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Calendar

For a listing of industry events and dates for the coming year, please visit:
<http://www.californiaavocadogrowers.com/commission/industry-calendar>

Avocado Production Course for New Growers

The University of California Cooperative Extension (UCCE) is offering a six-week Avocado Production Course for New Growers. Two field trips will be included as part of the course; the dates and locations for those trips will be announced at a later date. Registration required. [More information here.](#)

November 5 & 12

November 5 & 12

Time: 1:00 p.m. – 3:00 p.m.

Location: San Diego County Farm Bureau, 420 South Broadway, Escondido, CA

San Diego Farm and Nursery Expo

The San Diego County Farm Bureau's fifth annual Farm and Nursery Expo is a free event that features agriculture vendors, the latest technologies and equipment, and a series of seminars. Registration required. [More information here.](#)

November 6

November 6

Time: 9:00 a.m. – 4:00 p.m.

Location: California Center for the Arts, 340 N. Escondido Blvd, Escondido, CA

CAC Board Meeting

November 21

November 21

Time: TBD

Location: CAC Board Room, 12 Mauchly, Suite L, Irvine, CA

Third Annual Organic Grower Summit

The Third Annual Organic Grower Summit is designed for organic growers, producers and processors and includes educational sessions, keynote presentations, a trade show floor and networking events. Registration required. [More information here.](#)

December 4 & 5

December 4

Time: 6:30 a.m. – 9:30 p.m.

Location: Monterey Conference Center, 1 Portola Place, Monterey, CA

December 5

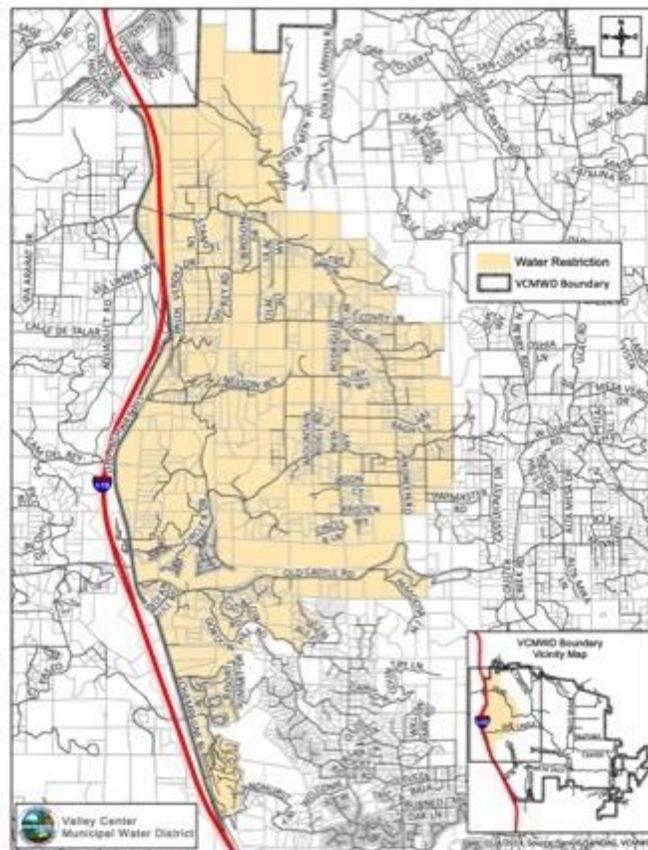
Time: 6:30 a.m. – 4:00 p.m.

Location: Monterey Conference Center, 1 Portola Place, Monterey, CA

One-week Shutdown Announced for Valley Center Municipal Water District

In order to complete repairs from a leak in September, the San Diego County Water Authority will [temporarily shut down the aqueduct](#) that delivers water to the western portion of the Valley Center Municipal Water District. The shutdown is tentatively scheduled to begin on November 4 and estimated to last about 7 days.

The district is requesting that customers within the affected area refrain from all outdoor water use, including agricultural use, during this shutdown period. Growers are advised to turn off all irrigation timers and pre-water their groves prior to the start of the restriction period on November 3. A map of the affected areas can be found [online](#) or below this article.



The western portion of the Valley Center Municipal Water District will experience an emergency water aqueduct shutdown for an approximate seven-day time period.

SWEEP Applications Now Being Accepted and SWEEP Assistance Workshops Available

The California Department of Food and Agriculture (CDFA) is now accepting applications for the State Water Efficiency and Enhancement Program (SWEEP). Applications are due December 16, 2019 at 5:00 p.m.

SWEEP provides up to \$100,000 for practices that improve water use efficiency and reduce energy used for water management. The grants can be used for projects such as:

- Installing more efficient irrigation systems
- Replacing pumps that use fossil fuels with those that use renewable energy sources (e.g., solar pumps)
- Retrofitting pumps
- Utilizing tools such as moisture sensors, flow meters, weather stations, automatic shut off valves
- Adding variable frequency drives
- Converting water delivery pipes to reduce friction losses
- Applying mulch
- Irrigation management training

The CDFA is hosting free workshops to provide information and assistance concerning the SWEEP grant application process.

Local technical assistance providers also are available to provide assistance. A list of those providers is available [online](#).

In addition, technical assistance providers are holding SWEEP workshops across the state. A complete list of Technical Assistance Providers' Workshops is available [online](#). Below is a list of SWEEP workshops near California avocado growing regions.

November 4, 2019

2:00 — 4:00 p.m.

UCCE Office, California Conference Room
669 County Square Drive
Ventura, CA 93003

November 4, 2019

10:00 a.m. — 12:00 p.m.

Cachuma Resource Conservation District
920 East Stowell Road
Santa Maria, CA 93454

Spanish translation will be available

November 15, 2019

10:00 a.m. — 12:00 p.m.

San Diego County Farm Bureau
420 S. Broadway
Escondido, CA 92025

Explanations for Unusual and Blemished Fruit in Avocado Groves

In a recent [blog post](#), Dr. Ben Faber has created a brief catalog (including photos) of unusually shaped and/or blemished avocados that may be seen in California avocado groves. Below are highlights from his blog.

- **Crick-side fruit** — usually found on trees with a heavy load of fruit, this fruit exhibits a depression on one side near the stem area. In some cases, the fruit blackens in the depressed area and drops; in others, the fruit remains on the tree.
- **Carapace spot** — skin of the fruit is cracked in angular divisions, but the flesh of the fruit remains undamaged. This typically occurs when fruit is exposed to high winds.
- **Sunblotch** — Yellow or red streaking of fruit caused by a viroid.
- **Sunburn** — Pale yellowish area on the side of fruit exposed to the sun and caused by defoliation.
- **Ring neck** — a ring of tissue on the stem, just above where it attaches to the fruit, that turns black and peels off. This can result in smaller fruit if the condition restricts the movement of nutrients and water to the fruit.
- **Embossment** — Raised and discolored (darker or lighter) portion on the skin of fruit (usually Fuertes).
- **Healed over damage** — scar on the exterior of fruit where the skin grows over mild damage
- **Cuke** — seedless fruit
- **Double fruit** — normal fruit with a cuke attached to it or a double ovary with two fruit attached
- **Woody** — fruit forms into a woody structure that barely resembles an avocado (genetic condition that is not transmissible)

Third Annual Organic Grower Summit

The [Third Annual Organic Grower Summit](#) will take place December 4 – 5 and include educational sessions, keynote presentations, a trade show floor and networking events. The summit will take place at the Monterey Conference Center located at 1 Portola Place, Monterey, CA.

The “Real Talk with Ag Tech Disruption Leaders” educational program will include TedTalk-style presentations by founders and CEOs of five of the nation’s most progressive ag tech companies. The educational program will be divided into two sessions. The first session will focus on the increasing use of precision and automated technology to help growers improve yield while protecting the soil and ecosystem. The second portion will focus on new technologies that help boost sustainability for growers and the planet. The presenters are as follows:

- Christine Mosley, CEO/Founder, Full Harvest
- Sebastien Boyer, CEO/Co-Founder, Farm Wise
- Aidan Mouat, CEO/Co-Founder, Hazel Technologies
- Diane Wu, CEO/Co-Founder, Trace Genomics
- Kaben Smallwood, CEO/Co-Founder, Symbiotic Aquaponics

Keynote presentations will be delivered by:

- Kat Taylor, co-Founder and CEO of Beneficial State Bank, and founding Director of TomKat Ranch Educational Foundation
- Amy Ansel, co-founder of Titan Bioplastics
- David Perry, President and CEO of Indigo Ag

A series of educational sessions will include the following topics:

- What's Next in Organic Plant Health?
- Strategies to Reduce Risk through Organic Soil Health Practices
- Organic Farming in the Era of FSMA
- Organic Sales Data Dive

A complete [schedule](#) can be found online. Online [registration](#) for the summit is now available.

Commission Joins 80,000 California Avocado Fans at Festival

For three days in October, the town of Carpinteria played host to more than 80,000 California avocado fans at its 33rd annual California Avocado Festival. California Avocado Commission (CAC) staff and volunteers were on hand to share nutrition information and California avocado-branded recipe booklets, avocado cutters, bumper stickers and magnets with attendees. In addition, California avocado growers were available to answer the questions of backyard growers and provide general information about the growing process to curious fans.

To increase its visibility at the festival, the Commission served as a silver sponsor and had the opportunity to showcase the California Avocados brand logo on the festival website, signage and event handout.

The festival also featured an AvoExpo tent with California avocado agricultural and historical photos, lessons in avocado grafting, FFA-restored antique tractors and the Largest Avocado Contest.



CAC Board Member Gary Caloroso, California avocado grower Trish Shade and David Cruz handing out recipe booklets, avocado cutters and other materials to the festival attendees.

California Market Trends

To view all market trend graphs, including “Weekly Volume Summary,” “Weekly Avocado Prices” and “U.S. Avocado Supply,” please visit: <http://www.californiaavocadogrowers.com/industry/market-statistics>.

California Avocado Society Weekly Newslines* Avocado Prices – October 30, 2019

	Conventional #1	Organic #1
California Hass	(Field Price Per Lb)	(Field Price Per Lb)
#32's		
36's		
40's		
48's	Insufficient Volume to Quote	
60's		
70's		
84's		

*To subscribe to the Weekly Newslines, please contact the California Avocado Society at (949) 940-8869 or www.CaliforniaAvocadoSociety.org.

California Avocado Commission Weekly Volume Summary (Pounds)

	Week Ending 10/31/2019	Season-to-Date (since 11/01/2018)	2019 Year to Date
Hass	0	198,949,439	198,552,471
Lamb	0	11,971,728	11,499,336
Other (Greens)	0	691,620	476,565
California Total	0	211,612,787	210,528,372
Florida	1,159,730	41,693,135	36,826,020
Chile	1,336,728	48,435,375	26,088,613
Mexico	47,098,044	2,091,416,826	1,735,063,062
Peru	0	184,344,980	184,344,980
Other (Imports)	1,440,000	43,520,000	33,810,000
Import Total	49,874,772	2,367,717,181	1,979,306,655
USA Total	51,034,502	2,621,023,103	2,226,661,047

Sources:

California = CAC (AMRIC)

Florida = Florida Avocado Admin Committee

Chile = Comité de Paltas, Chile

Mexico = APEAM

Peru = ProHass

Other Imports = USDA AMS website

Crop Statistics

The 2018-19 California avocado season has wrapped up harvest at approximately 215 million pounds, 40 million pounds over pre-season estimates and just 3 million pounds shy of the May 2019 mid-season grower estimate. Very early 2019-20 California crop estimates have come in between 370-377 million pounds, however CAC's official estimate will not be released until the final pre-season handler survey has been conducted in December 2019.

Weather: 30-Day Outlook For California's Coastal & Valley Areas

(October 29 – November 29)

Summary- A mostly dry autumnal NW flow aloft continues up to Nov 6th. High pressure will tend to focus near the California coast and maintain the dry N-NE flow aloft, with weak fronts. Troughing will continue near and off the Pacific Northwest coast.

Warm sea surface temperatures west of California will tend to maintain warm days but cold nights during this period for the most part. There is some support for a few rains in N California about Nov 6th, then more rains from the 11th through mid Nov.

Nov appears to have a better chance than normal for high pressure aloft cyclolytic or frontolytic behavior and some recurrent offshore flow. Cutoff lows will tend to focus near Baja California and SOCAL.

Outlook maps (monthly time scale) for Nov and Dec currently suggest below normal rainfall for central California in Nov with continued warmer than normal conditions. In Dec, above normal rainfall is suggested by both CFSv2 and NMME models for the northern half of California. Some above normal rainfall may reach into Santa Barbara and Ventura Counties in SOCAL.

In the Near Term – Nov. 2-16... Salinas Valley-San Luis Obispo Co...A mostly dry, partly cloudy and cooler spell occurs on Oct 30th and Nov 1st. A period of dry downslope winds is possible about the 5th in Monterey Co and the Sierra west slope. Clouds with a few areas of drizzle occur on the 6-7th. A better chance for rains is indicated during the 12-15th from separate fronts.

In the southern California avocado growing areas, from San Luis Obispo south, dry downslope flow is indicated during Oct 31st - Nov 4. Cooler with increased marine influence occurs Nov 5-7th. There is a chance for some clouds and a few showers about the 12-15th. We have already seen frosts from an unusually cold airmass coming south from Washington State on Oct 29th and possibly the 30th or 31st. It will be warmer during the first week of Nov, so frosts are less likely as the airmass shifts from a cold northerly Santa Ana to dry W flow aloft.

Summary – November 16-30... The general synopsis for Northern, Central and Southern California is that the jet stream will become more active briefly from Nov 12-17th with showers about the 16-17th in N and Central California. After the dry frontal passage about the 17th, Santa Ana winds are more likely during the 19-25th.

Seasonal Outlook / El Niño Update... December 1 – January 31... We continue to see support for a return of Santa Ana winds in late Nov, then rains finally develop in the first couple of weeks of Dec, first in N and central California. Near normal rainfall amounts for Dec are suggested currently for SOCAL. The pattern turns dry again in January for coast and valley areas and coastal mountains in California. The SierraNV appear to receive near normal precipitation, mostly in the form of snow.

For southern California, cutoff lows developing off SOCAL in the first part of Dec may include some support for higher risk of local heavy rains in Dec for SOCAL.

Alan Fox...Fox Weather, LLC

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