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## FRUIT & NUT RESEARCH & INFORMATION CENTER



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**FRUIT & NUT  
RESEARCH &  
INFORMATION CENTER**

Initiated by the Pomology department in 1995

## Mission

Coordinating and disseminating University of California research-based information, accomplishments, and extension activities related to California fruit and nut crops

**UC DAVIS**  
**DEPARTMENT OF PLANT SCIENCES**

**University of California**  
Agriculture and Natural Resources

# Principles of Fruit and Nut Tree Growth, Cropping, and Management



**\*REGISTRATION NOW OPEN\***  
**MARCH 11-21, 2024**

An extension course focused on understanding how trees work. Learn the basics of tree fruit and nut biology, and how it relates to orchard management. Taught by a team of UC Davis faculty and cooperative extension experts.



Class of 2019





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# Prune

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**Annual Research  
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# California Prune Board

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## 2022

### 2022 Prune Research tour

F. Niederholzer, L. Milliron

### MECHANICAL PRUNING TRIAL IN ‘FRENCH’ PRUNE

R. Rosecrance, B. Wheeler-Dykes, L. Milliron, F. Niederholzer, C. Reyes

[Pruning Bearing Trees](#)

### Epidemiology and management of blossom, leaf, and fruit diseases of prune

J.E. Adaskaveg, D. Thompson, H. Forster, F. Niederholzer, K. Jarvis-Shean

[Brown Rot](#)

### CALIFORNIA PRUNE RESEARCH REPORTS DATABASE

J. Stover-Blackburn, K. Taniguchi, T.M. DeJong

# Prune Chilling Prediction Model

Developed by Franz Niederholzer

Horticultural oil as a rest-breaking agent for prune is most effective when application occurs when 30-40 chill portions have already accumulated.

This model uses historical data and current weather data to predict the earliest estimated spray date.

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Prune Chilling Predictor Model

Home > Prune Chilling Predictor Model

CIMIS Station

Type: CIMIS ID: 12 Name: Durham Change Station

Target Chill Portions

40 Portions

Chill Portions to Date (Dec 4): 18.1

Remaining Chill Portions: 21.9

Estimated Earliest Spray Date:

	# Days Remaining	Date
Earliest (max chill accumulation rate)	27	Jan 1, 2024
Estimated (15-year historic average rate)	33	Jan 7, 2024

SiteFarm Website Builder  
1234 Mrak Hall | One Shields Avenue  
Davis, CA 95616  
Phone: (530) 456-7890  
Fax: (530) 123-4567  
info@email.com

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