Between the Furrows

A Santa Cruz County Farm Bureau Monthly Publication

JANUARY 2018 VOLUME 42, ISSUE 1

INSIDE this issue

- 3 Ask Laura

 Vertebrate Control In Row

 Crops
- 4 Water Nanny
 The Nitrate Narrative
- 5 Recipe
 Pear Cranberry Crumble
 with Cardamom Whip

12 Calendar



Follow Us on Twitter



Between The Furrows is a monthly publication of the SCCFB.

Members receive a subscription as part of their membership investment.

Mary Walter, Editor Jess Brown, Managing Editor

141 Monte Vista Avenue Watsonville, California 95076. (831) 724-1356 or (831) 763-4450 Fax: (831) 724-5821 Email: sccfb@sbcglobal.net Web: http://www.sccfb.com

Awards Received At Annual Meeting



(L-R) Tom Broz, President and 1st Vice President, Brendan Miele, our delegates at the CFBF Annual Meeting.

delegation of five members of the Santa Cruz County Farm Bureau attended the 99th California Farm Bureau Federation (CFBF) Annual Meeting in Garden Grove, CA, in December. The Santa Cruz County delegation included **Thomas Broz**, President; **Brendan Miele**, 1st Vice-President; **David Van Lennep**, Past President and **Nita Gizdich**, Director;

100 ACTIVITIES
FOR THE COMMUNITY
TO BO IN AGRICULTURE

President Tom Broz mans the Innovator Award Booth

and **Jess Brown**, Executive Director.

Santa Cruz
County was
chosen as
one of five
counties
statewide to
compete for
the Innovator
Award. It was

also a finalist for the County of the Year Award. The organization was given awards for their work in membership, policy implementation, leadership, ag education and public relations.

New state officers were elected during the meeting. They were **Jamie Johansson** of Oroville, President **Shannon Douglass** of Orland, 1st Vice-President and **Shaun Crook**

of Sonora, 2nd Vice-President.

On the right is a caricature drawing of Nita Gizdich of Gizdich Ranch, which was done during the CFBF Annual Meeting in December. A fun picture we just had to share!



President's Message 🛴

THOMAS BROZ, PRESIDENT

Join SCCFB in 2018

We Can All Participate In The Well-Being Of Our County's Agriculture

ast month, on our way down I-5 to attend California Farm Bureau ■Federation's (CFBF) annual meeting in Anaheim, Nita Gizdich and I noticed numerous signs posted along the highway next to fields left fallow and dry. Most of the signs remind travelers about the vital link between water, food, farms, and the livelihood of all who work in agriculture. Among today's predominantly urban population the food being consumed does not necessarily translate into an understanding of that basic relationship. Something which seems obvious to those involved in agriculture, is misunderstood or misinterpreted by many in our community.

Often to the point that farmers and their farms are viewed as problems, while forgetting about their critical role of food, stewarding growing the land and contributing to the economic well being their communities. seems increasingly difficult for agriculture to be heard. Today, more and more farms seem to be pushed to the tipping point dealing with a myriad of issues, from reduced water allocations, shortage of farm labor, lack of affordable housing, diminished ag-land protection, climate and weather extremes and an increasingly complex regulatory environment.

Here is where Santa Cruz County Farm Bureau's advocacy as an agricultural grassroots organization plays an important role. Its success over the last 100 years is attributable to its commitment to ensure that agricultural interests are represented, the industry stays competitive and the fertile rich land is protected from development. Santa Cruz County Farm Bureau has been a leader in developing innovative educational programs, hosting events and actively advocating for the agricultural values and interests that define and enhance the unique agrarian character of our County.

In 2018, it is our goal to expand our membership. We not only represent a diversity of farmers and ranchers, but recognize the importance for everyone with food and farming interests to join our

President's Message - Continued on Page 5



Services

License #0436405

Servicing the Agricultural Community Since 1924



783 Rio Del Mar Blvd., Suite 7 Aptos, CA 95003 (831) 661-5697 www.scurichinsurance.com



SSS



2017/2018 BOARD OF DIRECTORS

OFFICERS

THOMAS BROZ
PRESIDENT,
STATE DELEGATE, ORGANIC VEGETABLES

BRENDAN MIELE FIRST VICE-PRESIDENT, STATE DELEGATE, HERBS

ARNETT YOUNG SECOND VICE-PRESIDENT, ALTERNATE STATE DELEGATE VEGETABLES

DAVID VAN LENNEP
PAST PRESIDENT,
ALTERNATE STATE DELEGATE, TIMBER

DIRECTORS
GORDON CLAASSEN, Cattle
JOHN E. EISKAMP Berries
FRANK ESTRADA Cattle & Timber
NITA GIZDICH Apples
MIKE JANI Timber
CYNTHIA MATHIESEN Berries
PETER NAVARRO Berries
DICK PEIXOTO Organic Vegetables
JOHN PISTURINO Cattle
GERI PREVEDELLI-LATHROP Apples
BRIE REITER SMITH Berries
JJ SCURICH Berries
ADRIANA SILVA Organic Vegetables
DENNIS WEBB Timber

EX-OFFICIO
JUAN HIDALGO
Ag Commissioner
ANDREW GENASCI
CFBF Field Representative
LAURA TOURTE
UCCE Farm Advisor
JAN GARROD
CFBF Director, District 10

STAFF JESS BROWN

Executive Director

MATTHEW GIANELLI

Assistant to the Executive Director

DEBBIE SOARESBookkeeper

ROGER MARIN

Program Coordinator

MARY WALTER
Newsletter Editor



Vertebrate Control In Row Crops

What resources do you have for vertebrate control in row crops?

There are several online resources available to you, from UC's Division of Agriculture and Natural Resources.

1. Integrated Pest Management

Website has information on a wide variety of vertebrate pests – birds, mammals and reptiles – including biology, identification and management.

http://ipm.ucanr.edu/PMG/menu.
vertebrate.html

2. Best Management Practices for Ground Squirrels

http://www.groundsquirrelbmp.com/ id.html

Includes information on biology and identification, with detailed information on management, visual "how to's" and protecting wildlife. Other resources and links are also included.

3. UC Cooperative Extension Vertebrate Pest Management

Roger Baldwin, UC Cooperative Extension Specialist Online Resources

http://baldwin.ucdavis.edu/extension/

Vertebrate Pest Management Presentation: Focus is on pest management in pistachio, but the presentation has good information that is relevant for row crops as well.

http://fruitsandnuts.ucdavis.edu/files/74190.pdf

Another resource that has valuable information for you is the Vertebrate Pest Control Research and Advisory Committee, which can be accessed at http://vpcrac.org/.

The committee is administered by the California Department of Food and Agriculture and is made up of representatives from various aspects of agriculture in the state. The mission is to support research and investigations on effective alternative management materials for vertebrate pests and cooperate with various agencies working in vertebrate control. Scientific research results can be found on this website. It also has a lengthy vertebrate pest management handbook.

http://vpcrac.org/about/vertebrate-pest-handbook/

Please feel free to contact our office with any other questions you may have.



"Be at war with your vices, at peace with your neighbors, and let every new year find you a better man."

Benjamin Franklin



The Nitrate Narrative

ue the ethereal music; tonight's TWILIGHT ZONE, staring, written and directed by the State Water Board is a stunning and complex tale about how the State Water Board, the patriarch, and matriarch (it's California) of the 11 Regional Water Boards tries to compel its unruly offspring to line up and manage agricultural practices through draconian regulations and record keeping nightmares. Now, please, sit back and enjoy the mayhem.

A mere two months ago I railed on about the new 21st Century theorem proposed by the State Board, the A/R ratio, measuring the difference between the amount of nitrate (N) fertilizer applied (A) to a crop and the amount removed at harvest (R). Let's for a minute let our imaginations wander and believe that this is a feasible formula. The proposed regulations map out how it is to be applied. Maybe we should seek out the consequences of this mandate.

First of all there is a third N number we need to know, even if the regulators don't, for it determines if the plant is thriving, and that is the N uptake, the amount of N the plant accumulates during the crop cycle. This N is contained throughout the plant in roots, trunk, leaves and fruit. If one only considers the A and R and assumes the remainder (A-R) slowly seeps into groundwater, which is only partly the case, it is easy to see why some call for an A/R ratio close to 1, i.e. 2/1.8=1.11. This is not possible in this world. For example (these numbers are from the Central Coast Regional Board staff) the average N applied to strawberries is around 300 lbs. N per acre with a harvest R of 96 lbs./ac, for a ratio of 3.125. Could be better, until we consider that the plant uptake averages 230 lbs. So the best ratio, assuming 100% plant



uptake is 2.7. This is not to say that growers can't do better, some strawberry farmers apply over 400 lbs./ac, but the whole math thing can get out of hand if agronomic needs are not considered.

Act 2: As we return from commercials let's consider another surreal regulatory metric, the three year A/R average. If I grow vintage wine grapes measuring my fertilizer usage over multiple years calculating an average makes sense as it evens out unusual weather etc. My farm has the same plants, in the same place each year. On the other hand using a 3

year average makes no sense if my plantings of vegetables migrate around the field, or region, every year. It is meaningless to compare lettuce grown in a rotation one year with the next as there are too many variables to make the data significant. The same is true for a typical strawberry rotation, or the vegetables following the strawberries. It isn't even reasonable if I only farm one ranch, with multiple blocks, when there are intervening plantings of other vegetables throughout the year.



Act 3: Organic farms are at a structural disadvantage when using the A/R method to compare their harvest with similar conventional crops. From a scientific view, doing otherwise would be inconsistent with the objective of measuring N remaining that could percolate into groundwater. However, again using the strawberry hypothesis, an organic strawberry farmer may get only 60% of the yield of a conventional grower. The organic grower may even apply more fertilizer, as the N is not as readily available as conventionally. So if the conventional farmer's harvest contains 96lbs of N in the harvested berries, the organic grower only has 58lbs/ac N harvested, for an A/R ratio of 5.17. As you may recall from prior articles, farmers will be graded on a curve with those getting the highest ratios the lowest grades, those branded outliers. Don't brand all organic farmers outliers, invidious discrimination is too tragic.

Tune in next month for another exciting episode. Which brings us to on old favorite, Mark Twain who penned: "There are three kinds of lies: lies, damned lies, and statistics."





FAVORITE RECIPES

Pear Cranberry Crumble with Cardamom Whip

The perfect dessert for a damp evening when that chill in the air tells you winter is here. If you time it right, you will be pulling this dish hot from the oven just as you finish your supper. Scoop up a bowlful and top it with a big dollop of spiced whipped cream. A couple of mouthfuls in and I promise you will have forgotten all about the colder months ahead.

FRUIT

6 large pears (Bosc or Bartlett), peeled, cored and cut in half-inch cubes

1 1/2 cups fresh cranberries

1/2 cup dark brown sugar

1/4 cup water

2 tablespoons lemon juice

1 tablespoon ground cinnamon

Zest of 1 lemon

CRUMBLE TOPPING

1 1/2 cups all-purpose flour

1/4 cup dark brown sugar

1/2 cup butter, chilled and cut into one-inch pieces

CARDAMOM WHIP

2 cups heavy cream cup granulated sugar

1 teaspoon ground cardamom

2 teaspoons pure vanilla

- 1. Preheat the oven to 350°F.
- 2. In a large bowl, combine the chopped pears, cranberries, 1/2 cup sugar, water, lemon juice, cinnamon and lemon zest. Use a wooden spoon or your hands to stir and coat all the fruit with the brown sugar mixture. Place the coated fruit in a buttered 9" x 13" baking dish.
- 3. For the crumble topping, in a medium bowl, combine the flour and 3/4 cup sugar. Use a pastry cutter or two knives to cut in the chilled butter until large, buttery crumbs are formed. Sprinkle the crumble topping across the top of the fruit.
- 4. Bake for 50 to 60 minutes, or until the juice from the fruit is bubbling up through the crumble topping.
- 5. Meanwhile, prepare the Cardamom Whip. In a stand mixer fitted with a whisk attachment, whip the cream, sugar. cardamom and vanilla on high speed until soft peaks form. Be careful not to look away, as a minute too long and you will be spreading cardamom butter on your toast tomorrow morning.
- 6. Remove the crumble from the oven and prepare to serve with spoonfuls of the Cardamom Whip.

SERVES 8

President's Message

Continued from Page 2

organization and participate in our mission to advocate for and continue to protect the county's diverse agricultural industry and ensure that it continues to be successful and sustainable for future generations.

Nothing confirmed that more than when I returned home from attending the annual CFBF meeting in Orange County.

The moment I started descending Hwy. 152 into Watsonville, I was happy not to see a congested, smoke filled, urban jungle, but a beautiful agricultural landscape with its checkered fields extending from the lush, green forested hills and mountains, all the way to the ocean at the edge of the Monterey Bay. I can't imagine anyone, farmer or otherwise, who wouldn't want to protect such a rich agricultural treasure.



LAURA DANIEL BROWN



aura Daniel Brown of Aptos, who was an active community member and local government administrator, passed away on December 23rd.

Laura was raised on a ranch in Moreno Valley, California. She learned to operate a vehicle by driving her family's tanker truck to the bulk water station when the ranch wells went dry. Ironically,

the highlight of her long career in public service was as General Manager of Soquel Creek Water District from 1995 – 2012. Among her many accomplishments in that role were a state recognized conservation program, a well master plan and collaborative efforts with other agencies to address the county's water issues.

Laura's youth included wonderful memories of time with her grandmother at Newport Beach, playing the flute and piccolo in the school band, and being active in 4-H. Her favorite 4-H project was raising sheep. Each spring, she would take in orphaned lambs from a local shepherd and raise them on a bottle. She met her husband, Jess, at 4-H camp when they were 9 years old. They shared many fond memories of summer camp in the San Bernardino Mountains (where they were eventually counselors together) and showing livestock at the Riverside County Fair. Laura attended the University of Southern California and often joked that after meeting the rich city boys, she fell in love with the hog farmer who was her best friend.

Laura found her calling of public service after her junior year in high school when she was selected to shadow the local Congressman in Washington, D.C. The following year, she was one of only two in the nation to win the Washington Crossing Foundation Scholarship for students pursuing careers in public service. The scholarship included a trip to the foundation's headquarters outside Philadelphia each year until she graduated from the university. The mentorship she received from the trustees of the Washington Crossing Foundation, particularly the founder, Ann Hawkes Hutton, greatly shaped Laura's ideals of patriotism and government service as a selfless, honorable and highly rewarding career.

Immediately following their marriage, Laura and Jess moved to Santa Cruz County. Laura began her career here with the City of Santa Cruz. She had the distinction of being the first woman in every position she ever held starting with Administrative Analyst in the Public Works Department, followed by Assistant to the City Manager, Personnel Director and six years as Assistant City Manager. Laura left the City of Santa Cruz in 1991 to take the position of Assistant City Manager of Monterey. In 1995, she returned to Santa Cruz County to take the helm of Soquel Creek Water District. She discovered her passion in water and, following her retirement, became a consultant with HydroMetrics Water Resources Inc., working with water agencies on groundwater management and policy issues.

Laura also volunteered in the community by serving on the Community Board of the Palo Alto Medical Foundation Santa Cruz since 2004 and representing that board on the Mills Peninsula Health Services Board and most recently on the Peninsula Coastal Regional Board of Sutter Health. She also was active in the Aptos Chamber of Commerce and served as president in 2013. She was recognized for her professional and community contributions by being named Woman of the Year by the Aptos Chamber of Commerce in 2003.

Laura and Jess shared a love of Zimbabwe, Africa and the arts. After Jess had lived with a family in rural Zimbabwe while performing volunteer work, he and Laura became the sponsors of three siblings, Thelma, Trever and Chaka Jr. Chibweza. Since 2000, the Browns saw to the Chibweza's education and well-being, making several trips to Africa to assist them. When Thelma was accepted into university in Australia, Laura assumed the role of Mom to a young woman experiencing the challenges of a whole new world and college life. Eventually, Trever joined his sister in Darwin, Australia, and also looked to Laura for guidance. The three Chibweza siblings brought tremendous pride, joy and love to Laura, and she adored them.

Laura defied the odds by leading a high quality and productive life after being diagnosed in early 2012 with a particularly aggressive and incurable form of cancer. She was admired for her inner strength, positive attitude and spirituality. At the beginning of this five-year journey, Laura was so grateful for being named Woman of the Year by the

By Juan Hidalgo, Agricultural Commissioner, Sealer of Weights and Measures

Santa Cruz Area Chamber of Commerce. To Georgeann Cowles Eiskamp and Watsonville Rotary, thank you for presenting the Rotary Foundation's Paul Harris Fellow recognition to her and Jess. To the students of Aptos High School, thank you for fulfilling Jess' request by allowing Laura to experience a Prom, and above all, a surprise selection as 2012 Prom Queen. At the end of this five-year journey, a special thank you goes to Hospice of Santa Cruz County, Myra Smith Home Health Care, special friend Emma Solden and sister-in-law, Bonnie Fernandez-Fenaroli.

Laura is survived by her husband and soul mate, Jess, her mother Rachelann Daniel of Aptos, CA, her brother Scott Daniel and his wife Susan of Houston, TX, Thelma Chibweza White, her husband James White and son Jordan James Rufaro White of Perth, Australia, Trever Chibweza also of Darwin, Australia, and Chaka Chibweza, Jr. of Chegutu, Zimbabwe.

There was a private service for family. A celebration of her life will be held later in the spring for friends. In memoriam contributions may be sent to the Washington Crossing Foundation, West Coast Scholars, Post Office Box 500, Bristol, PA 19007 or a local new scholarship (see below).



Bontadelli Family Establishes the Laura Daniel Brown Memorial Scholarship

The Bontadelli Family has donated \$5,000 to start a Laura Daniel Brown Memorial Scholarship. This scholarship will be administered by the organization Agri-Culture. In order for the scholarship to be endowed at the Community Foundation, \$25,000 needs to be raised. Steve Bontadelli stated, "Laura has been a strong supporter of Agri-Culture and Farm Bureau, their programs, events, and local agriculture in general, for many years." He further stated, "Any and all donations to make this an endowed scholarship to honor Laura would be wonderful".

Contributions may be sent to: Agri-Culture, 141 Monte Vista Avenue, Watsonville, CA 95076. For more information, please contact the office at (831) 722-6622.

GET COUNTED!



ou may be in receipt of the 2017 Census of Agriculture sent by the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS). The census is sent every five years to agricultural producers nationwide. Information collected by completing the questionnaire provides an update

of agriculture in the U.S. and the gathered data is used by several agencies and policymakers to make decisions regarding farm assistance and other programs impacting agriculture nationwide. The census provides growers an opportunity to show the nation the value and importance of agriculture and can help to influence the shape of agriculture in the future. The census is being mailed to farming operations of all sizes that sold over \$1,000 in agricultural products in 2017. The census gathers information regarding land use and ownership, operator characteristics, production practices, income and expenditures. NASS carefully evaluates the questionnaire to address issues of current relevance in our nation and to track trends. For example, this year's census includes questions about military veterans on farms and questions about decisions beginning farmers and women farmers make to run their operations.

Provide information about your farming operation with confidence. The information you provide to NASS is strictly confidential and is protected from Freedom of Information Act requests. Only authorized NASS employees have access to the data for official purposes only. Any statistical data published by the agency does not disclose individual data. You have the option of completing the questionnaire you received in the mail or you can respond online at www.agcounts.usda.gov

The deadline to respond to the census is February 5, 2018. Results are expected to be published by the agency in February 2019. For more information about the 2017 Census of Agriculture or to access census data from previous years, visit www.agcensus.usda.gov

If you need to speak with someone regarding the census you can call (800) 727-9540.

By Alan Smith, Attorney at Law Grunsky, Ebey, Farrar and Howell

Audio And Video Of Federal Court Hearings Now Available On The World Wide Web



here are many US constitutional issues being litigated in federal courts now. We hear about them on television, radio and YouTube. We read about them on blogs, social media and newspapers.

The spending power and the power to impeach are in Article 1, the spending

clause and the foreign emoluments clause in Article 2, the lifetime appointment of federal judges in Article 3, the checks and balances and the separation of powers among the executive, legislative and judicial branches in Articles 1, 2 and 3.

Also in the news and the courts are the 1st amendment's religious freedom, establishment clause and freedom of the press and assembly, the 2nd Amendment's right to bear arms, the 4th Amendment's protection from unreasonable search and seizure; the 5th Amendment's right to due process, the 10th amendment's rights reserved to the states, the 14th Amendment's right to equal protection, the 15th Amendment's protection of voting rights and the 25th amendment's succession to and disability of the President. It's not always easy to access original sources to know what is really going on. But it is much easier than it used to be because of recent changes in federal court procedures.

Chief Justice Robert's, during his confirmation hearings in 2005, said he would always remember that it was his job "to call balls and strikes and not to pitch or bat." But it's up to us as citizens to observe the game and make our own bets. One way to do that is to listen to and/or read original materials. The US Supreme Court and the US Circuit Courts of Appeal have over time loosened their rules about public access to the their proceedings, briefs and hearings.

The US Supreme Court does not allow live audio or video of its oral arguments. Until two weeks ago, the lawyers' written arguments were not easily available either. An October 2, 2017 letter written on behalf of the Chief Justice responding to congressional request to allow live audio of the arguments in Gill v. Whitford (the Wisconsin gerrymandering case argued on October 3) indicates the US Supreme Court will not

soon allow live audio or video recording of its proceedings. The letter said there were "concerns surrounding the live broadcast or streaming of oral arguments, which could adversely affect the character and quality of the dialogue between the attorneys and justices."

However, there is a lot of valuable material available. The Court does post its written opinions on line at the same time they are announced by the Court at https://www.supremecourt.gov/opinions/opinions.aspx. It also posts transcripts of oral arguments soon after. This is a wonderful free online resource which can be found here. https://www.supremecourt.gov/oral_arguments/argument_audio/2017. The public may either download the audio files for listening or listen to the recordings in their browser on the Court's website. Extremely good quality audio recordings can be found in MP2, Windows Media and RealAudio all the way back to 2010. The audio recordings are listed by case name, docket number, and the date of oral argument.

In addition, the US Supreme Court's just started a new electronic filing system which went into operation on November 13. Most documents such as briefs (written arguments) in a US Supreme Court case will be made available on the Court's public docket free of charge at or soon after the time they are filed.

Some US Courts of Appeal do allow live audio and/or video of oral argument. At least 2 of 13 U.S. Courts of Appeals (the appellate courts right below the U.S. Supreme Court and right above the US District trial courts) allow live audio and video including our own 9th Circuit Court of Appeals which covers all of California and all the Western United States.

The recent emergency hearing in the case of State of Washington, et. al. v. Donald J. Trump, et. al Case No. 17-351050 on whether to reinstate President Trump's travel ban was conducted entirely by telephone conference call. Three Ninth Circuit judges listened from their offices to arguments from attorneys in different states. The February 7th emergency hearing was an historic breakthrough for courtroom technology. Anyone could listen to the arguments through the live audio stream.. Arguments in Federal court hearings are rarely heard outside the courtroom, much less

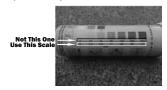
Legally Speaking - Continued on Page 9

Written by Gerry Spinelli, Resource Conservation District of Santa Cruz County

How To Estimate The Pounds Of Nitrogen Your Irrigation Water Provides To Your Crop

his guide provides directions for measuring the concentration of nitrogen in irrigation water with a nitrate quick test strip and will help you estimate the contribution of irrigation water to your crop nitrogen balance. For a more accurate calculation, we recommend more advanced techniques (Lab nitrogen tests, CropManage, etc.). Nitrate test strips can be provided for free by the RCD of Santa Cruz County: (831) 464-2950, info@rcdsantacruz.org

- 1. Collect a water sample from the well and dip two strips in the water. Shake off excess water and wait one minute
- 2. If the color of both strips is the same, proceed to the next step. If the strips are different colors, throw them away and repeat step 1.



3. Compare the square at the top of the strips with the lower scale (NO₃-N) on the test strip container. If the color is between two numbers, estimate visually the concentration. For example, if the color is between 11 and 23, a good estimate would be 17. This gives you the concentration of nitrogen in the irrigation water, expressed in ppm of NO₃-N.



4. In the table below, find the closest row corresponding to your sample. Pick the column corresponding to the amount of water applied to your crop. For example, if your nitrogen sample is 10 ppm NO₃-N and in the month of July you applied 4 inch of irrigation water, the contribution of the irrigation water was 9 pounds of nitrogen.

If you do not know how much water you apply, you can use the last four columns of the table to estimate the nitrogen contribution of the irrigation water for one growingcycle of the most common crops in our area. For example, if you grow broccoli and your water sample is 20 ppm $\rm NO_3$ -N, the irrigation water provides 91 pounds of nitrogen during the entire cycle.

For a direct measurement of irrigation water applied contact the RCD!

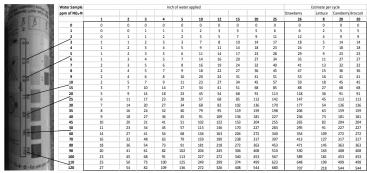


Table 1. Total pounds of nitrogen provided by irrigation water based on different NO3-N concentrations and amounts of water applied

Legally Speaking

Continued from Page 8

in real-time. But on February 7th, at least 136,000 people were able to listen to the live audio stream of the hearing on the Court's YouTube channel. The audio of that telephonic hearing can still be found here. https://www.ca9.uscourts.gov/media/view.php?pk_id=0000016805. Here is a link to the 9th Circuit Facebook page with audio and video of recent hearings. https://www.youtube.com/user/9thcirc/videos..

One case you can find there is the November 17, 2017 hearing of the appeal from the dismissal of an action challenging a regulation issued by the California Agricultural Labor Relations Board that allowed union organizers to access private property of agricultural employers to solicit members. Here is the audio and video link to Cedar Point Nursery v. William Gould https://www.youtube.com/watch?v=K9kyUg0GbcU

And finally, here is a link to a list of upcoming cases in the 9th circuit https://www.ca9.uscourts.gov/media/.

Agriculture, the Original Green



PAPER

Towels Tissue **Plates** Cups Bags

CHEMICALS

Hand Soaps Deodorizers Disinfectants SPA & Pool Supply

JANITORIAL **EQUIPMENT**

Vacuums Scrubbers **Buffers** Extractors Gloves

Specializing in Green Products

"We Deliver"

220 Airport Blvd Freedom, CA (831) 724-6301 (800) 272-2221



'A Family Affair

Owned & Operated By: Marina Camarlinghi Victor Sanchez

831-426-6051

CATERING

Over 20 Years

SERVICE

Experience

www.barbara-company.com

Box 4155 • Santa Cruz, CA 95063 • Fax:831-476-8645

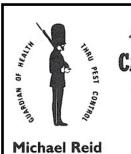
WEBBS FARM SUPPLIES

Hi-Weed, Brush Mowers and... **ROTOTILLERS • COMPOST SHREDDERS**

- CHAIN SAWS
- LOG SPLITTERS
- BLOWERS
- GENERATORS
- POST HOLE DIGGERS
- TREE CLIMBING EQUIP.

Everything in Power Equipment (408) 395-2227 • (831) 475-1020 5381 Old San Jose Road, Soquel, CA. 95073





OPR 8607

(831) 475-42 | 4 Since 1938 FAX (831) 475-1756

CARDIFF PEST CONTROL

Locally Owned - Community Involved

2701 Soquel Avenue Santa Cruz, CA 95062

QAL 32132









PACKAGING SOLUTIONS FROM OUR HANDS TO YOUR FARM

800 WALKER ST. WATSONVILLE, CA 95076 PH: 831.724.7581 WWW.SAMBRAILO.COM



MONTEREY BAY

Celebrating 35 years on the Central Coast Your Local Certified Farmers Market

> www.montereybayfarmers.org www.edibleparadise.com

For more information (831) 728-5060





Important Deadlines

FOR LEASE

10 ACRES CERTIFIED ORGANIC
FARMLAND
(EXCELLENT WATER WELL ON PROPERTY)
CASSERLY ROAD, WATSONVILLE

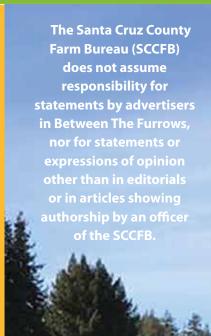
Call 831-724-8786 or 831-809-5702



The 2018 Jimmie Cox Memorial Scholarship application is now available online at www.agri-culture.us

The <u>deadline</u> for filing your application is **Wednesday**, **February 21, 2018**

February 21, 2018 is also the deadline for submitting you poster and poetry contest entries. For more information, please visit www.sccfb.com or call (831) 724-1356



MARINI AND GOLD INSURANCE AGENCY

MARTY GOLD, LUTCF CA LICENSE 0438827

WATSONVILLE OFFICE 141 Monte Vista Avenue Watsonville, CA 95076 (831) 724-7593 (831) 724-5821 Fax

SALINAS OFFICE 1368 S. Main St. Ste. A Salinas, CA 93901 (831) 754-2722 (831) 424-4761 Fax



Email: mariniandgold@jps.net www.mariniandgold.com



For advertising info and rates contact us at: (831) 724-1356 or sccfb@sbcglobal.net

141 Monte Vista Avenue Watsonville, CA 95076

FARM

BUREAU

SANTA CRUZ COUNTY

Lafeside Organic Gardens

Contennial Sponsor

JANUARY 2018 VOLUME 42, ISSUE 1 PRSRT STD U.S. Postage PAID Mailed from Zip Code 95076 Permit No.237

Change Service Requested



Like Us On Facebook



CALENDAR

MONDAY - JANUARY 15 Martin Luther King, Jr. Day Observed - Office Closed

THURSDAY - JANUARY 25 Annual Past Presidents' Luncheon

THURSDAY - JANUARY 25
Board Retreat

WEDNESDAY - FEBRUARY 7

- Legislative Committee meeting
- Executive Committee meeting
- Membership Committee meeting

MONDAY - FEBRUARY 12 Public Relations & Information Committee meeting

WEDNESDAY - FEBRUARY 14 Young Farmers & Ranchers meeting

MONDAY - FEBRUARY 19 President's Day Observed Office Closed

WEDNESDAY - FEBRUARY 21
Deadline for Jimmie Cox
Memorial Scholarship
applications, Poster and
Poetry Contest entries

THURSDAY - FEBRUARY 22 Agricultural Policy Advisory Committee meeting

THURSDAY - FEBRUARY 22 Board of Directors' meeting

