

**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE (Department)
FERTILIZER INSPECTION ADVISORY BOARD (FIAB)
DEPARTMENT OF CANNABIS CONTROL, 2750 GATEWAY OAKS DRIVE,
SACRAMENTO / HYBRID**

**June 26, 2024
9:00 AM – 12:00 PM**

MINUTES

BOARD MEMBERS

Andrew Larson
Chris Gallo
David McEuen
Gary Silveria (Vice Chair)
Greg Cunningham
Gus Olson
Jake Evans
Melissa McQueen (Chair)
William Oglesby

CDFA STAFF

Amadou Ba
Barzin Moradi
Brittnie Williams
Dale Rice
Elizabeth Moseby
Elsa Poon
Joseph Donohue
Karen Adler
Kelsey Dodd
Kris Gulliver
Leo Campos
Liam Erskine
Maria Tenorio Alfred
Mark Cady
Mia Humphreys
Minal Patel
Natalie Krout-Greenberg
Nick Young
Nicole Smith
Teresa Bowers
Zach Edmonds

INTERESTED PARTIES

Michele Jay-Russell
Renee Pinel

INTRODUCTIONS AND ANNOUNCEMENTS

Melissa McQueen, Chair, called the meeting to order at 9:04 AM and self-introductions were made.

ROLL CALL – ESTABLISH QUORUM

Roll was taken and a quorum was established.

APPROVE FEBRUARY 8, 2024, MEETING MINUTES

Chair McQueen requested the board review the minutes from the February 8, 2024, FIAB meeting.

MOTION: Jake Evans moved to approve the minutes as presented; Chris Gallo seconded. The motion passed unanimously by all board members present with a vote of 7 to 0.

DEPARTMENT / DIVISION / BRANCH UPDATES

Dr. Amadou Ba provided Department, Division, and Branch updates. Dr. Ba announced three retirements within the Fertilizing Materials Inspection Program (FMIP). Dr. Martin Burger, former Senior Environmental Scientist (SES) (Supervisory) for the FMIP registration unit, retired April 1, 2024. Patrick Barbree, former Environmental Scientist (ES), retired May 30, 2024. Mike Gingles, Special Investigator in Fresno County, will retire on August 1, 2024. Liam Erskine, ES, new hire to state service started with the FMIP on April 15, 2024. Joseph Donohue, Agricultural Aide for the Fertilizer Research and Education Program (FREP), also a new hire to state service, was appointed on June 19, 2024.

Dr. Ba informed the FIAB of the current state budget mandate to reduce program budget operational costs. An example would be an 8% reduction in operational costs to the FMIP and Organic Input Material (OIM) program. Details to come on if the percentage reduction will apply to general or industry funded programs once the Budget Act has passed. The Governor's mandate of 10,000 vacant positions could potentially be swept due to budget shortfall. Potential delays of monies may come to the Department. The \$25 million directed to the Department's Office of Environmental Farming and Innovation (OEFI) could be delayed until fiscal year (FY) 2026/27. The Division's Office of Farm to Fork, general funded program, could be impacted.

Gus Olson arrived at 9:12 a.m.

Dr. Ba presented, Senate Bill (SB) 1522, introduced by Committee on Agriculture, would revise the definition of fertilizing materials to mean any commercial fertilizer, agricultural mineral, beneficial substance, or organic input material. The bill would also define the term "beneficial substance". Assembly Bill (AB) 2902 could impact the Feed program. This bill would extend the rural jurisdiction exemption until January 1, 2037, except as provided, and would require the department collaborate with CalRecycle, which may include adoption of regulations or outreach regarding incentivization of food diversion to highest and best use. More direct impacts in the Food and Agricultural Code are the sunset extension languages pertaining to the Feed program through SB 1367. License fees now sunset every year for a five-year period.

The 2024 State of the Science Summit: Reducing Methane from Animal Agriculture was May 21-22, 2024, at University of California, Davis (UCD). The purpose of the Summit is to understand the current scientific and regulatory landscape related to feed additives and strategies to reduce enteric emissions and identify opportunities for collaboration and research that will help the dairy and beef industries meet climate goals. Dairy, beef academia, the United States Department of Agriculture and the Food and Drug Administration (FDA) are engaged in the reduction of methane emissions.

David McEuen arrived at 9:19 a.m.

Dr. Ba announced a Subject Matter Expert Review Panel on Nitrogenous Emission from Soils with Dr. William Horwath, Dr. Whendee Silver, Dr. Xia Zhu-Barker, Dr. Martin Burger, and Dr. Viney Aneja. These technical experts will conduct a comprehensive review of scientific literature, databases, and emission methodologies that pertain to nitrogenous emissions from soils and provide California Air Resources Board (CARB) guidance on the steps needed to improve nitrogenous emissions in California. The first workshop held on May 7, 2024, had 92 in attendance.

PROGRAM UPDATES

Nick Young, FMIP's Environmental Program Manager (EPM I), introduced newly appointed ES, Liam Erskine. Erskine has a Bachelor of Science degree in Horticulture/Plant Science from Pennsylvania State University. Erskine has been an excellent addition to the registration unit. Kelsey Dodd, Associate Governmental Program Analyst who has been with the Branch for several years, has been doing increasingly more fertilizer duties. Dodd is the analyst for the fertilizer licensing desk and tracking initiatives for field staff, as well as Public Information Act requests. Michele Jay-Russell, UCD's Western Institute for Food Safety and Security Program Manager for the Western Center for Food Safety, has been a great resource for the pilot pathogen study for salmonella to be presented later in the agenda.

Young reported FMIP fund conditions and mill assessment. As of July 1, 2023, the beginning balance of Commercial Fertilizer was \$8.56 million and OIM was \$3.5 million for a combined total of \$12 million. The reduction of mill assessment impact is shown in the Commercial Fertilizer funds. The adjusted balance for Commercial Fertilizer is \$5.74 million and OIM is \$2.70 million with a combined total of \$8.44 million. SB 1522 could allow the FIAB flexibility in changing the mill assessment moving forward, if the bill is passed in January.

Mill assessment trends for FY 2023/24 at 2.5 mill totaled \$6,735,456. This trend aligns with prior years' mill assessment trends of \$8,144,819.

FREP had a beginning balance of \$8.3 million. Revenue was \$2.2 million; expenditures were \$2.1 million; and encumbrances for grants through June 30, 2024, totaled \$3.5 million. As of April 30, 2024, FREP's ending adjusted balance was \$4.8 million.

Young presented FMIP's reorganization plan proposal to the FIAB. The proposal is to hire two separate FMIP registration supervisors into two parallel groups for the Conventional Fertilizer and OIM programs. The proposal would simply backfill one SES (Supervisory) position (prior Dr. Burger's) and then reclassify an existing vacant ES position to the SES (Supervisory) position. The registration staff has doubled over the last 10 years due to the increased OIM and Conventional Fertilizer workloads of

registered labels and applications. Registration staff are currently assigned to either OIM or conventional reviews, so re-organization would not disrupt workloads. OIM reviews are more comprehensive and requires a secondary review equal to the first. The benefits of the re-organization are: a minimal budget impact of \$4,147 net increase in monthly salary, both SES (Supervisory) positions would guide six to eight staff each, no new positions to be created, the reorganization aligns with a more realistic, manageable staff to supervise effectively, more supervisory time for one-on-one training, guidance, oversight and support, increased supervisory staff to perform critical efficacy data review and the ability for supervisors to be more proactive.

Discussion ensued regarding the analysis and proactive approach put forth in the FMIP reorganization proposal.

Chair McQueen announced FIAB approval of the FMIP reorganization proposal as presented.

Young presented the FMIP's request of three FIAB members to serve on a Fertilizer Rulemaking Advisory Subcommittee to provide guidance on future rulemaking proposals and recommendations to new/revised regulations to FIAB. Meetings would be virtual on an as needed basis and via email communications.

A potential proposal for rulemaking change would be nutrient disclosure on Fertilizer labels. Existing regulations for primary nutrient (Nitrogen, Phosphorus and Potassium) labeling suggest any presence of primary nutrients require a guaranteed analysis. No minimum guarantee is required for NPK, and claims may be required at extremely low contaminant levels where no primary nutrient is being added. However, it is not the case for secondary and micronutrients because regulations state, "if claimed" and possess a minimum guarantee. Existing regulations are vague and unclear. The Department currently does not require lab analysis submission for nutrients. Possible solutions would either be disclosure should be determined by the manufacturer, create a threshold requirement, only provide an exemption for contaminants or enforce current regulations where NPK label disclosure is required in all circumstances for any amount.

Jake Evans inquired about having potential representation from FIAB member's firm that would be more qualified to participate on the Fertilizer Rulemaking Advisory Subcommittee. Dr. Ba responded, stating that subject matter experts may be involved with the FIAB member for them to present the firm's guidance and feedback to the subcommittee.

Greg Cunningham, William Oglesby, and Jake Evans volunteered to be on the Fertilizer Rulemaking Advisory Subcommittee.

FIAB discussed label requirements for NPK and agreed with nutrient disclosure on labels "if claimed".

The Association of American Plant Food Control Officials (AAPFCO) Summer Annual Conference is August 5-6, 2024, in San Antonio, Texas. Kris Gulliver, FMIP SES (Specialist), is the newly appointed Chairman of the Terms and Definitions Committee. Kris also serves as the Chairman of the Slow Release Fertilizer Committee under Laboratory Services.

Young presented Fertilizer registration updates. FMIP continues discussion on how to capture data that represents where in the turnaround time process is the initial review, pending firm review and how long it is with the firm until it is received by program. The challenge will be capturing each time there is a resubmission with label changes or documentation along the chain where it is with program needing review and approval. FMIP continues to work on the information and figuring out process improvements.

Young reported FMIP registration status as of May 31, 2024, highlighting a 10% increase for OIM and 0.5% decrease with conventional fertilizer registrations. Since May of 2023 there have been 342+ OIM approvals and an 81+ increase for data revisions required (awaiting from firm). A comparison of total OIM and conventional fertilizer labels by year to present time shows a 28% increase of OIM labels and 4% increase of Conventional Fertilizer labels since 2019. FMIP has maintained the pace for label reviews.

Young stated FMIP will be transitioning away from the prior metrics data previously presented by former SES (Supervisory), Dr. Burger. FMIP has been working on a better way to identify turnaround times and capture this type of data.

Nicole Smith, SES (Supervisory), reported as of June 12, 2024, there were a total of 611 samples: 280 conventional fertilizer and 331 OIM. Smith announced a total of 13 Notice of Proposed Actions (NOPA) were received in 2023: 12 paid and one unpaid with a judgment filed.

Young added, an administrative law judge has upheld a penalty of \$1.89 million plus investigative costs against Agro Research International, LLC, for adulteration and mislabeling of registered organic fertilizing material Agro Gold WS. Agri Research International, LLC did not appeal. The next steps are to come from the Department of Justice.

Smith reported a total of seven NOPAs were received as of June 12, 2024; three paid and four awaiting firm response. A total of 20 complaints were received in 2023: 19 closed and one pending further investigation. A total of 12 complaints were received as of June 12, 2024: three closed and nine pending further investigation. Six of the complaints received this year were regarding mushroom kits.

Smith gave an overview of the pathogen pilot study initiated in May of 2023 with a goal of 400 samples. The study was to determine if *salmonella* sp. was present in various organic fertilizer products according to specific ingredient inputs. FMIP evaluated products containing meals, processed animal manures, microbes, carbohydrates and biosolids. Samples were analyzed at the UCD Western Center for Food Safety. FMIP field staff obtained a total of 403 samples in California. The total manufacturers guarantor samples were 123. There was 27 total detections and 13 manufacturers guarantors with detections, and nine detections above the National Organic Program (NOP) processed animal manure threshold of 3mpn/4g. Smith reported 24 of the 27 detections contain bone meal with outliers including biosolid, cottonseed meal and greenwaste compost. Smith noted 15 of the 27 detections are products containing only bone meal and 23 of the detections were OIM and four detections were conventional fertilizer noting that 11 detections did not have a lot number.

Smith further presented a table illustrating the detections that were above and below the NOP animal manure threshold, noting positive serotype results. Of the OIM products that were sampled from suppliers, there were no detections.

Jay-Russell commented on the complication with taxonomy of salmonella. The detections show a lot of diversity on the serial bars or same species. The diversity means that there is no one point source or one feed stock. Jay-Russell further explained the findings of the results.

Evans inquired about the necessity of a threshold and potential to have a lot number system and mitigation program.

Young commented, stating a threshold would probably be needed but that FMIP seeks FIAB direction on the potential next steps such as obtaining feedback from the FDA or the California Department of Public Health (CDPH).

Evans asked FMIP's continued surveillance of the products that pose threats to human health and safety. Young stated, FMIP can continue surveillance, but it would require a new contract.

Jay-Russell commented, stating very few labs have the capability to test for salmonella on a quantitative level (i.e. the number of mpn/g, most probable number per gram). Most labs test for presence versus absence or identify the species/strain. Jay-Russell expressed the challenge of finding a lab with a laboratory protocol with a mpn program or ability to test quantitatively. There are other external labs outside of California that have protocols like UCD Western Center for Food Safety protocol for serotyping.

Young stated the biggest challenge moving forward are laboratory aspects and the requirement of a regulatory lab for program enforcement.

Dr. Ba commented, the absence of regulatory labs is a problem, and the standard is a big part in advising the importance of education and outreach where field staff can

provide proper follow up on mitigation of risk. Dr. Ba stated the Department's priority is to provide outreach and education to industry, recommending this be part of the regulatory subcommittee discussion. Bringing in FDA in this space could bring value, if FIAB deems necessary or if FIAB/FMIP decide regulatory framework the program search for a regulatory lab. It is up to the FIAB to discuss and advise FMIP on the best way forward.

Evans suggested FMIP present study results to FDA for potential regulatory framework and continue surveillance.

Chair McQueen commented on program efficiency on providing such data, mentioning if FMIP needs to take more steps to analysis with the handling or processing of these products before seeking guidance from FDA.

Jay-Russell commented, FDA consultation can be approached to someone like David Ingram to get an opinion on risk regulations.

Evans suggested FMIP obtain advice from FDA then determine how to help industry by mandating risk mitigation procedures and lot numbers to ensure public safety.

FMIP requests FIAB recommendation to FMIP for the next steps based on the study results.

FIAB recommendation is for FMIP to go to FDA for insight on potential risks and CDPH for risk assessment. Vice Chair Silveria also suggested a FMIP provide consultation service to the firm so that it is less daunting to manufacturers.

Evans asked FMIP if continued surveillance with standard detection over three mpn/g is an option or if it is a lab challenge. Smith responded, stating it is a lab challenge and would require a contract for continued lab analysis. The NOP standard of three mpn per four grams is also only valid for processed animal manure, not bone meal or other inputs.

Jay-Russell commented, stating she is in search of another laboratory to take on this type of analysis. Jay-Russell will continue involvement with this analysis and advised FMIP inform CDPH and seek consultation with FDA due to regulatory concern. Jay-Russell explained the advantage of a detection lab in testing several samples in bone meal.

Young expressed the key importance would be for FMIP to seek consultation and expert advice.

Mark Cady, FREP SES (Supervisory), provided updates on FREP and the Technical Advisory Subcommittee (TASC). Cady announced full proposals were submitted on April 15. FREP received and reviewed 39 concept proposals; eight projects moved to full proposal phase but only six full proposals were received and reviewed by TASC on May 30. TASC recommended five proposals for funding:

- 1) Determination of crop N-removal coefficient values for the Imperial and Coachella Valleys crop systems by Ali Montazar from the University of California (UC) Cooperative Extension Imperial County. Nitrogen removal at harvest from a crop.
- 2) A science-based and interactive website for nutrient management in organic crop production by Daniel Geisseler from UC Davis. Resource for end users to be efficient with organic materials which will be an addition to the California fertilization guidelines.
- 3) Monitoring and assessing variability of nutrient status in almond orchards with hyperspectral satellite imagery empowered by artificial intelligence by Yufang Jin, Patrick Brown and Alireza Pourreza from UC Davis. Focus of in-field variability of nutrient availability. Understanding nutrient status of the whole orchard and variability within through remote sensing. Comparison of hyperspectral imaging and AI with the field sampling.
- 4) Equity in Nutrient Management Education on the Central Coast of California by Nathan Harkleroad from the Agriculture and Land-Based Training Association. Incubator for new farmers graduating from farm work status to owner operator status on farms.
- 5) Development of Three Citrus Modules in the Decision Support Tool CropManage for Orange, Mandarin, and Lemon by Ken Miller, Southern San Joaquin Valley Management Practices Evaluation Program Technical Program Manager. Using CropManage for help citrus growers to be more efficient.

TASC recommends \$1,149,096 in total funding for over a three-year period.

Cady requested a motion to approve the TASC proposals recommendation.

MOTION: Jake Evans moved to approve the TASC proposals for funding; Gary Silveria second. The motion passed unanimously by all board members present with a vote of 9 to 0.

Cady updated FIAB on the FREP's grower training program that allows for farmers to certify their own irrigation and nutrient management plans. Growers can now access training online to obtain certification. Cady reported a total of 2,547 eligible growers and 126 newly eligible growers since the start of the program in March of 2023. A total of

385 growers has since participated in one or more self-study Continuing Education course(s).

Cady presented metrics data for the Nitrogen and Irrigation Initiative that illustrates results from UCD's evaluation of the program by looking at workshop participants and the value of workshops. The report provides a summary and program highlights, including practical services for growers, program operations, outreach activities, program evaluation, and early outcomes and long-term impacts of the program.

Chair McQueen asked about feedback on effectiveness of program for getting the growers at risk to understand these requirements.

Cady responded, stating FREP is working with UCD and coalition partners to help target those growers and farmers to readily adapt to the evolving regulations and make necessary changes.

The FREP/Western Plant Health Association Nutrient Management Conference is October 29-30, 2024, in Seaside, California. The conference will hold a tour of an in-field bioreactor that takes effluent from tile drains high in nitrate and biologically processes with wood chips on a field scale for nitrate reduction within maximum contaminant level.

CENTER FOR ANALYTICAL CHEMISTRY (CAC) LAB UPDATE

Teresa Bowers, Environmental Program Manager I of CAC, introduced Elsa Poon, newly appointed SES (Supervisory) for CAC's regulatory analysis unit, who started on May 1, 2024. Poon has served as an ES with the Department's Food Safety Program with a lot of chemistry experience and leadership skills.

Bowers reported from July 1, 2023, through March 31, 2024, CAC received a total of 4,157 with an average turnaround time of 14 days. This is due in part of CAC not having had a direct supervisor during that period. During January 1, 2024, through March 31, 2024, CAC processed a total of 1,411 assays with an average turnaround time of 12 days. Bowers reported turnaround times in April and May continued to trend downward, averaging 11 days. As of July 1, 2023, CAC has processed a total of 676 samples; 90.1% were routine samples and 9.9% were priority samples. Beginning January 1, 2024, CAC processed a total of 158 samples; 93.6% were routine samples and 6.4% were priority samples.

Bowers highlighted, CAC typically has an average of four assays completed per sample; however, it has been 5.5 assays completed per sample. Despite the increased number of assays per sample, CAC will challenge itself to achieve a 10-day turnaround time.

Bowers reported sample turnaround times have trended downward from 14 to 12 business days. CAC's laboratory remodel project to modernize and improve CAC infrastructure is about 95% complete. The remodel was designed to allow CAC to shift and improve with the ever-evolving technologies in analytical chemistry. This \$265,000 project is entirely funded by CAC building funds, no fertilizer funds were used. CAC's new sulfur analyzer is awaiting installation to serve as a secondary backup instrument. The new micro Kjeldahl has been installed and verified to serve as backup and promote sample throughput. Bowers mentioned tremendous efforts on part of Poon and other CAC staff to cross train the five regulatory analysis unit staff to improve coverage on the analysis of all different assays.

FIAB CHAIR AND VICE CHAIR RECOMMENDATION

Chair McQueen expressed the importance of allowing FIAB members the opportunity to serve as a FIAB Chair and Vice Chair. Chair McQueen requested for volunteers or recommendations. Vice Chair Silveria expressed interest in serving as Chair for the FIAB.

Dr. Ba inquired about Chair McQueen interest in serving as Vice Chair. Vice Chair Silveria inquired about Chris Gallo serving as Vice Chair.

MOTION: Jake Evans moved to approve Gary Silveria as Chair and Chris Gallo as Vice Chair of the FIAB; Gus Olson seconded. The motion passed unanimously by all board members present with a vote of 7 to 0. Gary Silveria and Chris Gallo abstained.

PUBLIC COMMENTS

There were no public comments.

AGENDA ITEMS FOR FUTURE MEETINGS

Gulliver will provide an update on tonnage reporting at the next FIAB meeting.

NEXT MEETING

The next meeting will be held on Wednesday, October 23, 2024, in Sacramento, California.

ADJOURNMENT

The meeting was adjourned at 11:55 AM.

MOTION: Gary Silveria moved to adjourn the meeting; Gus Olson seconded. The motion passed unanimously by all board members present with a vote of 9 to 0.

ORIGINAL SIGNED BY NICK YOUNG

Nick Young

Environmental Program Manager I

Fertilizing Materials Inspection Program

06/26/2024

Date



Department of Food and Agriculture's Fertilizer Inspection Advisory Board (FIAB)

October 23, 2024

Location: Department of Cannabis' Control
2750 Gateway Oaks Drive, 2nd Floor
Sacramento, CA



Program Updates

Agenda Item 5

Presented By: Nick Young, Environmental Program Manager I
Fertilizing Materials Inspection Program



FIAB Board Member Update



- FIAB Board Member Gus Olson passed away in July 2024
 - Joined FIAB in 2021 with “only” 58 years of experience in the ag industry

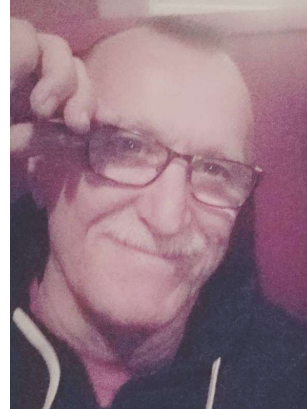


CDFA Personnel Updates



FFLDRS Branch Chief **Dr. Amadou Ba** retired after 23 years working for CDFA

CDFA Personnel Updates – Dale Rice



Special Investigator **Dale Rice** retired after 50 years working for CDFA

CDFA Personnel Updates – Jenna Leal



Jenna Leal appointed FFLDRS New Branch Chief on September 3, 2024

CDFA Personnel Updates – Yanhong Li



Yanhong Li appointed as the Senior Environmental Scientist (Supervisory) for the Organic Input Material Fertilizer Registration Staff on October 1, 2024

CDFA Personnel Updates – Evelyne Ndiaye



Evelyne Ndiaye appointed as the Senior Environmental Scientist (Supervisory) for the Conventional Fertilizer Registration Staff on October 1, 2024

CDFA Personnel Updates – Michelle Berjikian



Michelle Berjikian appointed as Environmental Scientist
for the Conventional Fertilizer Registration Staff on September 16, 2024

Fertilizing Materials Inspection Program Industry Workshop

- ❖ November 5-6, 2024
- ❖ Holiday Inn Sacramento Downtown Arena
300 J St, Sacramento, CA 95814
- ❖ Secretary Ross will provide opening remarks
- ❖ <https://secure.cdfa.ca.gov/egov/fmip2024/>



Fertilizing Materials Inspection Program Industry Workshop

- ❖ **Appointment-based open registration clinic on Nov 6th**
- ❖ **Nov 5th features presentations on:**
 - Conventional Licensing and Registration
 - Inspection and Sampling
 - OIM Registration and Inspection
 - CDFA Database, Mill Assessments, and Tonnage Report
 - Efficacy Data Submission
- ❖ **\$200** early registration fee
- ❖ **\$250** registration fee (after October 10, 2024 and walk-ins)

AAPFCO Winter Annual Conference

**February 17-18, 2025
Omni Royal Orleans Hotel
New Orleans, LA**

<https://www.aapfco.org/meetings.html>





Biostimulants World Congress

CDFA EPM Nick Young received an invitation to speak and serve on a panel regarding plant biostimulant regulation

- Speaker: Regulatory Updates from California Department of Food and Agriculture on Biostimulant Policy
- Panelist: Regulating biostimulants in North America – CDFA, The Fertilizer Institute (TFI), and the Biological Products Industry Alliance (BPIA)
- Mr. Young is the chairman of AAPFCO's Biostimulant Committee
- AAPFCO has agreed to fund Mr. Young's travel expenses

Pathogen Pilot Study Agenda Item (5ii)

Goal: Determine if *Salmonella* sp. are present in various organic fertilizer products according to specific ingredient inputs

❑ FMIP evaluated products that contained:

- **Meals** (bone, fish bone, shrimp, blood, alfalfa, kelp, feather, cottonseed, etc.)
- **Processed Animal Manures** (poultry, bovine, bat guano, seabird guano, etc.)
- **Microbes** (Beneficial bacteria or fungi)
- **Carbohydrates** (molasses, polysaccharides, corn steep liquor, yeast extract, distillers grains, cane sugar, sucrose, xylose, etc.)
- **Biosolids**

Pathogen Pilot Study Results

- Total Samples: 403
- Total Manufacturers/Guarantors Sampled: 123
- 27 Total Detections (**6.7%**, includes duplicate products)
- 13 Manufacturers/Guarantors with Detections
- 9 detections above the USDA NOP processed animal manure threshold 3 mpn / 4 g (**2.2%**)



Pathogen Pilot Study Results Continued

- 24 of 27 detections contain Bone Meal*
**Outliers include a Biosolid, a Cottonseed Meal, and a Greenwaste Compost product*
- 15 of 27 detections contained only Bone Meal
- 23 detections OIM, 4 detections Conventional
- 11 detections, no lot number (no ability for traceback)



Thoughts on Pathogen Pilot Study

- **Dave Ingram**, Ph.D., Consumer Safety Officer
Office of Food Safety, Division of Produce Safety, FDA
- Thoughts on...
 - ... Risk (*application or handling*)
 - ... Future sampling
 - ... Any next recommended steps
 - ... Q & A

FERTILIZER INSPECTION ADVISORY BOARD

FINANCIAL SUMMARY Commercial Fertilizing Inspection Program & Organic Input Materials Program

FUND CONDITION REPORT As of August 31, 2024

	COMMERCIAL FERTILIZER	OIM	COMBINED TOTAL
Beginning Balance as of 7/1/2024:			
CDFA Account	\$ 2,392,095	\$ 3,097,024	\$ 5,489,119
Bank of America Account	\$ 4,840,654	-	\$ 4,840,654
Total Funds	\$ 7,232,749	\$ 3,097,024	\$ 10,329,773
Revenue*			
	\$ 1,684,437	\$ 675,580	\$ 2,360,017
Expenditures and Encumbrances			
Expenditures**	\$ 929,504	\$ 221,871	\$ 1,151,375
Encumbrances	\$ 42,849	\$ 583,608	\$ 626,457
Ending Balance as of 8/31/24:			
CDFA Account	\$ 1,462,947	\$ 3,550,733	\$ 5,013,680
Bank of America Account	\$ 6,524,735	-	\$ 6,524,735
Total Funds	\$ 7,987,682	\$ 3,550,733	\$ 11,538,415
Adjusted Balance***	\$ 7,944,833	\$ 2,967,125	\$ 10,911,958

* Revenue includes fertilizing material licenses, fertilizer product registration, fertilizing materials mill assessments, and interest accrued.

** Expenditure total per CDFA Financial Services Budget Report June 30, 2025. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through June 30, 2025.

FERTILIZER INSPECTION ADVISORY BOARD

FINANCIAL SUMMARY

Fertilizer Research and Education Program

FUND CONDITION REPORT

As of August 31, 2024

	<u>FY 2024/25</u>
Beginning Balance as of 7/1/2024	
CDFA Account	\$8,476,796.00
Bank of America Account	\$478,818.00
Total Funds	\$8,955,614
<hr/>	
Revenue *	\$386,725
Expenditures and Encumbrances	
Expenditures**	\$254,075
YTD Research Contract Encumbrances	
FY 21/22	\$234,069
FY 22/23	\$1,346,480
FY 23/24	\$1,820,994
FY 24/25	\$1,558,025
FREP Encumbrances Through June 30, 2025	\$4,959,568
FY 25/26	\$995,439
FY 26/27	\$615,797
FY 28/29	\$188,638
	\$6,759,442
<hr/>	
Ending Balance as of 8/31/24	
CDFA Account	\$7,518,606
Bank of America Account	\$935,493
Total Funds	\$8,454,099
<hr/>	
Adjusted Balance***	\$3,494,531

* Revenue fertilizer materials mill assessments, and interest accrued in the CDFA Fund Account and Bank of America Corporate Account.

** Expenditure total per CDFA Financial Services Budget Report June 30, 2025. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through June 30, 2025.

California Department of Food and Agriculture
Fertilizing Materials Registration and Inspection Program

Mill Assessment Trends

	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
	3 mill	3 mill*/ 2.5 mill	2.5 mill	2.5 mill	2.5 mill	2.5 mill
July	\$ 1,384,145	\$ 345,309	\$ 1,278,709	\$ 609,184	\$ 805,663	\$ 433,629
August	\$ 1,475,346	\$ 2,463,502	\$ 1,937,504	\$ 2,452,232	\$ 2,452,550	\$ 1,945,948
September	\$ 483,583	\$ 3,414	\$ 17,007	\$ 151,104	\$ 168,277	
October	\$ 398,737	\$ 714,389	\$ 920,951	\$ 209,048	\$ 389,567	
November	\$ 1,377,509	\$ 859,172	\$ 412,093	\$ 1,535,731	\$ 1,269,267	
December	\$ 22,600	\$ 607,947	\$ 679,814	\$ 3,232	\$ 109,503	
January	\$ 538,052	\$ 311,668	\$ 43,086	\$ 555,663	\$ 23,640	
February	\$ 1,190,045	\$ 673,073	\$ 864,235	\$ 903,660	\$ 1,142,107	
March	\$ 11,880	\$ 745,526	\$ 505,601	\$ 20,927	\$ 305,861	
April	\$ 376,896	\$ 642,111	\$ 584,053	\$ 180,450	\$ 69,021	
May	\$ 1,611,920	\$ 411,398	\$ 558,807	\$ 711,896	\$ 1,402,469	
June	\$ 187,717	\$ 854,375	\$ 1,247,170	\$ 811,692	\$ 230,354	
	\$ 9,058,430	\$ 8,631,884	\$ 9,049,030	\$ 8,144,819	\$ 8,368,279	\$ 2,379,577

Agenda Item (5 iii)

Commercial Fertilizer and Organic Input Materials (OIM) Fund Condition

FINANCIAL SUMMARY				
Commercial Fertilizing Inspection Program				
&				
Organic Input Materials Program				
FUND CONDITION REPORT				
As of August 31, 2024				
	COMMERCIAL FERTILIZER		OIM	COMBINED TOTAL
Beginning Balance as of 7/1/2024:				
CDFA Account	\$ 2,392,095	\$	3,097,024	\$ 5,489,119
Bank of America Account	\$ 4,840,654		-	\$ 4,840,654
Total Funds	\$ 7,232,749	\$	3,097,024	\$ 10,329,773
Revenue*	\$ 1,684,437	\$	675,580	\$ 2,360,017
Expenditures and Encumbrances				
Expenditures**	\$ 929,504	\$	221,871	\$ 1,151,375
Encumbrances	\$ 42,849	\$	583,808	\$ 626,457
Ending Balance as of 8/31/24:				
CDFA Account	\$ 1,462,947	\$	3,550,733	\$ 5,013,680
Bank of America Account	\$ 6,524,735		-	\$ 6,524,735
Total Funds	\$ 7,987,682	\$	3,550,733	\$ 11,538,415
Adjusted Balance***	\$ 7,944,833	\$	2,967,125	\$ 10,911,958

* Revenue includes fertilizing material licenses, fertilizer product registration, fertilizing materials mill assessments, and interest accrued.

** Expenditure total per CDFA Financial Services Budget Report June 30, 2025. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through June 30, 2025.

Fertilizer Mill Assessment Trends

Mill Assessment Trends						
	2019/20 3 mill	2020/21 3 mill*/ 2.5 mill	2021/22 2.5 mill	2022/23 2.5 mill	2023/24 2.5 mill	2024/25 2.5 mill
July	\$ 1,384,145	\$ 345,309	\$ 1,278,709	\$ 609,184	\$ 805,663	\$ 433,629
August	\$ 1,475,346	\$ 2,463,502	\$ 1,937,504	\$ 2,452,232	\$ 2,452,550	\$ 1,945,948
September	\$ 483,583	\$ 3,414	\$ 17,007	\$ 151,104	\$ 168,277	
October	\$ 398,737	\$ 714,389	\$ 920,951	\$ 209,048	\$ 389,567	
November	\$ 1,377,509	\$ 859,172	\$ 412,093	\$ 1,535,731	\$ 1,269,267	
December	\$ 22,600	\$ 607,947	\$ 679,814	\$ 3,232	\$ 109,503	
January	\$ 538,052	\$ 311,668	\$ 43,086	\$ 555,663	\$ 23,640	
February	\$ 1,190,045	\$ 673,073	\$ 864,235	\$ 903,660	\$ 1,142,107	
March	\$ 11,880	\$ 745,526	\$ 505,601	\$ 20,927	\$ 305,861	
April	\$ 376,896	\$ 642,111	\$ 584,053	\$ 180,450	\$ 69,021	
May	\$ 1,611,920	\$ 411,398	\$ 558,807	\$ 711,896	\$ 1,402,469	
June	\$ 187,717	\$ 854,375	\$ 1,247,170	\$ 811,692	\$ 230,354	
	\$ 9,058,430	\$ 8,631,884	\$ 9,049,030	\$ 8,144,819	\$ 8,368,279	\$ 2,379,577

FREP Fund Condition

FINANCIAL SUMMARY Fertilizer Research and Education Program FUND CONDITION REPORT As of August 31, 2024

	FY 2024/25
Beginning Balance as of 7/1/2024	
CDFA Account	\$8,476,796.00
Bank of America Account	\$478,818.00
Total Funds	\$8,955,614
Revenue *	\$386,725
Expenditures and Encumbrances	
Expenditures**	\$254,075
YTD Research Contract Encumbrances	
FY 21/22	\$234,069
FY 22/23	\$1,346,480
FY 23/24	\$1,820,994
FY 24/25	\$1,558,025
FREP Encumbrances Through June 30, 2025	\$4,959,568
FY 25/26	\$995,439
FY 26/27	\$615,797
FY 28/29	\$188,638
	\$6,759,442
Ending Balance as of 8/31/24	
CDFA Account	\$7,518,606
Bank of America Account	\$935,493
Total Funds	\$8,454,099
Adjusted Balance***	\$3,494,531

* Revenue fertilizer materials mill assessments, and interest accrued in the CDFA Fund Account and Bank of America Corporate Account.

** Expenditure total per CDFA Financial Services Budget Report June 30, 2025. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through June 30, 2025.

25/26 Budget: Key Considerations

- ❖ The Governor's office required a 7.95% budget cut across all Departments and Programs
- ❖ California Association of Professional Scientists (BU10) negotiated salary increases, effective July 1, 2024
 - ❖ For top range, up to 23% increase over a 3-year period ('24-26)
 - ❖ Includes a 12% increase July 1, 2024
 - ❖ 9% increase over 3-years for staff not at the top of the range
 - ❖ Scientists had not received a pay increase since July 2020

	FERTILIZER					
	ACTUAL	ACTUAL	GOVERNOR'S	APPROVED	REVISED	PROPOSED
	2022-23 EXPENSES	2023-24 EXPENSES	2024-25 BUDGET	2024-25 BUDGET	2024-25 BUDGET	2025-26 BUDGET
PERSONNEL SERVICES						
Salary & Wages	2,531,830	2,495,100	2,315,675	2,788,362	2,295,929	2,253,561
Benefits	1,074,503	1,135,758	1,555,068	1,232,753	1,056,127	1,036,638
TOTAL PRESONNEL SERVICES	3,606,333	3,630,858	3,870,743	4,021,115	3,352,056	3,290,199
OPERATING EXPENSES & EQUIPMENT						
General Expenses	10,128	37,791	40,000	40,000	35,000	40,000
Printing	9,504	6,688	15,000	15,000	7,500	10,000
Communication	33,714	24,166	38,000	38,000	25,000	27,500
Postage	1,230	1,240	7,500	1,500	1,000	2,000
Insurance	9,003	9,312	10,000	10,000	10,000	10,000
Travel In-State	52,867	85,865	98,530	95,000	70,000	105,000
Travel Out-of-State	10,149	12,752	16,350	20,000	10,000	16,350
Training	428	2,712	8,000	8,000	8,000	5,000
Facilities Operations	74,141	51,735	130,053	100,000	94,500	60,000
Utilities	490	411	0	1,000	750	750
Prof Serv Internal/External	66,121	75,286	68,566	70,000	55,000	73,000
Attorney Gen Charges	0	268,644	65,000	20,000	5,000	30,000
Data Processing IT	127,776	120,120	94,429	90,000	90,000	60,000
Equipment	0	0	140,000	140,000	0	55,000
Field Expenses	10,488	5,193	22,190	12,000	15,000	15,000
Vehicle Operations	38,940	14,354	65,000	45,000	50,000	20,000
Private Lab Services	4,239	0	5,000	5,000	5,000	2,500
Other Misc	2,658	6,950	2,500	5,000	5,000	7,500
Contract/Grant	0	0	50,000	50,000	45,000	50,000
Unallocated Budget Adjustment	0	0	0	0	0	0
TOTAL OPERATING EXPENSES	451,876	723,217	876,118	765,500	531,750	589,600
DISTRIBUTED COSTS						
Chemistry Lab	1,222,683	1,591,764	1,892,239	1,287,531	1,287,531	1,303,062
Chemistry Labs Equipment	301,915	0	0	226,260	226,260	231,573
Audit Charges	0	0	5,000	7,875	4,600	4,600
Indirect Admin/Exec	432,496	390,173	459,897	459,897	423,105	423,105
Indirect IT	166,301	171,794	170,702	170,702	157,046	157,046
Indirect Charges Division	135,755	119,253	138,806	138,806	127,702	127,702
Direct Chg-Central Admin	0	1,336	0	6,825	0	0
Direct Chg- Intradpt IT	1,473	32,548	0	105,000	0	0
Statewide General Administrative Cost						
SB 84	0	0	0	103,846	103,846	103,846
TOTAL DISTRIBUTED COSTS	2,260,623	2,306,869	2,666,644	2,506,742	2,330,090	2,350,934
TOTAL OE&E	2,712,499	3,030,086	3,542,762	3,272,242	2,861,840	2,940,534
TOTAL PROGRAM COSTS	6,318,832	6,660,944	7,413,505	7,293,357	6,213,896	6,230,733
Direct Charge Recovery	-90,700	-378,988	-26,345	0	-26,345	0
AF-AG CODE 224C	-168,338	-166,204	-89,235	-168,338	-89,235	-89,235
SUB-TOTAL PROGRAM	6,059,794	6,115,751	7,297,925	7,125,019	6,098,316	6,141,498
ENCUMBRANCES	18,126	29,764	0	0	0	0
TOTAL NET PROGRAM	6,077,921	6,145,516	7,297,925	7,125,019	6,098,316	6,141,498

ORGANIC INPUT MATERIALS					
ACTUAL	ACTUAL	GOVERNOR'S	APPROVED	REVISED	PROPOSED
2022-23 EXPENSES	2023-24 EXPENSES	2024-25 BUDGET	2024-25 BUDGET	2024-25 BUDGET	2025-26 BUDGET
704,742	711,205	737,686	746,322	744,008	867,567
379,350	408,936	462,740	417,437	424,085	494,513
1,084,092	1,120,141	1,200,426	1,163,759	1,168,093	1,362,080
257	298	5,000	2,000	500	400
640	507	1,700	1,500	750	600
2,154	3,001	10,000	3,000	3,000	3,100
404	544	2,000	800	750	600
1,005	1,559	700	1,500	2,000	1,650
9,351	13,786	13,000	1,500	7,000	14,000
278	1,026	2,000	25,000	1,000	1,000
164	0	2,000	2,000	250	200
9,349	11,036	30,000	15,000	10,000	11,150
0	0	200	200	0	0
78,277	7,297	20,000	80,000	15,000	7,500
32,565	0	20,000	45,000	40,000	20,000
21,592	37,885	38,123	32,000	21,000	38,000
0	0		1,000	0	0
200	82	4,500	3,000	200	150
2,006	2,913	2,500	3,000	2,750	3,000
0	155	4,500	2,000	0	200
126	0	0	2,000	200	150
0	92,425	270,345	268,765	248,765	268,765
0	0	7,058	0	0	0
158,368	172,513	433,626	489,265	353,165	370,465
305,671	378,988	0	321,883	321,883	325,766
75,479	0	0	56,565	56,565	57,893
0	6,200	0	5,250	0	0
88,548	118,451	225,466	99,750	207,429	207,429
35,915	52,017	0	42,000	0	0
27,835	36,194	0	36,750	0	0
90,700	77	0	1,365	0	0
81	6,944	0	15,750	0	0
0	0	0	0	0	9,545
624,228	598,871	225,466	579,313	585,877	600,633
782,596	771,384	659,092	1,068,578	939,042	971,098
1,866,688	1,891,526	1,859,518	2,232,337	2,107,134	2,333,178
0	0	-47,969	0	-47,969	0
-41,163	-39,132	0	0	0	-39,132
1,825,525	1,852,394	1,811,549	2,232,337	2,059,165	2,294,046
206,625	178,527	0	0	0	0
2,032,151	2,030,921	1,811,549	2,232,337	2,059,165	2,294,046

FERT & OIM					
ACTUAL	ACTUAL	GOVERNOR'S	APPROVED	REVISED	PROPOSED
2022-23 EXPENSES	2023-24 EXPENSES	2024-25 BUDGET	2024-25 BUDGET	2024-25 BUDGET	2025-26 BUDGET
3,236,572	3,206,305	3,053,361	3,534,684	3,039,937	3,121,128
1,453,853	1,544,694	2,017,808	1,650,190	1,480,212	1,531,151
4,690,425	4,750,999	5,071,169	5,184,874	4,520,149	4,652,279
10,385	38,089	45,000	42,000	35,500	40,400
10,144	7,195	16,700	16,500	8,250	10,600
35,868	27,167	48,000	41,000	28,000	30,600
1,634	1,784	9,500	2,300	1,750	2,600
10,008	10,870	10,700	11,500	12,000	11,650
62,218	99,651	111,530	96,500	77,000	119,000
10,427	13,777	18,350	45,000	11,000	17,350
592	2,712	10,000	10,000	8,250	5,200
83,490	62,771	160,053	115,000	104,500	71,150
490	411	200	1,200	750	750
144,398	82,583	88,566	150,000	70,000	80,500
32,565	268,644	85,000	65,000	45,000	50,000
149,368	158,006	132,552	122,000	111,000	98,000
0	0	140,000	141,000	0	55,000
10,688	5,275	26,690	15,000	15,200	15,150
40,946	17,267	67,500	48,000	52,750	23,000
4,239	155	9,500	7,000	5,000	2,700
2,784	6,950	2,500	7,000	5,200	7,650
0	92,425	320,345	318,765	293,765	318,765
0	0	7,058	0	0	0
610,244	895,730	1,309,744	1,254,765	884,915	960,065
1,528,354	1,970,752	1,892,239	1,609,414	1,609,414	1,628,828
377,394	0	0	282,825	282,825	289,466
0	6,200	5,000	13,125	4,600	4,600
521,044	508,624	685,363	559,647	630,534	630,534
202,216	223,811	170,702	212,702	157,046	157,046
163,590	155,448	138,806	175,556	127,702	127,702
90,700	1,414	0	8,190	0	0
1,554	39,492	0	120,750	0	0
0	0	0	103,846	103,846	113,391
2,884,852	2,905,740	2,892,110	3,086,055	2,915,966	2,951,567
3,495,096	3,801,470	4,201,854	4,340,820	3,800,881	3,911,632
8,185,521	8,552,469	9,273,023	9,525,694	8,321,030	8,563,911
-90,700	-378,988	-74,314	0	-74,314	0
-209,501	-205,336	-89,235	-168,338	-89,235	-128,367
7,885,320	7,968,145	9,109,474	9,357,356	8,157,481	8,435,545
224,751	208,291	0	0	0	0
8,110,071	8,176,437	9,109,474	9,357,356	8,157,481	8,435,545

		FREP					
		ACTUAL	ACTUAL	GOVERNOR'S	APPROVED	REVISED	PROPOSED
		2022-23	2023-24	2024-25	2024-25	2024-25	2025-26
		EXPENSES	EXPENSES	BUDGET	BUDGET	BUDGET	BUDGET
PERSONNEL SERVICES							
Salary & Wages	545,009	598,216	628,270	652,496	785,949	771,119	
Benefits	306,646	328,469	413,623	335,971	432,272	424,115	
TOTAL PERSONNEL SERVICES	851,655	926,685	1,041,893	988,467	1,218,221	1,195,234	
OPERATING EXPENSES & EQUIPMENT							
General Expense	3,905	5,704	15,000	8,000	7,500	10,000	
Printing	6,973	7,044	15,000	15,000	7,500	10,000	
Communication	1,958	2,912	5,000	2,500	3,000	5,000	
Postage	21	97	1,000	1,000	500	1,000	
Insurance	1,005	1,555	1,100	1,100	1,500	1,700	
Travel In-State	11,884	24,637	31,000	25,000	22,500	30,000	
Travel Out-of-State	366	159	0	2,500	1,500	500	
Training	1,765	175	14,000	14,000	2,000	7,000	
Facilities Operation	6,476	7,388	15,000	15,000	15,000	10,000	
Prof Serv Internal/External	0	30,882	3,000	3,000	3,000	3,000	
Data Processing and IT	3,655	16,091	28,000	28,000	20,000	25,000	
Equipment	309	0	0	1,000	0	0	
Field Expenses	0	50	2,500	1,500	1,000	2,000	
Vehicle Operations	1,070	1,121	11,446	2,000	7,500	5,000	
Other Misc	251	3,950	5,000	2,000	1,000	5,000	
Research Contract/Grant	715,557	148,369	1,875,000	1,875,000	1,760,000	1,700,000	
UC-ANR	0	0	1,000,000	1,000,000	720,000	730,000	
TOTAL OPERATING EXPENSES	755,195	250,132	3,022,046	2,996,600	2,573,500	2,545,200	
DISTRIBUTED COSTS							
Indirect Charges Admin/Exec	104,563	101,933	119,701	119,701	110,125	110,125	
Indirect IT	43,124	39,799	39,393	39,393	36,242	36,242	
Indirect Charges Division	32,935	31,093	36,128	36,128	33,238	33,238	
Direct Chg-Central Admin	0	0	0	7,350	6,762	6,762	
Direct Chg-Intradpt	24	6,954	0	1,365	1,256	1,256	
Statewide General Administrative Cost							
SB 84	25,965			25,965	25,965	25,965	
TOTAL DISTRIBUTED COSTS	206,611	179,779	195,222	229,902	213,587	213,588	
TOTAL OE&E	961,806	429,911	3,217,268	3,226,502	2,787,087	2,758,788	
TOTAL PROGRAM COSTS	1,813,461	1,356,596	4,259,161	4,214,969	4,005,308	3,954,022	
AF-AG CODE 224C	-59,988	-70,060	-24,020	-59,988	-59,988	-24,020	
SUB-TOTAL PROGRAM	1,753,473	1,286,537	4,235,141	4,154,981	3,945,320	3,930,002	
ENCUMBRANCES	1,913,330	2,015,610	0	0	0	0	
TOTAL NET PROGRAM	3,666,803	3,302,147	4,235,141	4,154,981	3,945,320	3,930,002	

Fertilizer/OIM Proposed FY 25/26 Budget (Agenda Item 5 iii)

	FERTILIZER						ORGANIC INPUT MATERIALS						FERT & OIM					
	ACTUAL 2022-23 EXPENSES	ACTUAL 2023-24 EXPENSES	GOVERNOR'S 2024-25 BUDGET	APPROVED 2024-25 BUDGET	REVISED 2024-25 BUDGET	PROPOSED 2025-26 BUDGET	ACTUAL 2022-23 EXPENSES	ACTUAL 2023-24 EXPENSES	GOVERNOR'S 2024-25 BUDGET	APPROVED 2024-25 BUDGET	REVISED 2024-25 BUDGET	PROPOSED 2025-26 BUDGET	ACTUAL 2022-23 EXPENSES	ACTUAL 2023-24 EXPENSES	GOVERNOR'S 2024-25 BUDGET	APPROVED 2024-25 BUDGET	REVISED 2024-25 BUDGET	PROPOSED 2025-26 BUDGET
PERSONNEL SERVICES																		
Salary & Wages	2,531,830	2,495,100	2,315,675	2,788,362	2,395,829	2,253,581	704,742	711,205	737,684	748,312	744,000	867,567	3,236,372	3,206,305	3,051,361	3,534,684	3,039,937	3,121,113
Benefits	1,074,501	1,135,750	1,555,060	1,212,753	1,056,127	1,036,630	379,590	400,916	452,740	417,437	424,051	494,513	1,455,651	1,544,694	2,017,608	1,650,190	1,450,212	1,531,131
TOTAL PERSONNEL SERVICES	3,606,331	3,630,850	3,870,735	4,001,115	3,451,956	3,290,211	1,084,292	1,112,121	1,200,424	1,165,749	1,168,051	1,362,080	4,692,023	4,751,000	5,071,169	5,184,874	4,490,149	4,652,249
OPERATING EXPENSES & EQUIPMENT																		
General Expenses	10,128	37,791	40,000	40,000	35,000	40,000	237	289	5,000	2,000	500	400	10,385	38,089	45,000	42,000	35,500	40,400
Printing	9,504	6,688	15,000	15,000	7,500	10,000	840	507	1,700	1,500	750	600	10,144	7,195	16,700	16,500	8,250	10,600
Communication	35,714	24,466	38,000	38,000	25,000	27,500	2,154	3,001	10,000	3,000	3,000	3,100	35,868	27,187	48,000	41,000	28,000	30,600
Postage	1,230	1,240	7,500	1,500	1,000	2,000	404	544	2,000	800	750	600	1,634	1,784	9,500	2,300	1,750	2,800
Insurance	9,003	9,312	10,000	10,000	10,000	10,000	1,005	1,559	700	1,500	2,000	1,650	10,000	10,870	10,700	10,700	12,000	11,650
Travel In-State	52,567	85,845	90,500	95,000	70,000	100,000	9,351	13,756	13,000	1,500	7,000	24,000	62,115	89,651	111,500	94,500	77,000	119,000
Travel Out-of-State	10,489	12,752	16,350	20,000	10,000	16,350	278	1,026	2,000	25,000	1,000	1,000	10,427	13,777	18,350	45,000	11,000	17,300
Training	428	2,712	8,000	8,000	5,000	5,000	164	0	2,000	2,000	250	200	992	2,712	10,000	10,000	8,250	5,300
Facilities Operations	74,141	51,735	130,053	100,000	94,500	60,000	9,249	11,056	30,000	15,000	10,000	11,150	83,490	62,771	160,053	115,000	104,500	71,150
Utilities	490	411	0	1,000	750	750	0	0	200	200	0	0	490	411	0	1,200	750	750
Prof Serv Internal/External	66,121	75,208	68,564	70,000	55,000	73,000	78,277	7,297	20,000	80,000	15,000	7,500	144,398	82,183	88,564	150,000	70,000	80,500
Attorney Gen Charges	0	248,444	65,000	20,000	5,000	30,000	32,563	0	20,000	45,000	40,000	20,000	32,563	248,444	65,000	65,000	45,000	30,500
Data Processing/IT	127,774	130,120	94,429	90,000	90,000	60,000	21,592	37,885	38,123	32,000	21,000	38,000	149,360	158,006	132,551	122,000	111,000	98,000
Equipment	0	0	140,000	140,000	0	55,000	0	0	1,000	0	0	0	0	0	140,000	141,000	0	55,000
Field Expenses	10,489	5,393	22,190	12,000	15,000	15,000	200	82	4,500	3,000	200	150	10,608	5,375	26,890	15,000	15,200	15,150
Vehicle Operations	38,840	14,314	65,000	45,000	30,000	20,000	2,006	2,813	3,500	3,000	2,750	3,000	40,846	17,487	67,500	48,000	32,750	21,000
Private Lab Services	4,239	0	5,000	5,000	5,000	2,500	0	155	4,500	2,000	0	200	4,239	155	9,500	7,000	5,000	2,700
Other Misc	2,656	6,950	2,500	5,000	5,000	7,500	126	0	0	2,000	200	150	2,784	6,950	5,000	7,000	5,200	7,850
Contract/Grant	0	0	50,000	50,000	45,000	50,000	0	92,425	270,345	248,765	248,765	268,765	0	92,425	320,345	318,765	293,765	318,765
Unallocated Budget Adjustment	0	0	0	0	0	0	0	0	7,653	0	0	0	0	0	7,653	0	0	0
TOTAL OPERATING EXPENSES	451,876	723,217	876,118	765,500	531,750	589,660	158,368	172,513	433,628	489,243	353,165	370,465	610,244	895,730	1,309,744	1,254,785	884,815	960,065
DISTRIBUTED COSTS																		
Chemistry Lab	1,222,681	1,591,764	1,892,239	1,287,531	1,287,531	1,503,042	305,871	378,988	0	321,883	321,883	325,766	1,528,354	1,970,752	1,892,239	1,609,414	1,609,414	1,628,838
Chemistry Lab Equipment	301,915	0	0	226,260	226,260	231,573	75,479	0	0	56,585	56,585	57,893	377,394	0	0	282,825	282,825	289,486
Audit Charges	0	0	5,000	7,875	4,600	4,600	0	6,300	0	5,150	5,150	5,150	0	6,300	5,000	11,125	4,600	4,600
Indirect Admin/Exec	432,486	390,173	439,897	439,897	439,897	439,897	58,548	118,451	225,466	89,750	207,429	207,429	321,048	368,618	465,361	598,647	630,334	630,334
Indirect IT	166,101	171,784	170,702	157,046	157,046	157,046	35,815	52,017	0	42,000	0	0	202,216	223,811	170,702	212,702	157,046	157,046
Indirect Charge Division	135,755	119,253	138,806	127,702	127,702	127,702	27,835	36,184	0	36,750	0	0	163,990	158,448	138,806	175,556	127,702	127,702
Direct Chg-Central Admin	0	0	0	0	0	0	80	700	77	0	0	0	80	700	77	0	0	0
Direct Chg-Intraport	1,473	32,548	0	105,000	0	0	81	6,944	0	15,750	0	0	1,554	39,492	0	126,750	0	0
Statewide General Administrative Cost	0	0	0	103,848	103,848	103,848	0	0	0	0	0	9,545	0	0	0	103,848	103,848	113,391
TOTAL DISTRIBUTED COSTS	2,240,623	2,306,869	2,466,444	2,306,742	2,330,090	2,350,938	424,228	598,871	225,466	579,315	585,877	600,633	2,884,852	2,905,740	2,892,116	3,086,055	2,915,946	2,951,587
TOTAL O&E	2,712,499	3,030,086	3,342,762	2,772,242	2,861,840	2,940,598	762,596	771,384	659,094	1,068,558	939,042	971,099	3,495,096	3,801,470	4,201,864	4,340,839	3,800,861	3,911,651
TOTAL PROGRAM COSTS	6,318,832	6,666,944	7,413,503	7,299,357	6,213,898	6,230,733	1,866,888	1,891,526	1,839,518	2,232,337	2,107,134	2,333,178	5,185,521	5,552,469	6,273,023	6,525,684	6,321,030	6,563,893
Direct Charge Recovery	-90,700	-178,888	-26,345	0	-26,345	0	0	0	-47,969	0	-47,969	0	-90,700	-178,888	-26,345	0	-74,514	0
AF-AG CODE 224C	-168,338	-166,204	-89,235	-168,338	-89,235	-89,235	-41,163	-39,132	0	0	0	-39,132	-209,501	-205,336	-89,235	-168,338	-89,235	-128,367
SUB-TOTAL PROGRAM	6,059,794	6,115,731	7,297,923	7,125,019	6,098,318	6,141,488	1,825,725	1,852,394	1,811,549	2,232,337	2,059,165	2,294,046	4,885,320	5,168,245	6,157,474	6,357,346	6,157,474	6,435,526
ENCUMBRANCES	15,126	29,764	0	0	0	0	206,623	178,527	0	0	0	0	224,751	200,291	0	0	0	0
TOTAL NET PROGRAM	6,074,920	6,145,495	7,297,923	7,125,019	6,098,318	6,141,488	2,032,348	2,030,921	1,811,549	2,232,337	2,059,165	2,294,046	5,110,071	5,176,437	6,157,474	6,357,346	6,157,474	6,435,526

FREP Proposed FY 25/26 Budget

	FREP					
	ACTUAL 2022-23 EXPENSES	ACTUAL 2023-24 EXPENSES	GOVERNOR'S 2024-25 BUDGET	APPROVED 2024-25 BUDGET	REVISED 2024-25 BUDGET	PROPOSED 2025-26 BUDGET
PERSONNEL SERVICES						
Salary & Wages	545,009	598,216	628,270	652,496	785,949	771,119
Benefits	306,644	328,469	413,623	335,971	432,272	424,115
TOTAL PERSONNEL SERVICES	851,653	926,685	1,041,893	988,467	1,218,221	1,195,234
OPERATING EXPENSES & EQUIPMENT						
General Expense	3,905	5,704	15,000	8,000	7,500	10,000
Printing	6,973	7,044	15,000	15,000	7,500	10,000
Communication	1,950	2,912	5,000	2,500	3,000	5,000
Postage	21	97	1,000	1,000	500	1,000
Insurance	1,005	1,555	1,100	1,100	1,500	1,700
Travel In-State	11,884	24,637	31,000	25,000	22,500	30,000
Travel Out-of-State	366	159	0	2,500	1,500	500
Training	1,765	175	14,000	14,000	2,000	7,000
Facilities Operation	6,476	7,388	15,000	15,000	15,000	10,000
Prof Serv Internal/External	0	30,682	3,000	3,000	3,000	3,000
Data Processing and IT	3,655	16,091	28,000	28,000	20,000	25,000
Equipment	309	0	0	1,000	0	0
Field Expenses	0	50	2,500	1,500	1,000	2,000
Vehicle Operations	1,070	1,121	11,446	2,000	7,500	5,000
Other Misc	251	3,950	5,000	2,000	1,000	5,000
Research Contract/Grant	715,557	148,369	1,875,000	1,875,000	1,760,000	1,700,000
UC-ANR	0	0	1,000,000	1,000,000	720,000	730,000
TOTAL OPERATING EXPENSES	755,195	250,132	3,022,046	2,996,600	2,573,500	2,545,200
DISTRIBUTED COSTS						
Indirect Charges Admin/Exec	104,563	101,933	119,701	119,701	110,125	110,125
Indirect IT	43,124	39,799	39,393	39,393	36,242	36,242
Indirect Charges Division	32,935	31,093	36,128	36,128	33,238	33,238
Direct Chg-Central Admin	0	0	0	7,350	6,762	6,762
Direct Chg-Intraport	24	6,954	0	1,365	1,256	1,256
Statewide General Administrative Cost	25,965			25,965	25,965	25,965
SB 64						
TOTAL DISTRIBUTED COSTS	206,611	179,779	195,222	229,902	213,587	213,588
TOTAL OEBE	961,806	429,911	3,217,268	3,226,502	2,787,087	2,758,788
TOTAL PROGRAM COSTS	1,813,461	1,356,596	4,259,161	4,214,969	4,005,308	3,954,022
AF-AG CODE 224C	-59,958	-70,060	-24,020	-59,958	-59,968	-24,020
SUB-TOTAL PROGRAM	1,753,473	1,286,537	4,235,141	4,154,981	3,945,330	3,930,002
ENCUMBRANCES	1,913,330	2,015,610	0	0	0	0
TOTAL NET PROGRAM	3,666,803	3,302,147	4,235,141	4,154,981	3,945,330	3,930,002



Commercial Fertilizer Tonnage Report Update

(Agenda Item 5 iv)

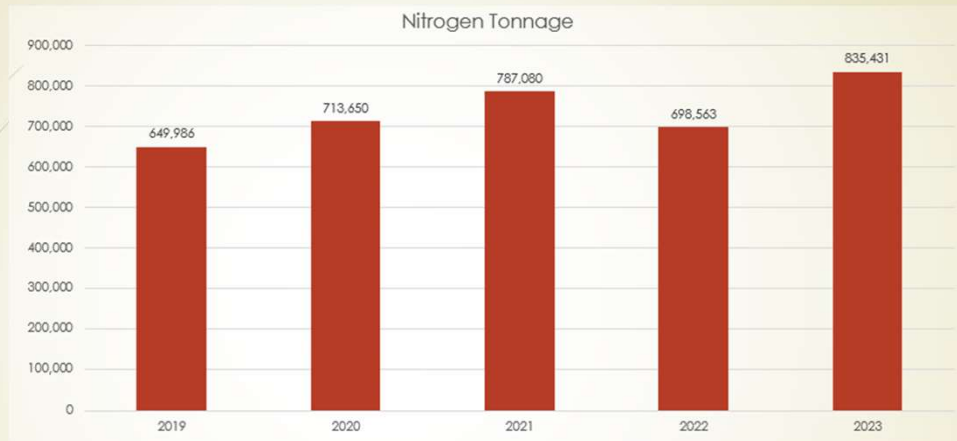
Fertilizer Inspection Advisory Board Meeting

Presented by Kristopher Gulliver



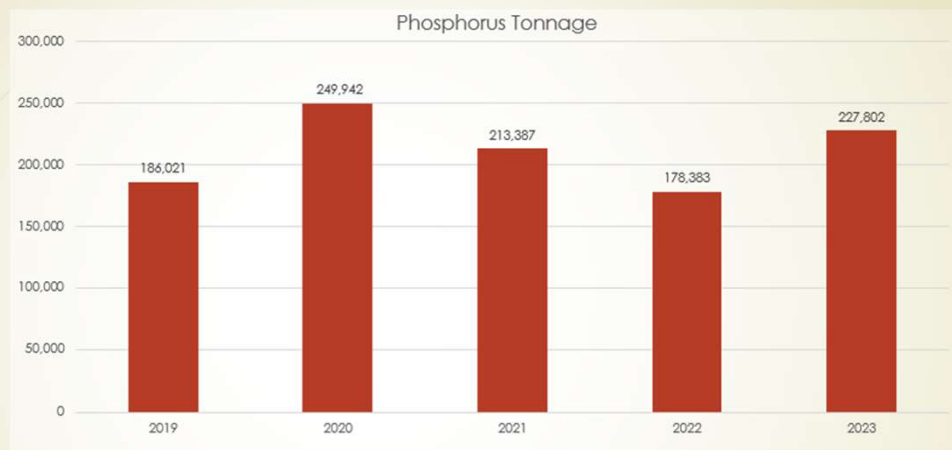
Report Updates

- 2023 Data Published
- Data Trends 2019-2023



Total Nitrogen

2019 – 2023 Data



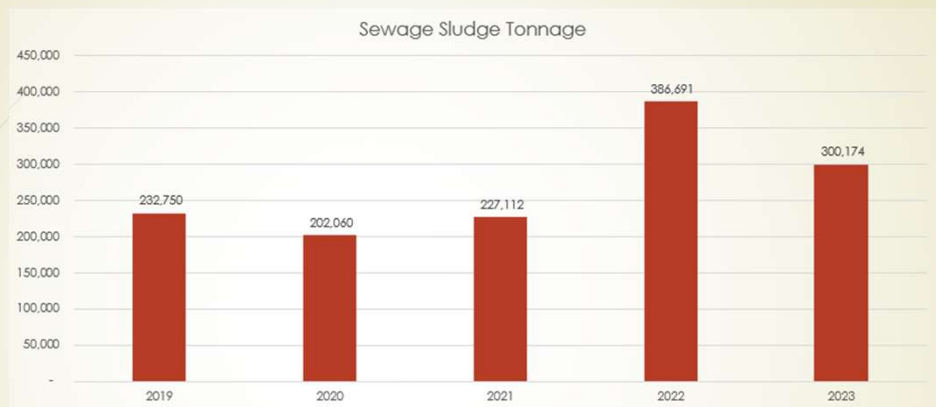
Available Phosphoric Acid

2019 – 2023 Data



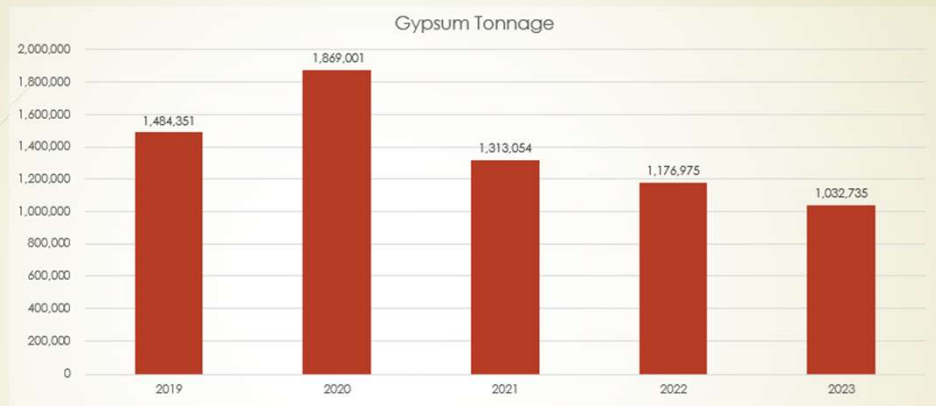
Soluble Potash

2019 – 2023 Data



Sewage Sludge

2019 – 2023 Data



Gypsum

2019 – 2023 Data

Questions?

2025 Proposed Rulemaking Update (Agenda Item 5 v)

California Code of Regulations

- At the Feb 2024 FIAB meeting, the fertilizer program identified the proposed rulemaking for 2025
- With the passing of SB 1522, we combined with additional revisions pertaining to beneficial substances and plant biostimulants
- The new rulemaking will be more comprehensive to address the product category change in SB 1522



2025 Proposed Rulemaking Update

- Proposed text submitted to FIAB Rulemaking Subcommittee in September 2024

Primary Changes:

- All references of “Auxiliary Soil and Plant Substance” and “Packaged Soil Amendment” product categories changing to “Beneficial Substances”
- Revises “Contains Nonplant Food Ingredients” label format to “Contains Beneficial Substances”



2025 Proposed Rulemaking Update Continued

Primary Changes (continued):

- Adding “If Claimed” for NPK, to provide industry with flexibility on whether or not they wish to claim NPK when present
- Including sections on “*beneficial substances intended to condition soils solely through physical means*” for guidance on materials that were previously ingredients for soil amendments
- Coordinating changes to the product registration cycle as SB 1522 revised it from two years to four years



(Agenda Item 5)

Fertilizer Registration Updates

Instituted a registration application numbering system:

**1 for minor changes, 2 for moderate changes,
or 3 for significant changes required**

Easier for registration staff to determine “at a glance” within their work queue which records may be able to be quickly processed



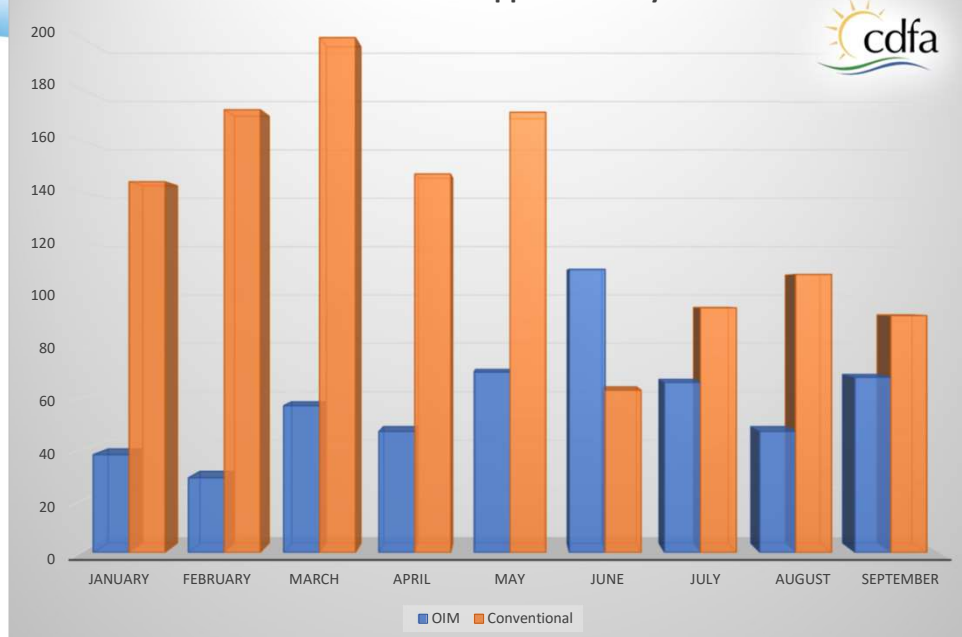
Fertilizer Registration Updates

For 2025, we will be looking at automating renewals for commercial fertilizers and bulk agricultural minerals when there are no changes to the previously approved label

- ❖ This accounts for about 20% of renewals and will help us gain efficiencies to streamline the overall renewal process



2024 New Fertilizer Applications by Month



Fertilizer Applications: Jan – Sept 2024

OIM NEW	OIM Renewals	Total OIM
509	1,046	1555

Combined Total
6,742

Conventional NEW	Conventional Renewals	Total Conventional
1,181	4,006	5,187



Fertilizer Registration Updates

Through September 26, 2024

- ❖ New Conventional Applications over 90 days: **58**
- ❖ Re-submitted Conventional Applications over 90 days: **73**

- ❖ New OIM Applications over 90 days: **36**
- ❖ Re-submitted OIM Applications over 90 days: **55**
- ❖ **222 total over 90 days = 5.2%**

Combined Total
6,742



2,468
2nd Half Renewals

= 4,274
applications





Fertilizer Field Staff Updates

NICOLE SMITH, SENIOR ENVIRONMENTAL SCIENTIST, SUPERVISORY

2024 Sampling Totals (as of 9/25/24)

939 Total Samples

- 472 Conventional
- 467 OIM

2024 Notice of Proposed Actions (NOPAs) (as of 9/25/24)

18 TOTAL

- 7 PAID
- 2 UNPAID – JUDGEMENT FILED
- 9 WAITING FOR RESPONSE FROM FIRM OR FIRM REQUESTED HEARING

Total assessed \$101,629.48

TOTAL RECEIVED \$30,867.56

2023 Complaints (as of 9/25/24)

20 TOTAL

- 19 – CLOSED
- 1 – PENDING FURTHER INVESTIGATION

2024 Complaints (as of 9/25/24)

17 TOTAL

- 11 – CLOSED
- 6 – PENDING FURTHER INVESTIGATION



FREP Updates

(Agenda Item 5 viii)

**FERTILIZER INSPECTION
ADVISORY BOARD**

OCTOBER 23, 2024

Update Items



- Technical Advisory Subcommittee (TASC) Membership Recommendations
- FREP Conference Staffing, Fall and Winter 2024-25

TASC Vacancies and Applicants



Terms Expiring

- Tom Bottoms
- Jairo Diaz
- Ehsan Toosi
- Rob Mikkelsen

TASC Applicants (Alphabetical order)



Applicant	Association and Title	Background and Experience
Tom Bottoms	Owner, Tremont Farms, LLC	20 years of experience with nitrogen cycling, irrigation efficiency, postharvest fruit quality, salinity in vegetable row crops and tree crops
Thomas Denney	Owner, Denney Ag Consulting LLC	15 years of experience in nitrogen and Potassium on-farm trials in stone fruits and nut trees, processing tomatoes, vine seed, rice
Jairo Diaz	Director Desert Research and Extension Center, University of California Agriculture and Natural Resources	Over 15 years of experience in water resources, monitoring and modeling, irrigation and nutrient management in vegetable and forage crops

TASC Applicants (Alphabetical order) Continued



Applicant	Association and Title	Background and Experience
Raquel Gomez	Technical Agronomist, Brandt	10 years experience in crop physiology, nutrient uptake, postharvest quality, biostimulants, fertilizer efficiency in tree and vine crops, and strawberries
Christopher Hight	Laboratory Manager, Graduate Researcher Betteravia Farms, UC Davis	10 years of experience in nitrogen mineralization, organic amendments in brassicas, lettuce, spinach, strawberries, cane berries, blueberries
Victor Lopez	President/CEO, Rockwood Ag Services, Inc	20 years of experience in industry seed, crop protection, and crop nutrition trials in tomatoes, peppers, strawberry, avocado, citrus, leafy greens, and cucurbit

TASC Applicants (Alphabetical order) Continued



Applicant	Association and Title	Background and Experience
Chris Shogren	Extension Advisor, Vito	20 years of experience in entomology, plant nutrition and fertility, irrigation, plant pathology in nursery and citrus
Ehsan Toosi	Director of Research and Development True Organic Products	20 years experience in carbon and nutrient cycling, organic matter transformations, commercial product research in annual and perennial cropping systems
Kenneth Wiener	Partner, American Stone Pioneers	Over 20 years experience in Industrial minerals and fruit trees

Recommended TASC Approvals



Applicant	Association and Title	Background and Experience
Tom Bottoms	Owner, Tremont Farms, LLC	20 years of experience with nitrogen cycling, irrigation efficiency, postharvest fruit quality, salinity in vegetable row crops and tree crops
Jairo Diaz	Director Desert Research and Extension Center, UC Agriculture and Natural Resources	Over 15 years of experience in water resources, monitoring and modeling, irrigation and nutrient management in vegetable and forage crops
Chris Shogren	Extension Advisor, Vito	20 years of experience in entomology, plant nutrition and fertility, irrigation, plant pathology in nursery and citrus
Ehsan Toosi	Director of Research and Development True Organic Products	20 years experience in carbon and nutrient cycling, organic matter transformations, commercial product research in annual and perennial cropping systems

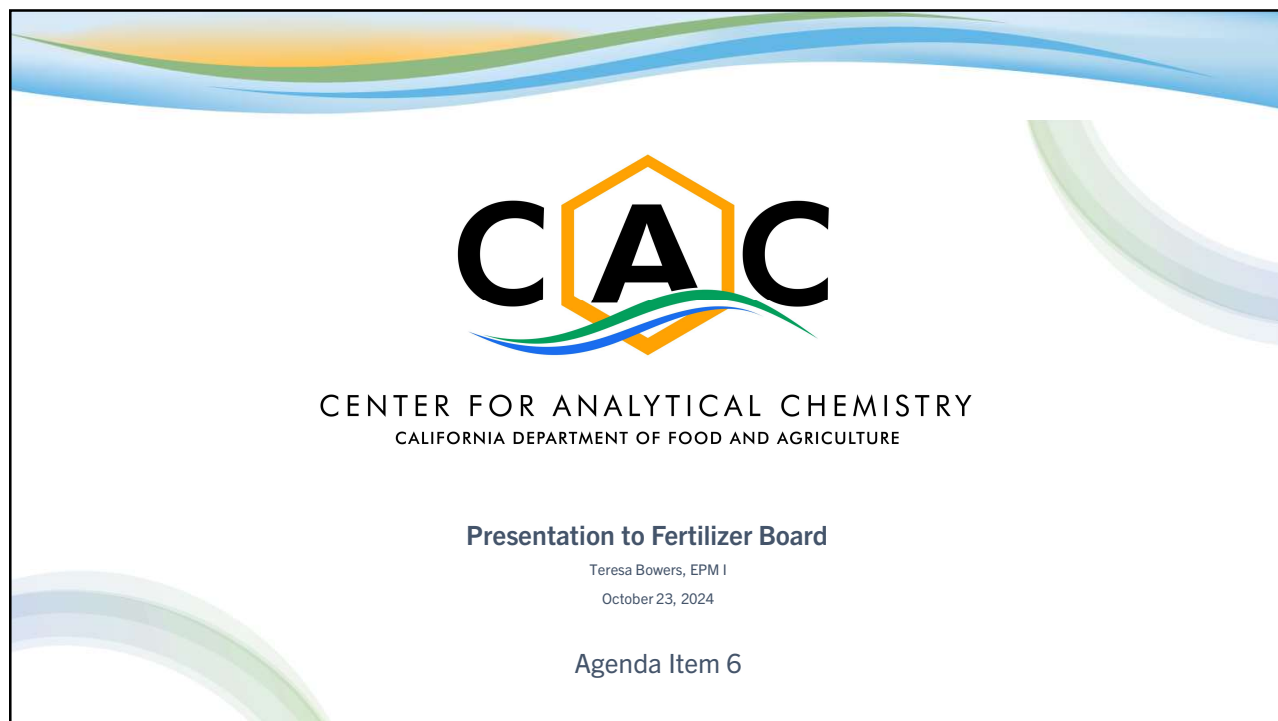
Highlight denotes reappointment

FREP Staff Fall and Winter 2024-25 Outreach



Conference Name	Location	Dates
Progressive Crop Consultant	Visalia	Sept 25 – 26
Black Farmers Conference	Fresno	Sept 27
CA Assn of Pest Control Advisors	Anaheim	Oct 13
FREP-WPH Nutrient Management	Seaside	Oct 28-30
Latino Farmer Conference	Monterey	Nov 19-20
CA Assn of Resource Conservation Districts	Sacramento	Dec 10-12
The Almond Conference	Sacramento	Dec 10-12
CA Plant and Soil Conference	Visalia	Feb 6-7





ASSAYS COMPLETED FOR SAMPLES RECEIVED 7/1/23 - 6/30/24

Assay	Number of assays	Rush	Priority	Avg turn around time (Bus. days)	% of assays completed		
					0 - 10 days	0 - 15 days	0 - 21 days
Arsenic	333	0	0	15	21%	51%	79%
Boron	108	0	0	14	35%	63%	93%
Cadmium	333	0	2	15	21%	51%	79%
Calcium	258	0	0	15	27%	60%	88%
Calcium - Water soluble	0	0	0	NA	NA	NA	NA
Calcium Carbonate	4	0	0	13	33%	100%	100%
Calcium Carbonate Equivalent	4	0	0	13	33%	100%	100%
Chlorine	40	0	8	16	28%	50%	73%
Cobalt	15	0	0	16	13%	56%	88%
Copper	101	0	1	14	25%	58%	92%
Density	69	0	33	4	96%	97%	97%
Free Water	12	0	0	13	40%	70%	80%
Gypsum Equivalent - Calcium	11	0	0	25	0%	10%	30%
Gypsum Equivalent - Sulfur	11	0	0	25	0%	10%	30%
Humic Acid	108	0	2	15	38%	58%	80%
Iron	197	0	2	14	29%	62%	91%
Lead	333	0	0	15	21%	51%	79%
Magnesium	167	0	0	14	28%	65%	89%
Magnesium Carbonate	2	0	0	13	0%	100%	100%
Manganese	157	0	1	14	28%	65%	89%

ASSAYS COMPLETED FOR SAMPLES RECEIVED 7/1/23 - 6/30/24

Assay	Number of assays	Rush	Priority	Avg turn around time (Bus. days)	% of assays completed		
					0 - 10 days	0 - 15 days	0 - 21 days
Moisture	10	0	0	11	33%	100%	100%
Molybdenum	92	0	0	15	22%	48%	91%
Nitrogen - Ammoniacal	82	0	26	10	62%	82%	90%
Nitrogen - Nitrate	34	0	14	16	34%	61%	71%
Nitrogen - Total	1160	0	169	6	85%	91%	95%
Organic Matter	26	0	0	13	42%	47%	95%
pH	67	0	35	3	98%	100%	100%
Phosphoric Acid - Available	660	0	48	11	51%	78%	89%
Phosphoric Acid - Total	2	0	0	13	0%	100%	100%
Phosphorus	2	0	0	6	100%	100%	100%
Potassium	0	0	0	0	NA	NA	NA
Potassium - Soluble	754	0	13	11	52%	77%	91%
Sodium	36	0	8	15	18%	58%	88%
Soluble Silicon	3	0	0	26	0%	0%	0%
Sulfur - Sulfate	13	0	0	14	9%	55%	55%
Sulfur - Total	314	0	19	14	32%	62%	91%
Thiamine	3	0	0	30	0%	0%	33%
Urea	97	0	11	14	38%	58%	79%
Water Insoluble Nitrogen	122	0	15	16	46%	59%	64%
Water Soluble Nitrogen	110	0	14	17	33%	53%	66%
Zinc	185	0	0	13	29%	58%	91%

TOTAL NUMBER OF ASSAYS 6035

AVERAGE TURN AROUND TIME 14

ASSAYS COMPLETED FOR SAMPLES RECEIVED 4/1/24 - 6/30/24

Assay	Number of assays	Rush	Priority	Avg turn around time (Bus. days)	% of assays completed		
					0 - 10 days	0 - 15 days	0 - 21 days
Arsenic	91	0	1	11	40%	94%	100%
Boron	30	0	1	10	68%	82%	100%
Cadmium	91	0	1	11	39%	94%	100%
Calcium	94	0	1	12	53%	75%	98%
Calcium Carbonate	1	0	0	10	100%	100%	100%
Calcium Carbonate Equivalent	1	0	0	10	100%	100%	100%
Chlorine	9	0	2	12	30%	80%	100%
Cobalt	4	0	0	15	40%	40%	100%
Copper	30	0	1	11	57%	71%	100%
Density	28	0	6	3	100%	100%	100%
Free Water	4	0	0	6	100%	100%	100%
Gypsum Equivalent - Calcium	4	0	0	16	0%	50%	100%
Gypsum Equivalent - Sulfur	4	0	0	16	0%	50%	100%
Humic Acid	34	0	0	11	68%	82%	95%
Iron	56	0	1	11	56%	78%	97%
Lead	91	0	1	11	39%	94%	100%
Magnesium	45	0	1	12	50%	78%	97%
Magnesium Carbonate	0	0	0	0	0%	0%	0%
Manganese	41	0	1	11	50%	68%	95%

ASSAYS COMPLETED FOR SAMPLES RECEIVED 4/1/24 - 6/30/24

Assay	Number of assays	Rush	Priority	Avg turn around time (Bus. days)	% of assays completed		
					0 - 10 days	0 - 15 days	0 - 21 days
Moisture	1	0	0	7	100%	100%	100%
Molybdenum	22	0	1	14	26%	48%	100%
Nitrogen - Ammoniacal	16	0	6	5	91%	91%	100%
Nitrogen - Nitrate	6	0	5	10	46%	85%	100%
Nitrogen - Total	370	0	24	4	99%	100%	100%
Organic Matter	7	0	0	11	50%	100%	100%
pH	15	0	3	3	100%	100%	100%
Phosphoric Acid - Available	184	0	9	8	78%	97%	100%
Phosphoric Acid - Total	0	0	0	0	N/A	N/A	N/A
Potassium - Soluble	221	0	8	8	80%	96%	100%
Sodium	4	0	2	12	60%	60%	100%
Soluble Silicon	0	0	0	0	N/A	N/A	N/A
Sulfur - Sulfate	4	0	0	14	0%	100%	100%
Sulfur - Total	102	0	9	11	62%	80%	100%
Thiamine	1	0	0	24	0%	0%	0%
Urea	28	0	4	11	50%	61%	86%
Water Insoluble Nitrogen	29	0	4	16	32%	68%	68%
Water Soluble Nitrogen	32	0	4	16	50%	67%	71%
Zinc	59	0	1	12	50%	67%	100%

TOTAL NUMBER OF ASSAYS	1759
AVERAGE TURN AROUND TIME	11

Sample Information

July 1, 2023 – June 30, 2024

Total Number of Samples Received	1124
Routine	90.2%
Priority	9.8%
Rush	0.0%
Total Number of Samples Completed	1056

April 1, 2024 – June 30, 2024

Total Number of Samples Received	331
Routine	90.3%
Priority	9.7%
Rush	0.0%
Total Number of Samples Completed	380

Completed Assay Information

July 1, 2023 – June 30, 2024

Assay Type	% of Completed Assays	# of Assays
Routine	91.2%	5507
Rush	0.0%	0
Priority	8.9%	538
Total Number of Assays Requested		5846

Assay Type	% of Completed Assays	# of Assays
Re-run	8.7%	528
Total Number of Assays Completed		6035
Average # of Assays Completed per Sample		5.7

April 1, 2024 – June 30, 2024

Assay Type	% of Completed Assays	# of Assays
Routine	88.1%	1418
Rush	0.0%	0
Priority	11.9%	192
Total Number of Assays Requested		1610

Assay Type	% of Completed Assays	# of Assays
Re-run	11.0%	149
Total Number of Assays Completed		1759
Average # of Assays Completed per Sample		4.6

CAC Program Updates

- Average Turn around time down from 12 days in Q3 -> 11 days in Q4.
- Laboratory upgrade (benches, utility lines, electrical, etc.) was completed as part of efforts to further modernize and improve infrastructure (CAC's funds was used).
- Ion Chromatography Technology was added to ISO 17025 scope.
- ISO 17025 audit was successful, and certification was renewed for 2 years.



Program Updates Continued

- New Sulfur Analyzer was installed and validation is in progress, to serve as secondary confirmation platform.



CAC Proposed Budget – FY 25/26

FERTILIZER- 9999000482	ACTUAL 2022-23 EXPENSES	APPROVED REVISED 2023-24 BUDGET	ACTUAL 2023-24 EXPENSES	APPROVED 2024- 25 BUDGET	PROPOSED 2025- 2026 BUDGET
PERSONNEL SERVICES					
Salaries and Wages	\$694,687	\$754,226	\$676,396	\$757,160	\$718,071
Staff Benefits	\$347,343	\$377,113	\$462,552	\$378,580	\$475,855
TOTAL PERSONNEL SERVICES	\$1,042,030	\$1,131,340	\$1,138,948	\$1,135,741	\$1,193,926
TOTAL OPERATING EXPENSES	\$160,762	\$204,398	\$184,618	\$176,838	\$185,680
EQUIPMENT & SUPPLIES					
* Equipment and Maintenance	\$163,033	\$150,000	* \$196,086	\$150,000	\$150,000
Ag Supplies and Services	\$214,361	\$126,500	\$79,748	\$132,825	\$139,466
TOTAL EQUIPMENT & SUPPLIES	\$377,394	\$276,500	\$275,834	\$282,825	\$289,466
TOTAL DISTRIBUTED COSTS	\$325,561	\$282,700	\$237,354	\$296,835	\$249,222
TOTAL OE&E	\$863,717	\$763,598	\$697,806	\$756,498	\$724,368
SUBTOTAL PROGRAM COSTS	\$1,905,748	\$1,894,938	\$1,836,754	\$1,892,239	\$1,918,294
TOTAL PROGRAM COSTS	\$1,905,748	\$1,894,938	\$1,836,754	\$1,892,239	\$1,918,294

* Redirect is in process \$34,362

Agenda Item 7

Fertilizer Inspection Advisory Board (FIAB) Vacancies

Presented By:

- Nick Young, EPM I





FIAB Terms Expire on December 31, 2024

1. Jake Evans
2. Greg Cunningham
3. Gus Olson

Vacancy applications are accepted through **November 25, 2024.**

A special virtual FIAB Meeting will be required to vote on applicants prior to December 31, 2024.



Questions?