

OAKS and the DROUGHT

The background of the slide is a photograph of a natural landscape. It shows a rolling green hillside dotted with numerous oak trees of varying sizes. The sky above is a vibrant blue, filled with soft, white, scattered clouds. The overall scene is bright and clear, suggesting a sunny day.

By Kris Randal
UCCE Master Gardener Coordinator
Mariposa and Merced Counties

Mediterranean Climate

- California
- Chile
- Australia
- Mediterranean Basin
- South Africa

Cool, Wet Winters & Hot,
Dry Summers



Valley Oak







Beatrice F. Howitt, California Academy of Sciences

Quercus lobata





Blue Oak Woodland



Black oak



Quercus kelloggii







Interior live oak



Quercus wislizenii



Canyon live oak











Fire Impacts

- Oaks have evolved in a natural fire regime
- Oaks are able to survive low- to moderate- intensity fires
- Scorching of leaves has little long-term impact
- Even if tops of trees are killed by fire, some are able to root sprout











