



California Walnut Growth

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According to legend, the walnut originated when Bacchus, the Greek god of wine and ecstasy, fell in love with Carya, the youngest of three daughters of Dion, king of Loconia. When the jealous elder sisters endeavored to prevent the two lovers from meeting, Bacchus turned them into stones and, for reasons clear only to a god, transformed his beloved into a walnut tree.

Origin of the Walnut

The background of the slide features several walnuts. There are three large, whole walnuts with their characteristic wrinkled, brown shells, and a cluster of smaller, broken walnut pieces at the bottom center. The walnuts are set against a plain, light-colored background.

- Persian, English walnut (*Juglans regia*)
- Mountain chains of Central Asia - Turkey to Iran
- Forest trees
- Transport and commerce
- Greece – Into Europe via Rome
- English walnut – transport in English merchant ships

Walnut in California

The background of the slide features several walnut shells and pieces. Three large, smooth, light-brown walnut shells are arranged in a loose cluster at the top and middle. Below them, there are several smaller, broken pieces of walnut shells, some showing the inner surface and others showing the outer, textured surface. The overall composition is centered and provides a visual context for the text.

- To California by Mission fathers about 1770
- Joseph Sexton – Southern California 1867
- Felix Gillet, Barren Hill Nursery, Nevada City 1859
- Hartley, Payne and Franquette
- New varieties UCD breeding program

Distribution of Walnut

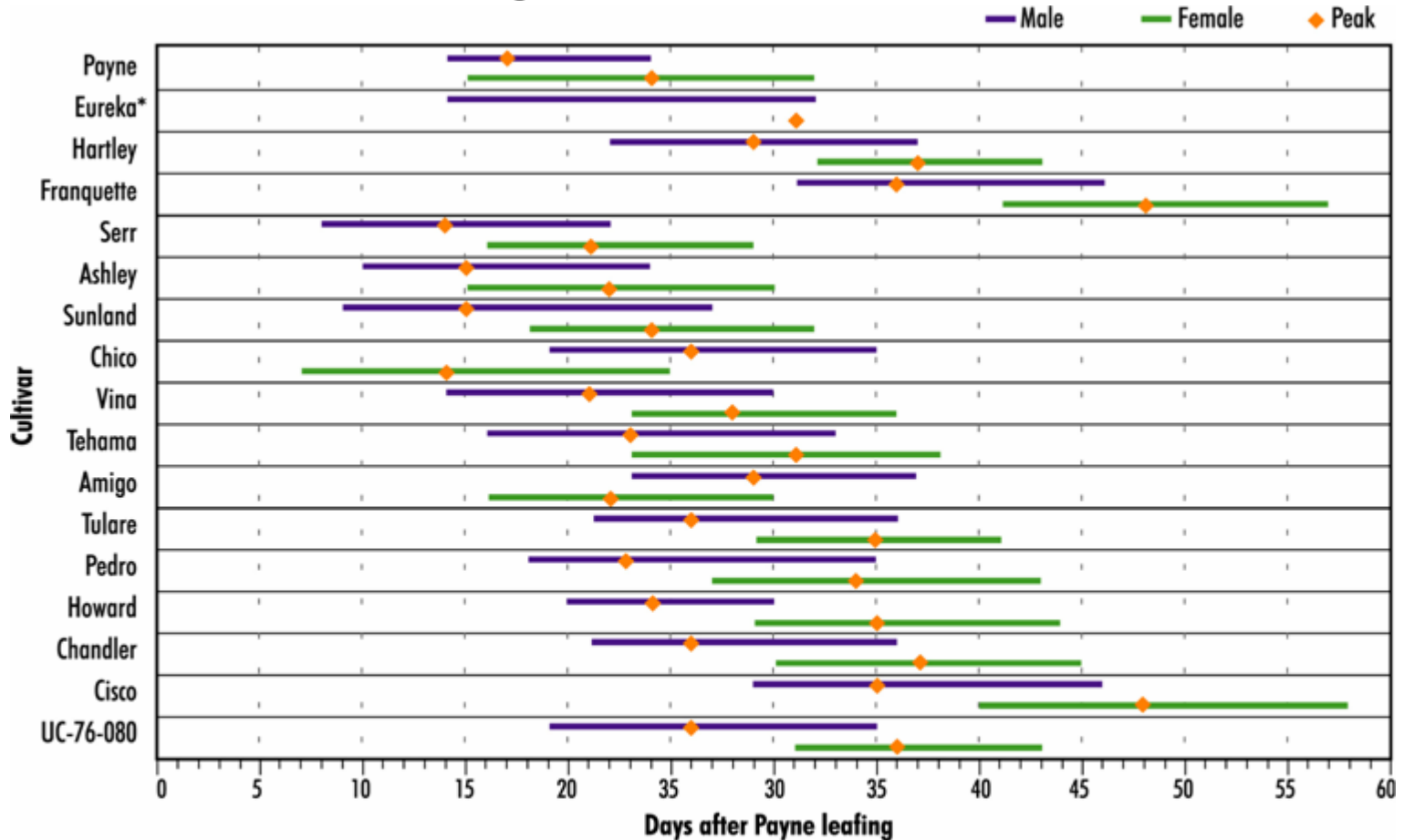


- Frost
- Deep, well-drained soils
- Soil pH 6.5
- Available water

Rootstocks



Cultivars



Relationship of pollen-shedding period to time of peak pistillate bloom.

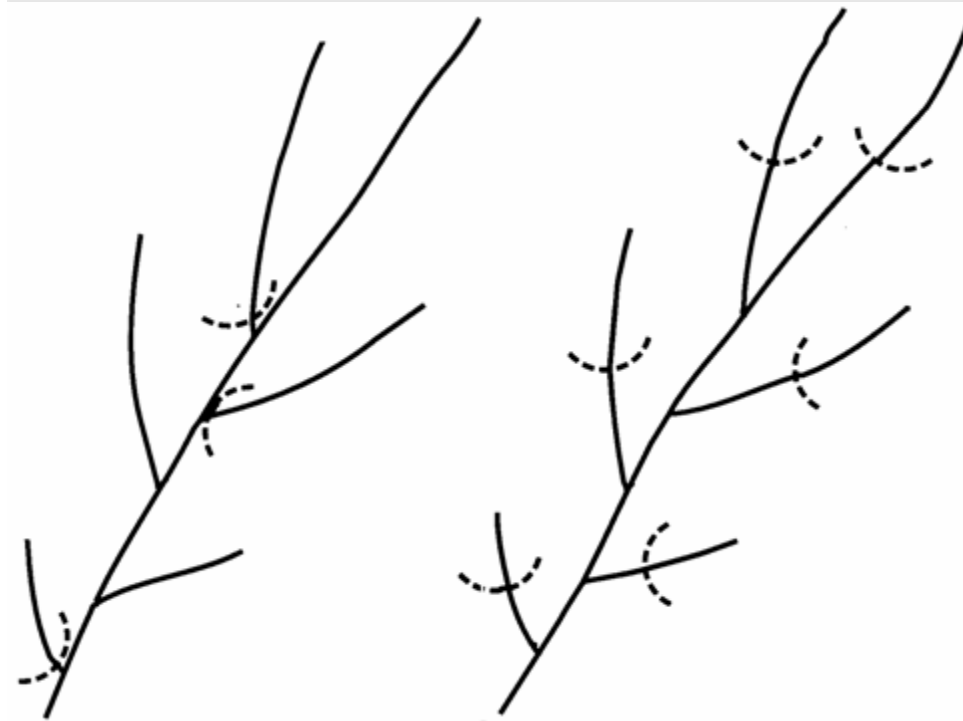
Note: The data describe walnut trees growing in an orchard at the University of California, Davis. The number of days cited is an average based on findings for five years (1986-1990).

*Data incomplete.

Spacing



Pruning



Thinning

Heading