



COMMERCIAL FEED
REGULATORY PROGRAM

QUARTERLY FEED UPDATE

Issue 5 | Winter 2021

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January 18, 2021
Martin Luther King
Jr. Day

January 30, 2021
2020 Quarter 4
Tonnage Tax Due

February 15, 2021
Presidents' Day

March 31, 2021
Cesar Chavez Day

New Laboratory Services Partnership

The Commercial Feed Regulatory Program (CFRP) is excited to announce a new partnership with two laboratories at the University of California, Davis (UC Davis) for analysis of feed samples – the UC Davis Analytical Laboratory (An Lab) and the California Animal Health and Food Safety Services (CAHFS) laboratory.

The An Lab is a high production agricultural and environmental laboratory testing soil, plant material, water, wastewater, and animal feed located on the UC Davis campus. The An Lab will provide CFRP's label compliance sample analyses, including crude fat, crude protein, ash, moisture, and fiber. In addition, the An Lab will be preparing all feed samples for testing, including grinding and drying.

The CAHFS lab is a service unit within the UC Davis School of Veterinary Medicine. CAHFS serves the people of California by safeguarding public health and agriculture with rapid and reliable diagnoses for animal diseases affecting humans, livestock and poultry. CAHFS' Toxicology section offers state of the art technologies to detect natural and synthetic toxicants, in addition to measuring electrolyte, mineral, and vitamin levels and is accredited by the American Association for Laboratory Accreditation (A2LA) per International Standard (ISO) 17025. The CAHFS lab will provide CFRP's feed safety sample analyses, including drugs in medicated feed (antibiotics, coccidiostats, monensin/ionophores, etc.), chemical contaminants (mycotoxins, pesticides, heavy metals), and nutritional components, including nutritional deficiencies (vitamins, minerals, etc.).

The California Department of Food and Agriculture's Center for Analytical Chemistry (CAC) will continue to analyze all almond hull samples for the next year. CFRP thanks the CAC management and staff for their many years of service to California's feed industry. Stay tuned for updates in the coming months as CFRP continues to build this exciting new partnership with the UC Davis labs.



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Change in Tonnage Tax Rate

Upon recommendation of the Feed Inspection Advisory Board, the inspection tonnage tax rate is decreasing from the current rate of twelve cents (\$0.12) per ton down to ten cents (\$0.10) per ton.

This reduced rate will be effective for feed sold beginning January 1, 2021.

For more information, contact the Feed, Fertilizer, and Livestock Drugs Regulatory Services (FFLDRS) Branch by calling 916-900-5022 or visiting <http://www.cdfa.ca.gov/is/ffldr/>.

PCQI Training Summary

The Safe Animal Feed Education (SAFE) Program hosted two Food Safety Preventive Controls Alliance Preventive Controls Qualified Individual (PCQI) for Animal Food Training sessions in December. Six participants completed the first course and nine completed the second. Although a portion of this course is typically completed in person, both sessions were held virtually using the Zoom videoconferencing platform due to Covid-19 restrictions.

No additional training dates are scheduled at this time, but please contact SAFE if you are interested in attending a future session.

Feed Technical Advisory Subcommittee

The Technical Advisory Subcommittee (TASC) of the Feed Inspection Advisory Board (FIAB) is composed of feed industry experts, including those with knowledge in nutrition, animal health, toxicology, feed/food safety, animal agriculture, and principles of experimental research. The TASC met virtually via the Zoom videoconferencing platform on December 16, 2020. The members discussed an upcoming proposed commercial dairy feeding research trial evaluating the efficacy of a specific variety of *Asparagopsis* seaweed meal.

Previous research of the *Asparagopsis* seaweed meal has been conducted and promising results showed decreased greenhouse emissions from cattle fed the seaweed at 0.5% of the total cattle ration. This specific seaweed meal is being marketed to be fed to cattle or other ruminants as a broader initiative to lower methane emissions of these animals. The TASC voted to recommend the usage of the *Asparagopsis* seaweed meal product in the commercial feeding trial to the FIAB.



Asparagopsis seaweed

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Hemp By-Product Feeding Trial Update

A novel by-product from the production of cannabidiol (CBD) oil has been identified as a potential feed for livestock animals. Little is known about the safety and efficacy of this by-product as a livestock feed. To better understand this by-product, the Safe Animal Feed Education (SAFE) Program supported funding for a hemp by-product feeding trial conducted at University of California (UC) Davis.

Phase I of the project evaluated the possible cannabinoid levels in the feed. The hemp by-product was evaluated to contain <1% CBD and had no detectable levels of tetrahydrocannabinol, more commonly referred to as THC. Phase II of the project included feeding goats the hemp by-product as a component of their feed and evaluating if the CBD was transferred to the goat's body or into the milk produced by the goat.

Phase II has since concluded, and UC Davis is currently running analysis to determine if the CBD has the potential to enter the goat's milk. Data from the trial will be available soon - stay tuned for more updates!



SAFE Program's Senior Environmental Scientist, Specialist, Samantha Moran-Defty evaluates the research trial



Goats eating hemp by-product as a component of their feed



Feeding trial participant



Milk being collected from goats at UC Davis

Have feed questions? We can help!

CONTACT US



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[VIEW FIELD STAFF TERRITORY MAP](#)

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