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# POMOLOGY NOTES

## E-MAIL EXTRA: AUGUST 6, 2009

*Franz Niederholzer, UCCE Farm Advisor, Sutter/Yuba Counties*

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### Current Information on Sutter/County 'French' Prune Harvest, 2009

*Franz Niederholzer, UC Farm Advisor, Sutter/Yuba Counties*

#### Thursday, August 6, 2009

Pressures and sugars were checked in eight mature, well maintained 'French' prune blocks around Sutter/Yuba Counties. Two additional blocks were added this week. Test blocks now include D-10, Live Oak (2), LoMo Crossing area, Nuestro x Township, Geo Washington X Oswald, and Everglade X Sawtelle (2) areas.

#### Pressures averaged in the range of 5 -- 6.5 pounds for all blocks.

Pressures have been dropping an average of 1.5 – 1.7 pounds/week. Pressure drops in the orchards I checked ranged from 1.25 – 2.11 pounds/week.

Sugars ranged from 17% to 23% soluble solids. An average sugar increase of 1.7% was measured over the past week. Sugars increases ranged from 1-3%.

**Growers are urged to check pressures in each orchard as harvest approaches to best prepare for a high quality harvest.** Fruit pressure testing is the best way to test fruit maturity and plan harvest. Optimum prune harvest maturity is reached when fruit pressures are between 3-4 pounds. When sampling fruit for maturity testing, look for late season pests – especially **brown rot**, rust, and mites.

On average, fruit pressures generally drop 1-2 pounds per week, while sugars increase about 2% per week. Using a 1.5 pound pressure drop per week, the softest block in this survey would be at 3.5 pounds pressure by next Thursday, August 13. The highest-pressure blocks that I checked that this week -- currently around 6.5 pounds -- should reach 3.5 average pressure by August 20.

Cooler weather results in a relatively rapid pressure drop, while hot weather slows the rate of fruit softening. Long-term weather forecasts (<http://www.accuweather.com>) suggest warm to hot weather for the next two weeks. Highs are predicted in the lower 90's to low 100's. Lows are predicted to range from 60-67°F.

When planning harvest timing, growers must balance fruit sugar, fruit firmness, equipment availability and dryer space to maximize their income while delivering a high quality product.