occidentalis
Western Redbud

**x Chitalpa
tashkentensis**
"Pink Dawn"

Cistus ladanifer
"Crimson Spot"
Rock Rose

Cistus purpureus
Orchid Rockrose

Fallugia paradoxa
Apache Plume

Heuchera
"Opal"
Alum Root Hybrid

Heuchera sanguinea
Red Coral Bells

Ipomea
Morning Glory

Iris douglasiana
Douglas Iris

Lavandula augustifolia
English Lavender

Lavandula stoeches
"OttoQuast"
Spanish Lavender

**Leucophyllum
frutescens**
Texas Ranger

Lobelia laxiflora
Mexican Lobelia

Mimulus aurantiacus
Sticky Monkey Flower

Nepeta faassenii
Catmint

Penstemon parryii
Parry's Penstemon

**Prunus
virginiana**
Choke Cherry

Rhus ovata
Sugarbush

Ribes odoratum
Red Currant

Ribes aureum
Golden Currants

Robina neomexicana
New Mexico Locust

Rosa Woodsii
Woods Rose

**Salvia
chamaedryoides**
Germander Sage

Salvia clevelandii
Cleveland Sage

Salvia clevelandii
"Allen Chickering"

Salvia clevelandii
"Winifred Gilman"

Salvia greggii
"Dark Dancer"

Salvia greggii
Red

Salvia leucantha
Blue Sage

Salvia leucophylla
Purple Sage

Salvia spathacea
Hummingbird Sage

Sambucus L.
Elderberry

Senecio cineraria
Dusty Miller

Sisyrinchium bellum
Blue-eyed Grass

**Sisyrinchium
californicum**
Yellow-eyed Grass

Tagetes lemmonii
Perennial Marigold

Vitex agnus-castus
Chaste Tree

Grass Plots:
Marathon Sod
Marathon III
SuperiorPlus
Bonsai
RTF

Tips & Terms

Water saving tips and terminology



Tip -

Water in the early morning or late evening to prevent loss from wind and evaporation.

Tip -

Adjust watering times for seasonal changes.

Tip -

Avoid runoff, if water is running off your lawn during watering, adjust your sprinkler heads, and break up watering times into shorter periods to allow water to sink into the soil.

Term -

California Native: plants indigenous to California.

Term -

California Friendly: plants that thrive in California's climate.

Term -

Xeriscape[™] - a trademark for a method of landscaping which emphasizes water conservation in its use of drought-resistant plants.



Tip -

Use low-water landscaping.

Transform your garden into a lush desert oasis by replacing thirsty lawn and water-consuming plants with attractive native and drought-tolerant plants.

Tip -

Keep your lawn free from weeds. Weeds are water-thieves and will rob your plants and lawn of water and nutrients.

Tip -

Use a layer of organic mulch around plants to reduce evaporation and save hundreds of gallons of water a year.

