

DRAFT

Agenda Item 2

**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE (CDFA)
FEED INSPECTION ADVISORY BOARD (FIAB) MEETING**

**California Department of Food and Agriculture
2800 Gateway Oaks Drive, Room 101
Sacramento, CA 95833
(916) 900-5022**

**July 13, 2016
9:00 AM**

MINUTES

Members

John Walth, Chair
John Kauffmann, Vice Chair
Doug Stabelfeld
John Silva
Marit Arana
Paul Parreira
Thomas Prokop
Tim Riordan

Members Absent

Michael Koewler

CDFA Staff

Amadou Ba
Angelia Johnson
Brittnie Sabalbro
Cathryn McCandless
Elaine Wong
Gary Castro
Hannah Garrett
Jenna Areias
Jennifer Goucher
Kristen Fernandez
Maria Tenorio
Mike Davidson
Natalie Krout-Greenberg
Samantha Moran
Timothy Valles
Vanessa Jivan

Interested Parties

Chris Zanobini
Martin Perez
Robert Holmes
Shay Rambur
Tad Bell

INTRODUCTIONS AND ANNOUNCEMENTS

Mr. John Walth, Chairman, called the meeting to order at 9:00 a.m. He advised attendees per the Bagley-Keene Open Meeting Act, interested parties are not required to sign in or identify themselves. Board member Mr. Michael Koewler was absent.

APPROVE MEETING MINUTES

Chairman Walth requested the board review the minutes of the March 9, 2016 FIAB meeting.

MOTION: Dr. Marit Arana moved to approve the meeting minutes; Mr. John Kauffmann seconded. The motion passed unanimously with a vote by all board members present of 8 - 0.

DEPARTMENT / DIVISION / BRANCH UPDATE

Ms. Natalie Krout-Greenberg reported that Mr. Rick Jensen recently retired July 1, 2016. She was appointed as CDFA's Director of Inspection Services. Ms. Krout-Greenberg started with Inspection Services in 2005 and has served in various program roles, most recently as the Division's Special Assistant since 2010. Ms. Krout-Greenberg introduced two interns for CDFA's summer program, Ms. Kristen Fernandez, currently a senior at Cal Poly, and Ms. Hannah Garrett, whose interest is to become an agricultural teacher. CDFA's Internship Program, created two years ago, is designed for college students of all majors and backgrounds who have an interest in agriculture, California government, and public service.

Assembly Bill (AB) 1321, established the Nutrition Incentive Matching Grant Program under the Office of Farm to Fork. The Office was tasked to create a statewide Nutrition Incentive program, to match the funds for fresh fruits and vegetable purchases; the Department received \$2.5 million of general fund each fiscal year for the next two years.

Ms. Krout-Greenberg announced the Food and Drug Administration (FDA) appointed Dr. Stephen Ostroff, as FDA Deputy Commissioner for Foods and Veterinary Medicine. He replaced Mr. Mike Taylor.

Furthermore, Ms. Amber Morris was appointed as the Medical Cannabis Cultivation Program's (MCCP) Environmental Program Manager II. MCCP's three key functions are focused on environmental impact report developing regulations and developing the IT solutions for licensing along with the Track and Trace system.

Dr. Amadou Ba provided a board appointment update stating the Secretary accepted Mr. Thomas Prokop, Mr. John Walth as returning board members. He introduced Mr. Doug Stabelfeld as the newly appointed board member.

Dr. Ba reported AB 1811 and AB 2511 impacting the Fertilizing Materials Inspection Program, are still working their way through the legislative process. AB 1811, introduced by Assembly Member Dodd, pertains to the frequency of organic input material (OIM) inspections. AB 2511, introduced by Assembly Member Levine, pertains to biochar. The branch does not foresee any issues regarding AB 1811 and AB 2511 and anticipates both will pass as amended.

Dr. Ba stated budget fiscal year (FY) 16/17 and FY 17/18 will be addressed at the next FIAB meeting due to movement on fiscal issues regarding FY 15/16.

Dr. Ba informed the board that UC Davis compiled a report on Nitrogen Assessment, looking at a holistic view of nitrogen flow in California. The goal of the report is to observe every nitrogen import and export throughout the state. The report is yet to be released, but in the meantime UC Davis staff have met with different stakeholders and Secretary Ross to discuss the content of the report and the potential release date of the final report.

Dr. Ba reported on another issue that may impact the State Organic Program (SOP) and the OIM program, is the use of organic compost. The court decided the United States Department of Agriculture National Organic Program (USDA-NOP) must promulgate regulations and vacate the USDA-NOP Guidance 5016 pertaining to the allowance of green waste in organic production system effective August 22, 2016.

FEED AND LIVESTOCK DRUGS PROGRAM UPDATE

Ms. Jenna Areias introduced the Feed Program staff including Ms. Angelia Johnson who tracks all budgetary matters of the program such as Tissue Residue (TR), Bovine Spongiform Encephalopathy (BSE), and Animal Feed Regulatory Program Standards (AFRPS) contracts. Ms. Shelly King, Special Investigator (SI) from Southern California who's developing Livestock Drug (LD) regulations and reviews BSE; Ms. Cathryn McCandless with the Safe Animal Feed and Education Program (SAFE); Ms. Jennifer Goucher with LD; Ms. Vanessa Jivan handles all federal contracts and billing; Ms. Samantha Moran and Mr. Gary Castro handles grants and special projects, and Mr. Timothy Valles handles all Feed licenses.

Ms. Areias announced Mr. Josh Davila as the Feed program's new Agricultural Technician II as of May 2016; he will conduct inspections in the Southern San Joaquin Valley region. Mr. Davila came to CDFA with an agricultural background and previous veterinary technician experience. After 39 years of state service, Mr. Frank Delgado, SI of Northern CA territory, retired as of July 15, 2016. The program will begin to advertise the vacant SI position.

FUND CONDITION/TONNAGE REPORTING

Ms. Areias stated the beginning balance as of July 1, 2015, the total combined funds for the Feed and SAFE program was \$1,855,473. From July 1, 2015 through May 31, 2016, total combined revenue for the Feed and SAFE program was \$4,057,268; expenditures were \$2,792,097; encumbrances were \$191,310 which included vehicles, contracts, building and equipment. As of May 31, 2016, the total ending balance for the Feed program was \$2,869,598, the ending balance for the SAFE program was \$59,736 with an adjusted combined ending balance of \$2,929,334.

Ms. Areias stated upon adoption of Senate Bill (SB) 27, the program will create two separate budgets each for the Feed and LD Program. Each program will have their own

revenue and Program Cost Account (PCA) code; all will be tracked and monitored separately.

The Feed program received an AFRPS grant of \$300,000 and is working with Human Resources for full time positions to do AFRPS work. The program anticipates one position in the next federal FY.

LIVESTOCK DRUGS/SB 27 UPDATE

Ms. Areias stated there are 1,092 labels approved/provisional; 2 pending review; 96 data revisions; 64 expired; 1 pending pay; 3 new, and 117 discontinued; totaling 1,258 labels received by the program since January 1, 2016 renewal.

The LD program anticipates new LD laws and a complete set of regulations. The LD's program staff, Ms. King will assist in the process of developing regulations, in areas of registration, residue, licensing, and any missing elements needed for clarification in statute.

SB 27 is pending an unofficial program name, "Antimicrobial Use and Stewardship Services Program (AUSS)". CDFA held two meetings with stakeholders, industry, and Division staff, to identify the purpose, goals, and priorities in areas of monitoring, stewardship, and regulatory compliance of AUSS.

With approval of SB 27, the program was supplied with 3.5 positions and \$550,000 in general funds for FY 16/17. The program is identifying positions and drafting duty statements in coordination with the Animal Health Division to begin hiring July 1, 2016. One position will draft regulations, the half position will provide outreach and education to all LD retailers, oversee field activities and regulation development, and one scientist position for research and antimicrobial research, technical research with USDA and FDA.

Ms. Areias reiterated that the AFRPS 11 Standards is an FDA grant recommended to have standards in place, it is an internal process documentation of improvements. Documentation includes a detailed sampling plan of what the program is sampling, scheduling and frequency of samples, the amount of assays, and how to work with Center for Analytical Chemistry (CAC) in reporting samples. It is a FDA requirement to have a mutual reliance or equivalency.

Ms. Moran, Feed, Fertilizer and Livestock Drug (FFLD) Inspector, is assisting with AFRPS grant for regulatory compliance. The program has focused on each standard to achieve requirements before implementing procedures. An improvement plan was created for self-assessment to ensure each standard outlines each task, including certificate of completion dates, in order to develop procedures and templates.

Ms. Areias stated the feed program is considering adopting the Food Safety Modernization Act Good Manufacturing Practices (FSMA GMP) regulations into the CA Commercial Feed Regulations. Additionally, the program plans to adopt the American Association of Food Control Officials (AAFCO) required guarantees for formula feed for specific species and class of livestock and develop regulations to define new feed ingredients and to recognize the AAFCO Official Publication feed ingredient definitions.

Mr. Tim Riordan suggested a working group to assist with the regulatory framework on proposed regulations for the Commercial Feed law and LD laws. Mr. Riordan, Mr. Paul Parreira, and Mr. John Kauffman were recommended as the working group.

SAFE AND TASC UPDATE

Ms. McCandless stated CDFA hosted the FSMA Seminar in conjunction with the California Grain and Feed Association (CGFA) held on March 10, 2016. The seminar was successful with 130 attendees and allowed CDFA to provide resources to the industry; resources and information are available on the website. The Feed and SAFE program staff are planning to participate in Lead Auditor and Train the Trainer training through the Food Safety Preventive Controls Alliance (FSPCA). The curriculum has not been finalized to allow program staff be trained as it should have been finalized by FDA in June 2016; it will be completed September 2016.

FSMA readiness meetings with all top priority firms allowed field staff to identify firms who are most impacted. SAFE program staff have performed FSMA readiness with each firm to prepare for self-audits for FSMA.

FDA UPDATE

Ms. Areias presented Ms. Jessica Darnielle, FDA State Liaison, who oversees Feed and TR contracts with CDFA. She is an asset to the Feed program who assists to ensure the program is meeting all turnaround times for contract paperwork to gain program efficiency and improvements. Ms. Darnielle stated as of April 2016, FDA finalized sanitary transportation human-animal feed rule, to prevent practices of transportation that can cause feed safety risks such as inadequate refrigeration or maintenance. In May 2016, FDA finalized mitigation strategy for firms required to register with FDA as a food facility, to protect food against intentional adulteration by assessing, protecting food source, and establishing any mitigation strategies.

FSPCA Alliance website lists dates and location for the "Qualified Individual" Training. Ms. Darnielle stated FSMA questions may be referred to as FSMA's Technical Assistance Network (TAN) as a FDA tool for frequently asked questions. FDA guidance documents are pending.

CAL RECYCLE REGULATION UPDATE

Mr. Robert Holmes, Cal Recycle's Manager of Training and Assistance Section, announced Cal Recycle completed revisions to existing regulations effective as of January 2016.

Cal Recycle obtains authority from the Public Resources Code to ensure solid waste such as landfills, transfer stations, and composting facilities are handled appropriately. The regulatory framework is centered toward controlled or uncontrolled decomposition of organic waste. Exclusions listed under the California Code of Regulations, Title 14, Section 17855a pertain to the feed program and industry. The term "licensed" was added in exclusions for animal food manufacturing operation or a rendering operation; the operation may be "licensed" by CDFA.

CAC LAB REPORT AND UPDATE

Ms. Areias stated the program is required to report analyses such as fiber and moisture in almond hulls; however, for informational purposes only, the CAC has been reporting acid digestion fibers (ADF) on almond hull samples based on a request from the Almond Hulling industry.

Mr. Tad Bell stated reports have shown ADF is not a stable test for almond hulls due to pectin affecting ADF numbers. It appears that neutral digestion fibers (NDF) was the better standard of testing than ADF. Almond Alliance of California offered to visit each lab to identify different processes and then planned to meet with CAC to discuss further. Mr. Bell suggested the board approve switching to reporting NDF for informational purposes only. Mr. Parreira advised the program and CAC lab stop reporting ADF and start reporting NDF samples; he recommends CAC become equipped to test NDF samples on almond hulls. Mr. Riordan requested a list of current equipment and procedures be developed that included national laboratory standards.

MOTION: Mr. John Walth stated the working group recommends CAC begin NDF sampling and to discontinue ADF sampling. Mr. Tom Prokop moved to approve; Mr. John Kauffmann seconded. The motion passed unanimously with a vote by all board members present of 8 - 0.

Ms. Elaine Wong stated AFRPS grant focuses on Standard 10 which requires CAC to be International Organization for Standards (ISO) certified. CAC lab staff, Mr. Stanley Kobata are working on Standard 10 to obtain Standard Operating Procedures (SOP). Most of CAC is ISO accredited in the food section, however, CAC is working to get more feed procedures accredited; CAC added protein and crude fiber. This year, CAC was audited by ISO; the lab expects to receive an audit evaluation by the end of September 2016.

Due to CAC already being ISO certified in the food section of the lab, they were identified as a mentor lab for West Virginia. CAC has quarterly conference calls and will continue to work with West Virginia regarding AFRPS and any issues on SOPs, tracking, and other components of the lab to assist them in becoming ISO certified.

Ms. Wong announced with 40 years of state service Mr. John Harriger retired. He was the primary operator of screening mineral and metal analyses. CAC is in the process of filling the position.

AGENDA ITEMS FOR FUTURE MEETINGS

Chairman Walth asked the board for agenda items for the next meeting. Mr. Parreira requested the cost of NIR equipment to run NDF versus ADF samples. NIR equipment will be included in the line item to the program's budget. Mr. Bell stated it will be informational to know what other programs would benefit from NIR.

Mr. Mike Davidson suggested a working group meet after Ms. King completes draft LD regulations. An update from the working group regarding LD regulations will be added to the agenda for the next FIAB meeting.

NEXT MEETING

Chairman Walth recommended the next meeting will be in October 2016. The board members will be polled to select a date.

MOTION: Mr. John Silva moved to adjourn the meeting; Mr. Doug Stabelfeld seconded. The motion passed with a 8 – 0 vote.

The meeting was adjourned at 12:02 p.m. by Chairman Walth.

Respectfully Submitted By



Jenna Areias, Feed Program Supervisor
Feed, Fertilizer, and Livestock Drugs Regulatory Services

7/13/2016
Date

**FEED INSPECTION ADVISORY BOARD
FINANCIAL SUMMARY**

**Feed and Livestock Drugs/AUSS
FUND CONDITION REPORT
As of June 30, 2016**

| | FY 2015/16 |
|------------------------------------------|---------------------|
| Beginning Balance as of 7/1/2015: | |
| CDFA Account | \$ 1,139,909 |
| Bank of America Account | \$ 656,775 |
| Total Funds | \$ 1,796,684 |
| <hr/> | |
| Revenue* | \$ 3,910,422 |
| <hr/> | |
| Expenditures and Encumbrances | |
| Expenditures** | \$ 2,994,187 |
| Encumbrances | \$ 121,490 |
| <hr/> | |
| Ending Balance as of 6/30/16: | |
| CDFA Account | \$ 1,125,250 |
| Bank of America Account | \$ 1,587,669 |
| Total Funds | \$ 2,712,919 |
| Adjusted Balance*** | \$ 2,591,429 |

NOTE: * Revenue includes feed tonnage tax, feed and livestock drugs licensing, restricted livestock drugs registration, interest accrued in the CDFA Fund Account and Bank of America Corporate Account.

** Expenditure total per CDFA Financial Services Budget Report June 30, 2016. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through June 30, 2016

FEED INSPECTION ADVISORY BOARD

FINANCIAL SUMMARY
Feed, Livestock Drugs, and AUSS
FUND CONDITION REPORT
As of September 30, 2016

| | FY 2016/17 | | | | |
|------------------------------------------|---------------------|------------------|--------------------|-------------------|---------------------|
| | FEED | SAFE | LIVESTOCK DRUGS | AUSS | COMBINED TOTAL |
| Beginning Balance as of 7/1/2016: | | | | | |
| CDFA Account | \$ 882,820 | \$ 33,683 | \$ 242,430 | | \$ 1,158,933 |
| Bank of America Account | \$ 1,587,669 | | - | | \$ 1,587,669 |
| General Funds | | | | \$ 550,000 | \$ 550,000 |
| Total Funds | \$ 2,470,489 | \$ 33,683 | \$ 242,430 | \$ 550,000 | \$ 3,296,602 |
| Revenue* | | | | | |
| | \$ 1,295,291 | \$ 95,968 | \$ 8,500 | \$ 0 | \$ 1,399,759 |
| Expenditures and Encumbrances | | | | | |
| Expenditures** | \$ 640,808 | \$ 46,218 | \$ 9,302 | \$ 27,264 | \$ 723,592 |
| Encumbrances | \$ 66,764 | \$ 1,833 | \$ 0 | \$ 401 | \$ 68,998 |
| Ending Balance as of 9/30/16: | | | | | |
| CDFA Account | \$ 843,032 | \$ 83,433 | \$ 241,628 | \$ 522,735 | \$ 1,690,828 |
| Bank of America Account | \$ 2,281,941 | | - | | \$ 2,281,941 |
| Total Funds | \$ 3,124,972 | \$ 83,433 | \$ 241,628 | \$ 522,736 | \$ 3,972,769 |
| Adjusted Balance*** | \$ 3,058,208 | \$ 81,600 | \$ 241,628 | \$ 522,335 | \$ 3,903,771 |

NOTE: * Revenue includes feed tonnage tax, feed and livestock drugs licensing, restricted livestock drugs registration, interest accrued in the CDFA Fund Account and Bank of America Corporate Account.

** Expenditure total per CDFA Financial Services Budget Report September 30, 2016. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through September 30, 2016

Feed Tonnage Breakdown by Fiscal Year

| | 2014/15 | | | 2015/16 | | | 2016/17 | | |
|--------------------|---------------------|---------|-------------------|---------------------|---------|-------------------|-------------------|---------|------------------|
| | \$0.12 | | | 0.12 | | | 0.12 | | |
| | Tonnage Revenue | Rate | Tons | Tonnage Revenue | Rate | Tons | Tonnage Revenue | Rate | Tons |
| JULY | \$ 392,978 | \$ 0.12 | 3,274,817 | \$ 445,185 | \$ 0.12 | 3,709,875 | \$ 257,594 | \$ 0.12 | 2,146,614 |
| AUGUST | \$ 179,407 | \$ 0.12 | 1,495,058 | \$ 313,879 | \$ 0.12 | 2,615,658 | \$ 314,325 | \$ 0.12 | 2,619,372 |
| SEPTEMBER | \$ 10,039 | \$ 0.12 | 83,658 | \$ 31,575 | \$ 0.12 | 263,125 | | \$ 0.12 | 0 |
| Q1 Subtotal | \$ 582,424 | | 4,853,533 | \$ 790,639 | | 6,588,658 | \$ 571,918 | | 4,765,985 |
| OCTOBER | \$ 359,090 | \$ 0.12 | 2,992,417 | \$ 306,709 | \$ 0.12 | 2,555,908 | | \$ 0.12 | 0 |
| NOVEMBER | \$ 400,770 | \$ 0.12 | 3,339,750 | \$ 274,819 | \$ 0.12 | 2,290,158 | | \$ 0.12 | 0 |
| DECEMBER | \$ 11,953 | \$ 0.12 | 99,608 | \$ 42,814 | \$ 0.12 | 356,783 | | \$ 0.12 | 0 |
| Q2 Subtotal | \$ 771,813 | | 6,431,775 | \$ 624,342 | | 5,202,850 | \$ - | | 0 |
| JANUARY | \$ 53,145 | \$ 0.12 | 442,875 | \$ 161,102 | \$ 0.12 | 1,342,517 | | \$ 0.12 | 0 |
| FEBRUARY | \$ 639,986 | \$ 0.12 | 5,333,217 | \$ 395,161 | \$ 0.12 | 3,293,005 | | \$ 0.12 | 0 |
| MARCH | \$ 6,537 | \$ 0.12 | 54,475 | \$ 113,302 | \$ 0.12 | 944,185 | | \$ 0.12 | 0 |
| Q3 Subtotal | \$ 699,668 | | 5,830,567 | \$ 669,565 | | 5,579,707 | \$ - | | 0 |
| APRIL | \$ 299,498 | \$ 0.12 | 2,495,817 | \$ 275,491 | \$ 0.12 | 2,295,760 | | \$ 0.12 | 0 |
| MAY | \$ 315,577 | \$ 0.12 | 2,629,808 | \$ 377,812 | \$ 0.12 | 3,148,430 | | \$ 0.12 | 0 |
| JUNE | \$ 4,737 | \$ 0.12 | 39,475 | \$ 17,213 | \$ 0.12 | 143,439 | | \$ 0.12 | 0 |
| Q4 Subtotal | \$ 619,812 | | 5,165,100 | \$ 670,516 | | 5,587,629 | \$ - | | 0 |
| TOTAL | \$ 2,673,717 | | 22,280,975 | \$ 2,755,061 | | 22,958,845 | \$ 571,918 | | 4,765,985 |

| | FEED | | | | | | | | SAFE | | | | | | | FEED AND SAFE | | |
|-------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|--|
| | ACTUAL | GOVERNOR'S | APPROVED | ACTUAL | GOVERNOR'S | APPROVED | REVISED | PROPOSED | ACTUAL | GOVERNOR'S | APPROVED | ACTUAL | GOVERNOR'S | APPROVED | PROPOSED | REVISED | PROPOSED | |
| | 2014-15 | 2015-16 | 2015-16 | 2015-16 | 2016-17 | 2016-17 | 2016-17 | 2017-18 | 2014-15 | 2015-16 | 2015-16 | 2015-16 | 2016-17 | 2016-17 | 2017-18 | 2016-17 | 2017-18 | |
| EXPENSES | BUDGET | BUDGET | EXPENSES | BUDGET | BUDGET | BUDGET | BUDGET | EXPENSES | BUDGET | BUDGET | EXPENSES | BUDGET | BUDGET | BUDGET | BUDGET | BUDGET | BUDGET | |
| PERSONNEL SERVICES | | | | | | | | | | | | | | | | | | |
| Salary & Wages | 866,835 | 943,001 | 954,766 | 912,321 | 943,001 | 988,515 | 967,278 | 1,008,160 | 93,218 | 101,837 | 105,336 | 109,641 | 104,240 | 109,747 | 119,300 | 1,077,025 | 1,127,460 | |
| Benefits | 404,015 | 457,394 | 429,645 | 428,481 | 457,394 | 444,832 | 425,107 | 443,659 | 43,061 | 40,037 | 47,401 | 55,558 | 41,241 | 49,386 | 60,366 | 474,493 | 504,025 | |
| TOTAL PERSONNEL SERVICES | 1,270,850 | 1,400,395 | 1,384,411 | 1,340,802 | 1,400,395 | 1,433,347 | 1,392,385 | 1,451,819 | 136,279 | 141,874 | 152,737 | 165,199 | 145,481 | 159,133 | 179,666 | 1,551,518 | 1,631,485 | |
| OPERATING EXPENSES & EQUIPMENT | | | | | | | | | | | | | | | | | | |
| General Expense | 37,959 | 45,000 | 45,000 | 41,077 | 45,000 | 45,000 | 42,000 | 45,000 | 4,081 | 4,000 | 4,500 | 1,517 | 4,500 | 4,500 | 3,000 | 46,500 | 48,000 | |
| Printing | 27,228 | 8,000 | 6,500 | 3,691 | 8,000 | 10,000 | 4,000 | 4,800 | 959 | 3,500 | 1,500 | 242 | 1,500 | 1,500 | 1,000 | 5,500 | 5,800 | |
| Communication | 14,321 | 16,500 | 16,500 | 12,034 | 16,500 | 16,500 | 12,500 | 14,000 | 842 | 3,000 | 1,200 | 757 | 3,000 | 1,200 | 1,000 | 13,700 | 15,000 | |
| Postage | 3,491 | 5,000 | 4,000 | 2,429 | 5,000 | 5,500 | 3,000 | 3,500 | 0 | 2,000 | 400 | 0 | 800 | 400 | 500 | 3,400 | 4,000 | |
| Insurance | 1,218 | 3,000 | 2,000 | 2,210 | 3,000 | 2,000 | 2,500 | 2,800 | 2 | 525 | 300 | 276 | 386 | 300 | 350 | 2,800 | 3,150 | |
| Travel In-State | 39,220 | 40,000 | 35,000 | 41,177 | 40,000 | 35,000 | 43,000 | 46,000 | 2,040 | 8,000 | 2,500 | 947 | 8,000 | 2,500 | 3,000 | 45,500 | 49,000 | |
| Travel Out-of-State | 1,252 | 0 | 3,000 | 10,097 | 0 | 2,000 | 11,500 | 13,000 | 0 | 0 | 1,000 | 0 | 0 | 1,500 | 1,500 | 13,000 | 14,500 | |
| Training | 9,084 | 15,000 | 7,500 | 3,508 | 15,000 | 10,000 | 10,000 | 6,800 | 982 | 6,500 | 1,500 | 171 | 6,500 | 1,500 | 2,000 | 11,500 | 8,800 | |
| Facilities Operation | 96,418 | 154,750 | 110,000 | 124,221 | 154,750 | 115,000 | 120,000 | 125,000 | 12,374 | 12,703 | 12,500 | 9,726 | 12,703 | 12,500 | 10,000 | 132,500 | 135,000 | |
| Utilities | 281 | 2,000 | 1,000 | 505 | 2,000 | 1,000 | 600 | 750 | 0 | 0 | 300 | 0 | 0 | 300 | 0 | 900 | 750 | |
| Prof Serv Internal/External | 19,666 | 51,000 | 25,000 | 27,340 | 51,000 | 25,000 | 30,000 | 32,000 | 49 | 1,800 | 550 | 24 | 1,800 | 1,000 | 500 | 31,000 | 32,500 | |
| Data Processing and IT | 59,865 | 34,951 | 35,000 | 27,056 | 34,951 | 35,000 | 30,000 | 35,000 | 1,364 | 8,456 | 2,500 | 505 | 5,456 | 2,500 | 1,000 | 32,500 | 36,000 | |
| State Pro-Rata/SWCAP | 124,997 | 126,187 | 126,187 | 157,294 | 126,187 | 112,857 | 163,500 | 170,500 | 11,651 | 11,586 | 11,586 | 11,892 | 8,968 | 11,586 | 13,621 | 175,086 | 184,121 | |
| Equipment | 40,666 | 20,000 | 50,000 | 62,998 | 20,000 | 75,000 | 75,000 | 50,000 | 0 | 0 | 0 | 0 | 0 | 1,000 | 2,500 | 76,000 | 52,500 | |
| Field Expenses | 2,966 | 15,000 | 3,000 | 5,997 | 15,000 | 3,000 | 6,200 | 6,500 | 0 | 3,000 | 0 | 120 | 13,000 | 1,000 | 1,500 | 7,200 | 8,000 | |
| Vehicle Operations | 47,396 | 58,388 | 50,000 | 37,995 | 50,000 | 55,000 | 40,000 | 43,000 | 4,711 | 5,000 | 5,000 | 1,920 | 5,000 | 5,000 | 2,500 | 45,000 | 45,500 | |
| Private Lab Services (CAHFS) | 0 | 0 | 3,000 | 84 | 8,388 | 5,000 | 300 | 500 | | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 500 | |
| Other Misc | 0 | 0 | 3,000 | 0 | 0 | 5,000 | 2,000 | 2,000 | | 25,000 | 5,000 | 0 | 15,000 | 1,500 | 0 | 3,500 | 2,000 | |
| Pest Exclusion MOU | 18,680 | 0 | 21,000 | 20,000 | 0 | 24,000 | 20,000 | 20,000 | | 0 | 0 | 0 | 0 | 0 | 0 | 20,000 | 20,000 | |
| Unallocated Budget Adjustment | | 13,054 | 0 | 0 | 13,054 | 0 | 0 | 0 | | 1,401 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL OPERATING EXPENSES | 544,708 | 607,830 | 546,687 | 579,713 | 607,830 | 581,857 | 616,100 | 621,150 | 39,055 | 96,471 | 50,336 | 28,097 | 86,613 | 49,786 | 43,971 | 665,886 | 665,121 | |
| DISTRIBUTED COSTS | | | | | | | | | | | | | | | | | | |
| Chemistry Labs | 951,853 | 1,104,389 | 1,075,695 | 1,172,883 | 1,104,389 | 1,095,201 | 1,283,694 | 1,319,697 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,283,694 | 1,319,697 | |
| Chemistry Labs Equipment | 0 | 0 | 0 | 152,542 | 0 | 150,000 | 100,000 | 100,000 | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | |
| Audit Charges | 0 | 10,000 | 10,000 | 0 | 10,000 | 10,000 | 10,000 | 10,000 | | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 | 10,000 | |
| Indirect Charges Admin/Exec | 175,808 | 187,659 | 196,364 | 183,361 | 187,659 | 194,648 | 189,086 | 197,157 | | 19,012 | 19,732 | 17,452 | 15,169 | 21,610 | 18,061 | 210,696 | 215,218 | |
| Indirect IT | 118,098 | 124,507 | 123,532 | 121,631 | 124,507 | 120,000 | 125,315 | 130,664 | 17,947 | 15,142 | 15,026 | 14,794 | 8,724 | 15,547 | 14,436 | 140,862 | 145,100 | |
| Indirect Charges Division | 77,012 | 65,101 | 87,629 | 65,926 | 65,101 | 81,844 | 79,505 | 82,899 | 14,355 | 6,595 | 8,899 | 6,679 | 20,189 | 9,087 | 6,490 | 88,592 | 89,389 | |
| Pesticide Residue Lab (43002) | 10,500 | 0 | 4,500 | 13,000 | 0 | 5,000 | 5,000 | 15,000 | 7,862 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 15,000 | |
| Indirect Charge Recovery (BSE & TR) | -31,161 | 0 | 0 | -67,277 | 0 | -60,000 | -60,000 | -22,140 | | 0 | 0 | 0 | 0 | 0 | 0 | -60,000 | -22,140 | |
| TOTAL DISTRIBUTED COSTS | 1,302,110 | 1,491,656 | 1,497,720 | 1,642,066 | 1,491,656 | 1,596,693 | 1,732,600 | 1,833,277 | 40,164 | 40,749 | 43,657 | 38,925 | 44,082 | 46,244 | 38,987 | 1,778,844 | 1,872,264 | |
| TOTAL OE&E | 1,846,818 | 2,099,486 | 2,044,407 | 2,221,779 | 2,099,486 | 2,178,550 | 2,348,700 | 2,454,427 | 79,219 | 137,220 | 93,993 | 67,022 | 130,695 | 96,030 | 82,958 | 2,444,730 | 2,537,385 | |
| TOTAL PROGRAM COSTS | 3,117,668 | 3,499,881 | 3,428,818 | 3,562,581 | 3,499,881 | 3,611,897 | 3,741,085 | 3,906,246 | 215,498 | 279,094 | 246,730 | 232,221 | 276,176 | 255,163 | 262,624 | 3,996,248 | 4,168,870 | |
| AFRPS | 0 | 0 | -300,000 | -322,898 | 0 | -300,000 | -350,000 | -400,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -350,000 | -400,000 | |
| BSE/FEED | -85,878 | 0 | -50,000 | -104,707 | -67,500 | -95,000 | -62,000 | -12,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -62,000 | -12,500 | |
| TR | -82,858 | 0 | -50,000 | -82,184 | -67,500 | -55,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL FDA REIMBURSEMENT | -168,736 | 0 | -400,000 | -509,789 | -135,000 | -450,000 | -412,000 | -412,500 | 0 | -412,000 | -412,500 | |
| AF-AG CODE 224A | -49,215 | -49,178 | -49,000 | -49,178 | -49,178 | -49,000 | -49,178 | -49,000 | -4,554 | -4,515 | -4,515 | -4,515 | -3,873 | -4,515 | 0 | -53,693 | -49,000 | |
| SUB-TOTAL PROGRAM | 2,899,717 | 3,450,703 | 2,979,818 | 3,003,614 | 3,315,703 | 3,112,897 | 3,279,907 | 3,444,746 | 210,944 | 274,579 | 242,215 | 227,706 | 272,303 | 250,648 | 262,624 | 3,530,555 | 3,707,370 | |
| ENCUMBRANCES | 0 | 0 | 0 | 11,503 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL NET PROGRAM | 2,899,717 | 3,450,703 | 2,979,818 | 3,015,117 | 3,315,703 | 3,112,897 | 3,279,907 | 3,444,746 | 210,944 | 274,579 | 242,215 | 227,779 | 272,303 | 250,648 | 262,624 | 3,530,555 | 3,707,370 | |

| | LIVESTOCK DRUGS | | AUSS | | LIVESTOCK DRUGS/AUSS | |
|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | PROPOSED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET | PROPOSED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET | PROPOSED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET |
| PERSONNEL SERVICES | | | | | | |
| Salary & Wages | 76,197 | 78,926 | 255,093 | 638,586 | 331,290 | 717,512 |
| Benefits | 35,508 | 33,172 | 118,873 | 268,388 | 154,381 | 301,560 |
| TOTAL PERSONNEL SERVICES | 111,704 | 112,098 | 373,967 | 906,974 | 485,671 | 1,019,072 |
| OPERATING EXPENSES & EQUIPMENT | | | | | | |
| General Expense | 1,500 | 1,500 | 3,500 | 8,500 | 5,000 | 10,000 |
| Printing | 450 | 675 | 1,050 | 3,825 | 1,500 | 4,500 |
| Communication | 660 | 1,500 | 1,540 | 8,500 | 2,200 | 10,000 |
| Postage | 150 | 195 | 350 | 1,105 | 500 | 1,300 |
| Insurance | 0 | 0 | 0 | 0 | 0 | 0 |
| Travel In-State | 2,400 | 5,250 | 5,600 | 29,750 | 8,000 | 35,000 |
| Travel Out-of-State | 0 | 0 | 0 | 0 | 0 | 0 |
| Training | 1,200 | 1,050 | 2,800 | 5,950 | 4,000 | 7,000 |
| Facilities Operation | 2,070 | 3,060 | 4,830 | 17,340 | 6,900 | 20,400 |
| Utilities | 60 | 45 | 140 | 255 | 200 | 300 |
| Prof Serv Internal/External | 900 | 525 | 2,100 | 2,975 | 3,000 | 3,500 |
| Data Processing and IT | 3,600 | 2,250 | 8,400 | 12,750 | 12,000 | 15,000 |
| State Pro-Rata/SWCAP | 17,100 | 16,200 | 39,900 | 91,800 | 57,000 | 108,000 |
| Equipment | 0 | 13,800 | 0 | 78,200 | 0 | 92,000 |
| Field Expenses | 450 | 300 | 1,050 | 1,700 | 1,500 | 2,000 |
| Vehicle Operations | 4,500 | 6,015 | 10,500 | 34,085 | 15,000 | 40,100 |
| Private Lab Services (CAHFS) | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Misc | 0 | 0 | 0 | 0 | 0 | 0 |
| Pest Exclusion MOU | 0 | 0 | 0 | 0 | 0 | 0 |
| Unallocated Budget Adjustment | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL OPERATING EXPENSES | 35,040 | 52,365 | 81,760 | 296,735 | 116,800 | 349,100 |
| DISTRIBUTED COSTS | | | | | | |
| Chemistry Labs | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemistry Labs Equipment | 0 | 0 | 0 | 0 | 0 | 0 |
| Audit Charges | 0 | 0 | 0 | 0 | 0 | 0 |
| Indirect Charges Admin/Exec | 8,320 | 8,728 | 19,412 | 49,461 | 27,732 | 58,189 |
| Indirect IT | 13,113 | 13,757 | 30,597 | 77,959 | 43,710 | 91,716 |
| Indirect Charges Division | 8,320 | 8,728 | 19,412 | 49,461 | 27,732 | 58,189 |
| Pesticide Residue Lab (43002) | 0 | 0 | 0 | 0 | 0 | 0 |
| Indirect Charge Recovery (BSE & TR) | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL DISTRIBUTED COSTS | 29,752 | 31,214 | 69,422 | 176,880 | 99,174 | 208,095 |
| TOTAL OE&E | 64,792 | 83,579 | 151,182 | 473,615 | 215,974 | 557,195 |
| TOTAL PROGRAM COSTS | 176,497 | 195,677 | 525,148 | 1,380,589 | 701,645 | 1,576,267 |
| AFRPS | 0 | 0 | 0 | 0 | 0 | 0 |
| BSE/FEED | 0 | 0 | 0 | 0 | 0 | 0 |
| TR | -100,000 | -35,000 | 0 | 0 | -100,000 | -35,000 |
| TOTAL FDA REIMBURSEMENT | -100,000 | -35,000 | 0 | 0 | -100,000 | -35,000 |
| AF-AG CODE 224A | 0 | 0 | 0 | 0 | 0 | 0 |
| SUB-TOTAL PROGRAM | 76,497 | 160,677 | 525,148 | 1,380,589 | 601,645 | 1,541,267 |
| ENCUMBRANCES | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NET PROGRAM | 76,497 | 160,677 | 525,148 | 1,380,589 | 601,645 | 1,541,267 |

Feed Inspection Advisory Board Meeting

Jenna Areias, Ag Program Supervisor IV

Feed, Livestock Drugs and Safe Animal Feed Education Program

Agenda Item 4

FUND CONDITION REPORT

As of June 30, 2016

FY 2015/16

Beginning Balance as of 7/1/2015:

| | |
|-------------------------|---------------------|
| CDFA Account | \$ 1,139,909 |
| Bank of America Account | \$ 656,775 |
| Total Funds | \$ 1,796,684 |

Revenue*

\$ 3,910,422

Expenditures and Encumbrances

| | |
|----------------|--------------|
| Expenditures** | \$ 2,994,187 |
| Encumbrances | \$ 121,490 |

Ending Balance as of 6/30/16:

| | |
|----------------------------|---------------------|
| CDFA Account | \$ 1,125,250 |
| Bank of America Account | \$ 1,587,669 |
| Total Funds | \$ 2,712,919 |
| Adjusted Balance*** | \$ 2,591,429 |

NOTE: * Revenue includes feed tonnage tax, feed and livestock drugs licensing, restricted livestock drugs registration, interest accrued in the CDFA Fund Account and Bank of America Corporate Account.

** Expenditure total per CDFA Financial Services Budget Report June 30, 2016. Amount does not reflect outstanding lag expenditures.

*** Adjusted balance accounts for all program encumbrances through June 30, 2016

**Feed, SAFE, Livestock Drugs, and AUSS
FUND CONDITION REPORT
As of September 30, 2016**

FY 2016/17

| | FEED | SAFE | LIVESTOCK DRUGS | AUSS | COMBINED TOTAL |
|------------------------------------------|---------------------|------------------|-------------------|-------------------|---------------------|
| Beginning Balance as of 7/1/2016: | | | | | |
| CDFA Account | \$ 892,820 | \$ 33,683 | \$ 242,430 | | \$ 1,158,933 |
| Bank of America Account | \$ 1,587,669 | | | | \$ 1,587,669 |
| General Funds | | | | \$ 550,000 | \$ 550,000 |
| Total Funds | \$ 2,470,489 | \$ 33,683 | \$ 242,430 | \$ 550,000 | \$ 3,296,602 |
| Revenue* | \$ 1,295,291 | \$ 95,968 | \$ 8,500 | \$ 0 | \$ 1,399,759 |
| Expenditures and Encumbrances | | | | | |
| Expenditures** | \$ 640,808 | \$ 46,218 | \$ 9,302 | \$ 27,264 | \$ 723,592 |
| Encumbrances | \$ 66,764 | \$ 1,833 | \$ 0 | \$ 401 | \$ 68,998 |
| Ending Balance as of 9/30/16: | | | | | |
| CDFA Account | \$ 843,032 | \$ 83,433 | \$ 241,628 | \$ 522,735 | \$ 1,690,828 |
| Bank of America Account | \$ 2,281,941 | | | | \$ 2,281,941 |
| Total Funds | \$ 3,124,972 | \$ 83,433 | \$ 241,628 | \$ 522,736 | \$ 3,972,769 |
| Adjusted Balance*** | \$ 3,058,208 | \$ 81,600 | \$ 241,628 | \$ 522,335 | \$ 3,903,771 |

NOTE: * Revenue includes feed tonnage tax, feed and livestock drugs licensing, restricted livestock drugs registration, interest accrued in the CDFA Fund Account and Bank of America Corporate Account.
 ** Expenditure total per CDFA Financial Services Budget Report September 30, 2016. Amount does not reflect outstanding lag expenditures.
 *** Adjusted balance accounts for all program encumbrances through September 30, 2016

Feed Tonnage Breakdown by Fiscal Year

| | 2014/15 | | | 2015/16 | | | 2016/17 | | |
|--------------------|---------------------|---------|-------------------|---------------------|---------|-------------------|-------------------|---------|------------------|
| | Tonnage | Revenue | Rate | Tonnage | Revenue | Rate | Tonnage | Revenue | Rate |
| | | \$ 0.12 | | | 0.12 | | | 0.12 | |
| JULY | \$ 392,978 | \$ 0.12 | 3,274,817 | \$ 445,185 | \$ 0.12 | 3,709,875 | \$ 257,594 | \$ 0.12 | 2,146,614 |
| AUGUST | \$ 179,407 | \$ 0.12 | 1,495,058 | \$ 313,879 | \$ 0.12 | 2,615,658 | \$ 314,325 | \$ 0.12 | 2,619,372 |
| SEPTEMBER | \$ 10,039 | \$ 0.12 | 83,658 | \$ 31,575 | \$ 0.12 | 263,125 | | \$ 0.12 | 0 |
| Q1 Subtotal | \$ 582,424 | | 4,853,533 | \$ 790,639 | | 6,588,658 | \$ 571,918 | | 4,765,985 |
| OCTOBER | \$ 359,090 | \$ 0.12 | 2,992,417 | \$ 306,709 | \$ 0.12 | 2,555,908 | | \$ 0.12 | 0 |
| NOVEMBER | \$ 400,770 | \$ 0.12 | 3,339,750 | \$ 274,819 | \$ 0.12 | 2,290,158 | | \$ 0.12 | 0 |
| DECEMBER | \$ 11,953 | \$ 0.12 | 99,608 | \$ 42,814 | \$ 0.12 | 356,783 | | \$ 0.12 | 0 |
| Q2 Subtotal | \$ 771,813 | | 6,431,775 | \$ 624,342 | | 5,202,850 | \$ - | | 0 |
| JANUARY | \$ 53,145 | \$ 0.12 | 442,875 | \$ 161,102 | \$ 0.12 | 1,342,517 | | \$ 0.12 | 0 |
| FEBRUARY | \$ 639,986 | \$ 0.12 | 5,333,217 | \$ 395,161 | \$ 0.12 | 3,293,005 | | \$ 0.12 | 0 |
| MARCH | \$ 6,537 | \$ 0.12 | 54,475 | \$ 113,302 | \$ 0.12 | 944,185 | | \$ 0.12 | 0 |
| Q3 Subtotal | \$ 699,668 | | 5,830,567 | \$ 669,565 | | 5,579,707 | \$ - | | 0 |
| APRIL | \$ 299,498 | \$ 0.12 | 2,495,817 | \$ 275,491 | \$ 0.12 | 2,295,760 | | \$ 0.12 | 0 |
| MAY | \$ 315,577 | \$ 0.12 | 2,629,808 | \$ 377,812 | \$ 0.12 | 3,148,430 | | \$ 0.12 | 0 |
| JUNE | \$ 4,737 | \$ 0.12 | 39,475 | \$ 17,213 | \$ 0.12 | 143,439 | | \$ 0.12 | 0 |
| Q4 Subtotal | \$ 619,812 | | 5,165,100 | \$ 670,516 | | 5,587,629 | \$ - | | 0 |
| TOTAL | \$ 2,673,717 | | 22,280,975 | \$ 2,755,061 | | 22,958,845 | \$ 571,918 | | 4,765,985 |

Feed and SAFE - Proposed FY 17/18 Budget

| | FEED | | | | | | SAFE | | | | | | FEED AND SAFE | | |
|-------------------------------------------|-------------------------|---------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|--------------------------|-------------------------|
| | ACTUAL 2014-15 EXPENSES | GOVERNOR'S 2015-16 BUDGET | APPROVED 2015-16 BUDGET | ACTUAL 2015-16 EXPENSES | GOVERNOR'S 2016-17 BUDGET | APPROVED 2016-17 BUDGET | ACTUAL 2015-16 EXPENSES | GOVERNOR'S 2016-17 BUDGET | APPROVED 2016-17 BUDGET | ACTUAL 2015-16 EXPENSES | GOVERNOR'S 2016-17 BUDGET | APPROVED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET | REVISOR'S 2017-18 BUDGET | PROPOSED 2017-18 BUDGET |
| | | | | | | | | | | | | | | | |
| PERSONNEL SERVICES | | | | | | | | | | | | | | | |
| Salary & Wages | 566,510 | 943,000 | 954,700 | 612,021 | 943,000 | 962,233 | 1,006,150 | | | | | | | | |
| Benefits | 494,015 | 457,334 | 420,943 | 438,461 | 457,334 | 425,107 | 443,650 | | | | | | | | |
| TOTAL PERSONNEL SERVICES | 1,270,850 | 1,400,334 | 1,384,411 | 1,340,802 | 1,400,334 | 1,433,347 | 1,451,810 | | | | | | | | |
| OPERATING EXPENSES & EQUIPMENT | | | | | | | | | | | | | | | |
| General Expense | 37,969 | 45,000 | 45,000 | 41,077 | 45,000 | 42,000 | 45,000 | | | | | | | | |
| Printing | 27,235 | 2,000 | 8,500 | 3,491 | 8,000 | 13,000 | 4,491 | | | | | | | | |
| Communication | 14,321 | 19,500 | 17,000 | 17,000 | 19,500 | 12,500 | 14,000 | | | | | | | | |
| Postage | 1,401 | 900 | 4,400 | 2,433 | 5,000 | 7,000 | 3,500 | | | | | | | | |
| Insurance | 1,235 | 3,000 | 2,700 | 2,100 | 3,000 | 3,000 | 2,800 | | | | | | | | |
| Travel In-State | 22,220 | 40,000 | 35,000 | 41,127 | 40,000 | 35,000 | 40,000 | | | | | | | | |
| Travel Out-of-State | 1,252 | 0 | 2,000 | 10,697 | 0 | 2,000 | 11,500 | | | | | | | | |
| Training | 8,054 | 15,000 | 2,500 | 3,500 | 15,000 | 13,000 | 10,000 | | | | | | | | |
| Facilities Operation | 96,413 | 154,750 | 110,000 | 124,211 | 154,750 | 115,000 | 120,000 | | | | | | | | |
| Utilities | 261 | 2,000 | 1,000 | 636 | 2,000 | 1,000 | 800 | | | | | | | | |
| Prof Serv Internal/External | 19,659 | 51,000 | 25,000 | 27,343 | 51,000 | 29,000 | 32,000 | | | | | | | | |
| Data Processing and IT | 59,955 | 34,950 | 35,000 | 27,950 | 34,950 | 35,000 | 29,000 | | | | | | | | |
| State Pro-Fats/SW CAP | 114,907 | 126,137 | 126,137 | 157,394 | 126,137 | 117,857 | 163,500 | | | | | | | | |
| Equipment | 40,605 | 50,000 | 50,000 | 67,993 | 50,000 | 70,000 | 50,000 | | | | | | | | |
| Field Expenses | 2,966 | 17,000 | 5,000 | 5,807 | 17,000 | 3,000 | 6,500 | | | | | | | | |
| Vehicle Operations | 47,308 | 52,330 | 50,000 | 37,995 | 50,000 | 55,000 | 40,000 | | | | | | | | |
| Private Lab Services (CAHFS) | 0 | 3,000 | 0 | 54 | 3,000 | 6,000 | 343 | | | | | | | | |
| Other Misc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Pen Exclusion MAU | 18,683 | 0 | 21,000 | 23,000 | 0 | 0 | 20,000 | | | | | | | | |
| Unallocated Budget Adjustment | 0 | 11,054 | 0 | 0 | 11,054 | 0 | 0 | | | | | | | | |
| TOTAL OPERATING EXPENSES | 544,708 | 807,810 | 546,887 | 579,713 | 807,810 | 881,857 | 616,100 | | | | | | | | |
| DISTRIBUTED COSTS | | | | | | | | | | | | | | | |
| Chemistry Labs | 951,251 | 1,104,330 | 1,075,695 | 1,172,683 | 1,104,330 | 1,095,201 | 1,263,694 | | | | | | | | |
| Chemistry Labs Equipment | 0 | 0 | 0 | 152,442 | 0 | 150,000 | 190,000 | | | | | | | | |
| Audit Charges | 0 | 10,000 | 10,000 | 0 | 10,000 | 10,000 | 10,000 | | | | | | | | |
| Indirect Charges Admin/Exec | 175,368 | 187,650 | 188,364 | 163,361 | 187,650 | 194,643 | 169,082 | | | | | | | | |
| Indirect IT | 110,309 | 124,500 | 123,532 | 121,931 | 124,500 | 130,000 | 126,315 | | | | | | | | |
| Indirect Charge - Pension | 27,012 | 25,100 | 24,525 | 25,956 | 25,100 | 24,844 | 29,500 | | | | | | | | |
| Pen Exclusion Lab (43002) | 10,540 | 0 | 4,500 | 13,000 | 0 | 0 | 15,000 | | | | | | | | |
| Indirect Charge Recovery (BSE & TR) | 13,161 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| TOTAL DISTRIBUTED COSTS | 1,302,110 | 1,491,630 | 1,497,720 | 1,642,066 | 1,491,630 | 1,596,632 | 1,732,600 | | | | | | | | |
| TOTAL OEAE | 1,848,818 | 2,898,456 | 2,844,407 | 2,221,779 | 2,898,456 | 2,176,555 | 2,344,700 | | | | | | | | |
| TOTAL PROGRAM COSTS | 3,111,668 | 5,496,886 | 5,428,816 | 5,865,845 | 5,496,886 | 5,611,897 | 5,741,065 | | | | | | | | |
| AFRPS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| BSE/FEED | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| TR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| TOTAL FDA REIMBURSEMENT | -82,268 | 0 | -50,000 | -104,107 | -67,500 | -55,000 | -12,500 | | | | | | | | |
| AF-AG CODE 2244 | -40,215 | -40,178 | -40,000 | -40,178 | -40,178 | -40,000 | -40,178 | | | | | | | | |
| SUB-TOTAL PROGRAM | 2,899,717 | 3,456,708 | 2,878,816 | 3,063,614 | 3,456,708 | 3,112,897 | 3,276,907 | | | | | | | | |
| ENCUMBRANCES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| TOTAL NET PROGRAM | 2,899,717 | 3,456,708 | 2,878,816 | 3,063,614 | 3,456,708 | 3,112,897 | 3,276,907 | | | | | | | | |

Livestock Drugs and AUSS - Proposed FY 17/18 Budget

| | LIVESTOCK DRUGS | | AUSS | | LIVESTOCK DRUGS/AUSS | |
|-------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | PROPOSED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET | PROPOSED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET | PROPOSED 2016-17 BUDGET | PROPOSED 2017-18 BUDGET |
| | | | | | | |
| PERSONNEL SERVICES | | | | | | |
| Salary & Wages | 76,197 | 75,926 | 245,097 | 637,589 | 331,789 | 717,512 |
| Benefits | 25,500 | 25,500 | 116,378 | 296,383 | 154,213 | 391,643 |
| TOTAL PERSONNEL SERVICES | 111,704 | 112,000 | 373,067 | 906,974 | 485,671 | 1,010,672 |
| OPERATING EXPENSES & EQUIPMENT | | | | | | |
| General Expense | 1,500 | 1,500 | 3,500 | 8,500 | 5,000 | 10,000 |
| Printing | 450 | 614 | 1,050 | 3,831 | 1,500 | 4,500 |
| Communication | 650 | 650 | 1,500 | 6,500 | 2,000 | 10,000 |
| Postage | 150 | 100 | 100 | 1,100 | 500 | 1,300 |
| Insurance | 0 | 0 | 0 | 0 | 0 | 0 |
| Travel In-State | 2,430 | 2,430 | 5,000 | 20,750 | 8,000 | 35,000 |
| Travel Out-of-State | 0 | 0 | 0 | 0 | 0 | 0 |
| Training | 1,300 | 1,050 | 2,000 | 6,500 | 4,000 | 7,000 |
| Facilities Operation | 2,070 | 2,050 | 4,811 | 17,340 | 6,000 | 20,400 |
| Utilities | 60 | 48 | 140 | 201 | 201 | 300 |
| Prof Serv Internal/External | 304 | 743 | 2,100 | 2,975 | 3,000 | 3,500 |
| Data Processing and IT | 3,000 | 3,250 | 8,400 | 17,784 | 12,000 | 15,300 |
| State Pro-Fats/SW CAP | 17,100 | 16,200 | 39,000 | 91,500 | 57,000 | 106,700 |
| Equipment | 0 | 0 | 0 | 78,200 | 0 | 92,300 |
| Field Expenses | 450 | 450 | 1,500 | 1,700 | 1,000 | 2,000 |
| Vehicle Operations | 4,500 | 5,010 | 10,500 | 34,000 | 15,000 | 40,100 |
| Private Lab Services (CAHFS) | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Misc | 0 | 0 | 0 | 0 | 0 | 0 |
| Pen Exclusion MAU | 0 | 0 | 0 | 0 | 0 | 0 |
| Unallocated Budget Adjustment | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL OPERATING EXPENSES | 35,440 | 52,288 | 81,780 | 298,738 | 116,800 | 349,100 |
| DISTRIBUTED COSTS | | | | | | |
| Chemistry Labs | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemistry Labs Equipment | 0 | 0 | 0 | 0 | 0 | 0 |
| Audit Charges | 0 | 0 | 0 | 0 | 0 | 0 |
| Indirect Charges Admin/Exec | 8,343 | 8,723 | 19,412 | 46,451 | 27,732 | 58,189 |
| Indirect IT | 13,113 | 13,747 | 30,677 | 77,953 | 43,710 | 91,716 |
| Indirect Charge - Pension | 8,300 | 8,723 | 19,412 | 46,401 | 27,732 | 58,189 |
| Pen Exclusion Lab (43002) | 0 | 0 | 0 | 0 | 0 | 0 |
| Indirect Charge Recovery (BSE & TR) | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL DISTRIBUTED COSTS | 29,756 | 31,214 | 69,422 | 178,800 | 99,174 | 208,095 |
| TOTAL OEAE | 64,792 | 83,576 | 151,188 | 473,915 | 215,074 | 587,185 |
| TOTAL PROGRAM COSTS | 176,497 | 195,676 | 525,148 | 1,380,589 | 701,645 | 1,576,267 |
| AFRPS | 0 | 0 | 0 | 0 | 0 | 0 |
| BSE/FEED | 0 | 0 | 0 | 0 | 0 | 0 |
| TR | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL FDA REIMBURSEMENT | -100,000 | -35,000 | 0 | 0 | -100,000 | -35,000 |
| AF-AG CODE 2244 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUB-TOTAL PROGRAM | 76,497 | 160,676 | 525,148 | 1,380,589 | 601,645 | 1,541,267 |
| ENCUMBRANCES | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NET PROGRAM | 76,497 | 160,676 | 525,148 | 1,380,589 | 601,645 | 1,541,267 |

Agenda

- Feed Inspection Program Overview
 - Regulations Sub-Committee (RSC) recommendations/discussion
 - Field activities
 - Enforcement update
 - TASC update
 - Federal contracts update
- Livestock Drugs and AUSS Program Update

What's changed to cause the need for regulations?

Federal laws, regulations, and guidance force it...

CA State Law mandates it...

Enforcement activity drives it...

Industry demands it...

Updating is important for program relevancy...

RSC – Recommendations regarding Livestock Drugs Program

- A Livestock Drugs Sub-Committee (or equivalent) be established
- Livestock Drugs revenue matrix be developed by the Program and proposed to the FIA board
- Selenium and prohibited materials - CFR adoption in livestock drug package label

RSC - Recommendations/discussion regarding Feed Inspection Program

- Adopt the FSMA GMP regulations into the CA Commercial Feed Regulations (similar to the medicated feed cGMPs)
- Develop regulations for AAFCO Official Publication feed ingredient recognition.
- Develop a civil penalty (violation) matrix – develop as a program and work with the RSC prior to a FIA board recommendation.
- Adopt by reference the VFD guidance into the CA Feed regulations

FOR FURTHER DISCUSSION:

- Adopt the AAFCO required guarantees for formula feed for specific species and class of livestock.

Field Activities

- Focused on Livestock Drugs registration compliance
- Restricted Livestock Drug Inspection checklist developed to document inspections and inform retail stores about feed requiring VFD's
- We have started a corn survey for the 2016 crop year checking protein, fat, and 12 mycotoxins
- Performing mixer studies and flush verification testing at firm manufacturing medicated feed or concentrated mineral mixes.

Enforcement Activities

- Case with the Attorney General regarding a Commercial Feed License.
- Case filed in Merced County by the DA office regarding a repeat drug residue violator
- Unregistered livestock drugs quarantined at multiple locations after third and final notice
- Quarantined damaged whole cottonseed from out of state
- Quarantined Type B medicated feed and required recall of entire lot due to animal deaths

Livestock Drugs and AUSS Program

AUSS Program

- Hiring 3.5 Positions
 - 0.5 Environmental Scientist (split with Feed Program)
 - 1 Supervising Special Investigator
 - 1 Ag Governmental Program Analyst
 - 1 Research Manager II
- Internal meetings and program planning with Animal Health Division
 - Bi-monthly meetings
 - Legal Referrals
 - BCP for next year...
- Budget Development

Current TASC projects

- Developing regulation packet for defining new feed ingredients on a provisional basis while waiting for US FDA formal approval or GRAS status.
- Legal Referral regarding the definition of a Feed Additive

SAFE AND AFRPS

SAMANTHA MORAN, FFLD INSPECTOR

SAFE Activities

- FSMA Outreach
- Discussion with FSPCA about hosting a PCQI Training
- Participating in the PCQI training as the first step to becoming PCQI Trainers
- Mixer Study and Flush Verification

SAFE Activities

- Sample Tracking
 - The SAFE program is tracking ALL sampled taken by the Feed Program
 - Annually this data is compiled and utilized to determine common industry trends, feed safety or label compliance issues that may need increased attention in the following year, and firm violation rates
- Mixer Studies and Flush Verification
 - Mixer studies are performed at medicated feed mills
 - Flush Verifications are performed at medicated feed mills to determine effectiveness of flushes being used.

FSMA Outreach

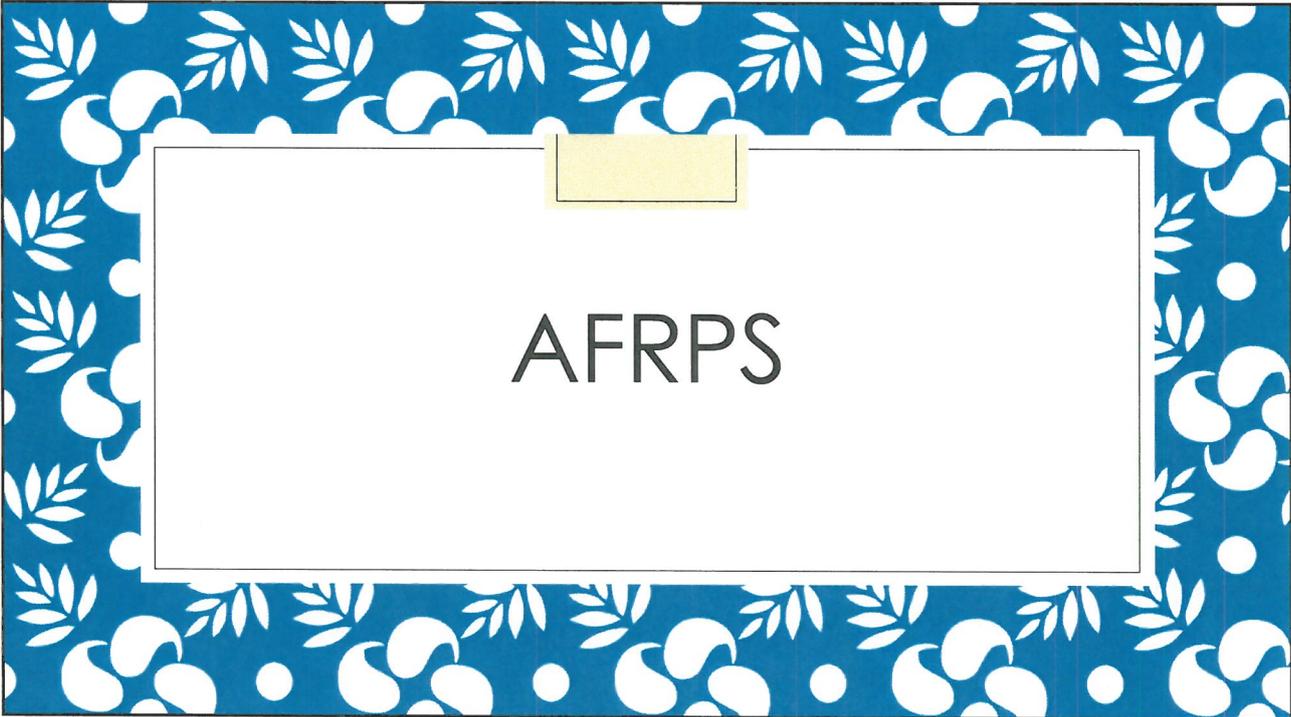
- The SAFE program has been visiting firms that manufacture medicated feed to discuss FDA's FSMA staggered implementation dates and state and FDA guidance material that is available to industry.
- FSMA Packets include:
 - Implementation Guide
 - CDFA's Current Good Manufacturing Practice Checklist
 - CDFA's Hazard Analysis and Risk Based Preventive Control Checklist
 - CDFA's Supply Chain Program Checklist
 - VFD Brochure
 - List of drugs that are transferring from OTC to VFD and from VFD to Rx

Update to SAFE website

- The SAFE website has been updated to include
 - FDA's Draft Guidance for Industry #235- Current Good Manufacturing Practice Requirements for Food for Animals
 - FDA's Draft Guidance for Industry #239-Human Food By-Products for Use as Animal Food
 - FDA's Draft Guidance for Industry for Classification of Activities as Harvesting, Packing, Holding or Manufacturing/Processing for Farms and Facilities
 - FDA's Guidance for Industry #233- Veterinary Feed Directive Common Format Questions and Answers
 - FDA's Guidance for Industry #120- Small Entity Compliance Guide Veterinary Feed Directive Regulation Questions

Lead Instructor Course

- We are working with FDA to host a 2 ½ day PCQI Lead Instructor course for our staff to become trained.
 - *Tentative timeframe is January 2017*
- Once this training occurs the SAFE program will begin hosting PCQI trainings for industry

The logo for AFRPS is presented on a white rectangular background with a thin black border. This background is centered within a larger blue rectangular area. The blue area is decorated with a repeating pattern of white stylized leaves and circular motifs. At the top center of the white background, there is a small yellow rectangular tab, suggesting the logo is on a folder or card.

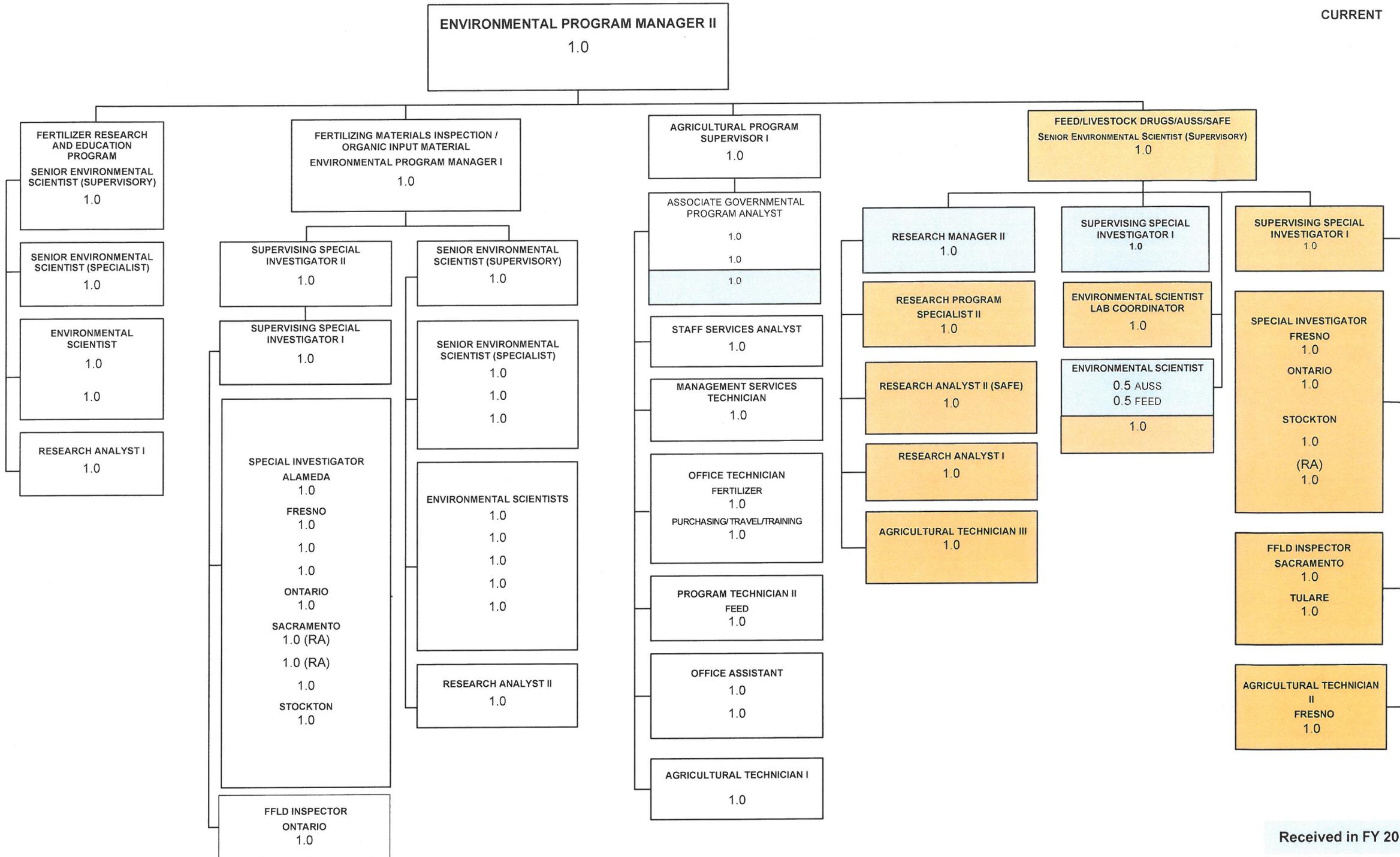
AFRPS

Animal Feed Regulatory Program Standards

- Our first year ended September 30, 2016.
- End-of-Year Report was turned in September 30, 2016
- Regulatory Standard is complete
- Inspection Program is being worked on and the completion date is December 2016
- Most of the Animal Illness or Death and Emergency Response standard is complete
- Sampling Program is complete
- A visit from the FDA Office of Partnership the beginning of November to review our progress through the standards

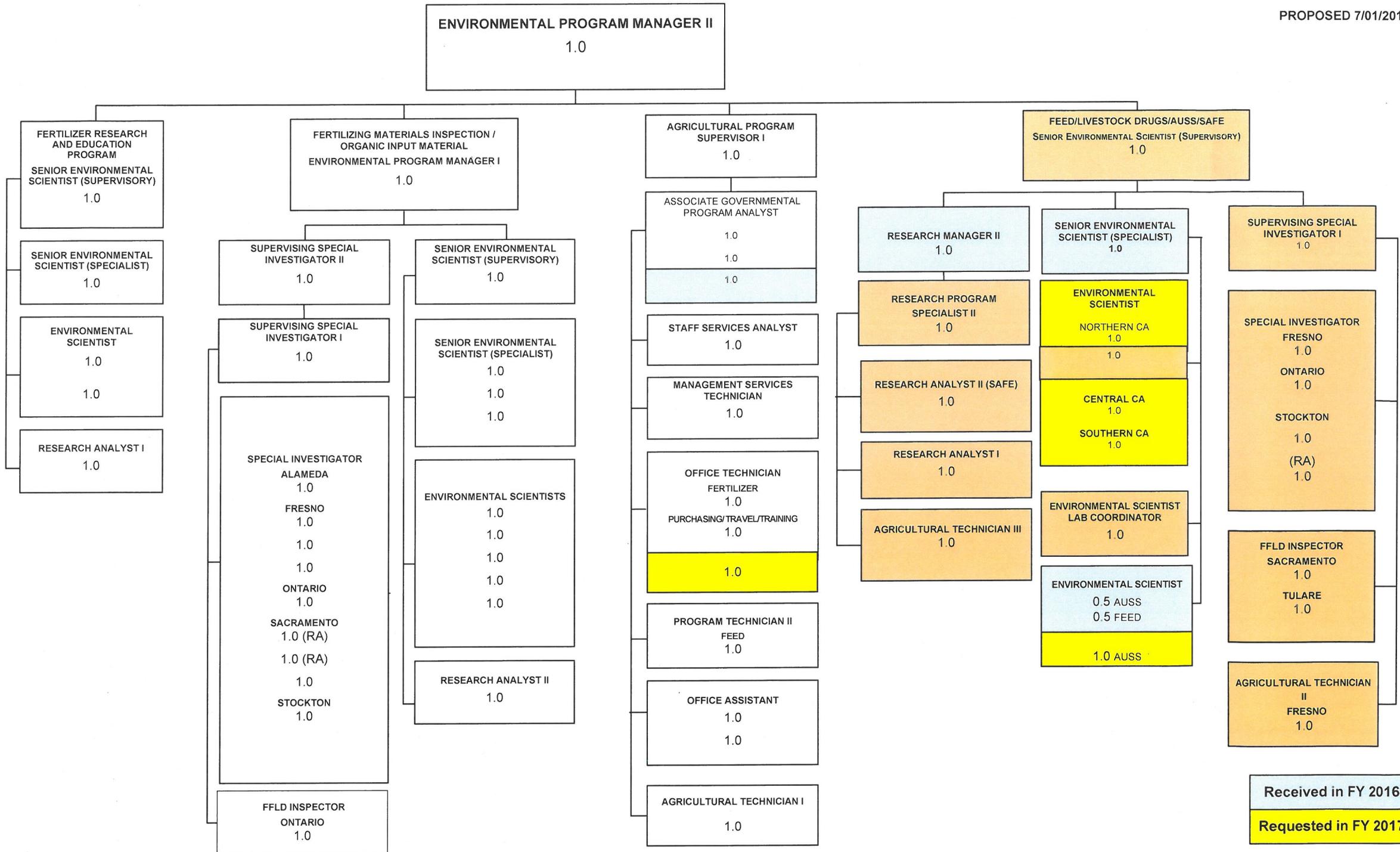
FEED, FERTILIZER, AND LIVESTOCK DRUGS REGULATORY SERVICES DIVISION OF INSPECTION SERVICES

CURRENT



FEED, FERTILIZER, AND LIVESTOCK DRUGS REGULATORY SERVICES DIVISION OF INSPECTION SERVICES

PROPOSED 7/01/2017



Received in FY 2016-17
Requested in FY 2017-18

PROPOSED LABEL GUARANTEES FOR COMPLETE FEEDS AND FOR
SUPPLEMENT FEEDS

Specific Species Feeds Specific guarantees must be given for complete feeds and for supplement feeds. **Each of the following feeds must guarantee each of the substances listed.** (everything not highlighted is required by AAFCO)

Swine Feed (all classes):

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for lysine
- (c) A minimum guarantee for crude fat
- (d) A maximum guarantee for crude fiber
- (e) A minimum and maximum guarantee for calcium
- (f) A minimum guarantee for phosphorus
- (g) A minimum and maximum guarantee for salt, if added
- (h) A minimum and maximum guarantee for total sodium if total sodium exceeds that furnished by the maximum salt guarantee (can replace salt guarantees)
- (i) A minimum guarantee for selenium, stated in parts per million (ppm) if over 0.3 ppm
- (j) A minimum guarantee for zinc, stated in parts per million (ppm)

Poultry Feed (all classes):

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for lysine
- (c) A minimum guarantee for methionine
- (d) A minimum guarantee for crude fat
- (e) A maximum guarantee for crude fiber
- (f) A minimum and maximum guarantee for calcium
- (g) A minimum guarantee for phosphorous
- (h) A minimum and maximum guarantee for salt, if added
- (i) A minimum and maximum guarantee for total sodium, if total sodium exceeds that furnished by the maximum salt guarantee (can replace salt guarantees)

Beef Cattle Feed (all classes):

- (a) A minimum guarantee for crude protein
- (b) A maximum guarantee for equivalent crude protein from non-protein nitrogen, if added
- (c) A minimum guarantee for crude fat
- (d) A maximum guarantee for crude fiber
- (e) A minimum and maximum guarantee for calcium
- (f) A minimum guarantee for phosphorous
- (g) A minimum and maximum guarantee for salt, if added
- (h) A minimum and maximum guarantee for total sodium, if total sodium exceeds that which is furnished by the maximum salt guarantee (can replace salt guarantees)
- (i) A minimum guarantee for potassium
- (j) A minimum guarantee for Vitamin A, other than precursors of Vitamin A, if added

Beef Cattle Feed – Mineral Supplements:

- (a) A minimum and maximum guarantee for calcium
- (b) A minimum guarantee for phosphorus
- (c) A minimum and maximum guarantee for salt, if added
- (d) A minimum and maximum guarantee for total sodium, if total sodium exceeds that furnished by the maximum salt guarantee (can replace salt guarantees)
- (e) A minimum guarantee for magnesium
- (f) A minimum guarantee for potassium
- (g) A minimum guarantee for copper, stated in parts per million (ppm)
- (h) A minimum and maximum guarantee for selenium, stated in parts per million (ppm) if over 0.3 ppm
- (i) A minimum guarantee for zinc, stated in parts per million (ppm)
- (j) A minimum guarantee for Vitamin A, other than precursors of Vitamin A, if added

Dairy Cattle Feed:

- (a) A minimum guarantee for crude protein
- (b) A maximum guarantee for equivalent crude protein from non-protein nitrogen (NPN), if added
- (c) A minimum guarantee for crude fat
- (d) A maximum guarantee for crude fiber
- (e) A maximum guarantee for acid detergent fiber (ADF)
- (f) A minimum and maximum guarantee for calcium
- (g) A minimum guarantee for phosphorous
- (h) A minimum guarantee for selenium, stated in parts per million (ppm)
- (i) A minimum guarantee for Vitamin A, other than precursors of Vitamin A, if added

Dairy Cattle Feed - Mineral supplements:

- (a) A minimum and maximum guarantee for calcium
- (b) A minimum guarantee for phosphorus
- (c) A minimum and maximum guarantee for salt
- (d) A minimum and maximum guarantee for total sodium, if total sodium exceeds that which is furnished by the maximum salt guarantee (can replace salt guarantee)
- (e) A minimum guarantee for magnesium
- (f) A minimum guarantee for potassium
- (g) A minimum and maximum guarantee for selenium, stated in parts per million (ppm) if over 0.3 ppm
- (h) A minimum guarantee for Vitamin A, other than the precursors of Vitamin A, if added

Milk replacer fed to calves:

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for crude fat
- (c) A maximum guarantee for crude fiber
- (d) A minimum and maximum guarantee for calcium
- (e) A minimum guarantee for phosphorus
- (f) A minimum guarantee for Vitamin A, other than precursors of vitamin A, if added

Equine feed (all classes):

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for crude fat
- (c) A maximum guarantee for crude fiber
- (d) A maximum guarantee for acid detergent fiber (ADF)
- (e) A maximum guarantee for neutral detergent fiber (NDF)
- (f) A minimum and maximum guarantee for calcium
- (g) A minimum guarantee for phosphorus
- (h) A minimum guarantee for copper, stated in parts per million (ppm) if added
- (i) A minimum guarantee for selenium, stated in parts per million (ppm) if over 0.3 ppm
- (j) A minimum guarantee for zinc, stated in parts per million (ppm)
- (k) A minimum guarantee for Vitamin A, other than the precursors of Vitamin A, if added

Equine feed - Mineral supplements (all classes):

- (a) A minimum and maximum guarantee for calcium
- (b) A minimum guarantee for phosphorus
- (c) A minimum and maximum guarantee for salt, if added
- (d) A minimum and maximum guarantee for total sodium (can replace salt guarantee)
- (e) A minimum level of copper, stated in parts per million (ppm) if added
- (f) A minimum and maximum guarantee for selenium, stated in parts per million (ppm) if over 0.3 ppm
- (g) A minimum guarantee for zinc, stated in parts per million (ppm)
- (h) A minimum guarantee for Vitamin A, other than the precursors of Vitamin A, if added

Sheep and Goat Feed (all classes):

- (a) A minimum guarantee for crude protein
- (b) A maximum guarantee for equivalent crude protein from non-protein nitrogen, if added
- (c) A minimum guarantee for crude fat
- (d) A maximum guarantee for crude fiber
- (e) A minimum and maximum guarantee for calcium
- (f) A minimum guarantee for phosphorus
- (g) A minimum and maximum guarantee for salt, if added
- (h) A minimum and maximum guarantee for total sodium, if total sodium exceeds that furnished by the maximum salt guarantee (can replace salt guarantees)
- (i) A minimum and maximum guarantee for copper, stated in parts per million (ppm), if copper is added or exceeds 20 ppm
- (j) A minimum guarantee for selenium, stated in parts per million (ppm) if over 0.3 ppm
- (k) A minimum guarantee for Vitamin A, other than precursors of Vitamin A, if added

Duck and Geese feed (all classes):

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for crude fat
- (c) A maximum guarantee for crude fiber
- (d) A minimum and maximum guarantee for calcium
- (e) A minimum guarantee for phosphorus
- (f) A minimum and maximum guarantee for salt, if added
- (g) A minimum and maximum guarantee for total sodium, if total sodium exceeds that furnished by the maximum salt guarantee (can replace salt guarantees)

Fish Feed:

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for crude fat
- (c) A maximum guarantee for crude fiber
- (d) A minimum guarantee for phosphorus.

Rabbit feed (all animal classes):

- (a) A minimum guarantee for crude protein
- (b) A minimum guarantee for crude fat
- (c) A minimum and maximum guarantee for crude fiber (the maximum guarantee may not exceed the minimum guarantee by more than 5 percentage points)
- (d) A minimum and maximum guarantee for calcium
- (e) A minimum guarantee for phosphorus
- (f) A minimum and maximum guarantee for salt, if added
- (g) A minimum and maximum guarantee for total sodium, if total sodium exceeds that furnished by the maximum salt guarantee (can replace salt guarantees)
- (h) A minimum guarantee for Vitamin A, other than precursors of Vitamin A, if added

Simple grain mixtures: (With or without molasses)

- (a) A minimum guarantee for crude protein
- (b) A maximum guarantee for equivalent crude protein from non-protein nitrogen, if added
- (c) A minimum guarantee for crude fat
- (d) A maximum guarantee for crude fiber

Selenium minimum and maximum shall be guaranteed anytime there is more than 0.3 ppm added selenium.

Salt guarantees for minimum and maximum can be replaced by sodium minimum and maximum guarantees. Both can appear on the label guaranteed analysis section.

**Center for Analytical Chemistry
Feed Laboratory
Report for January - September 2016**

Feed Samples

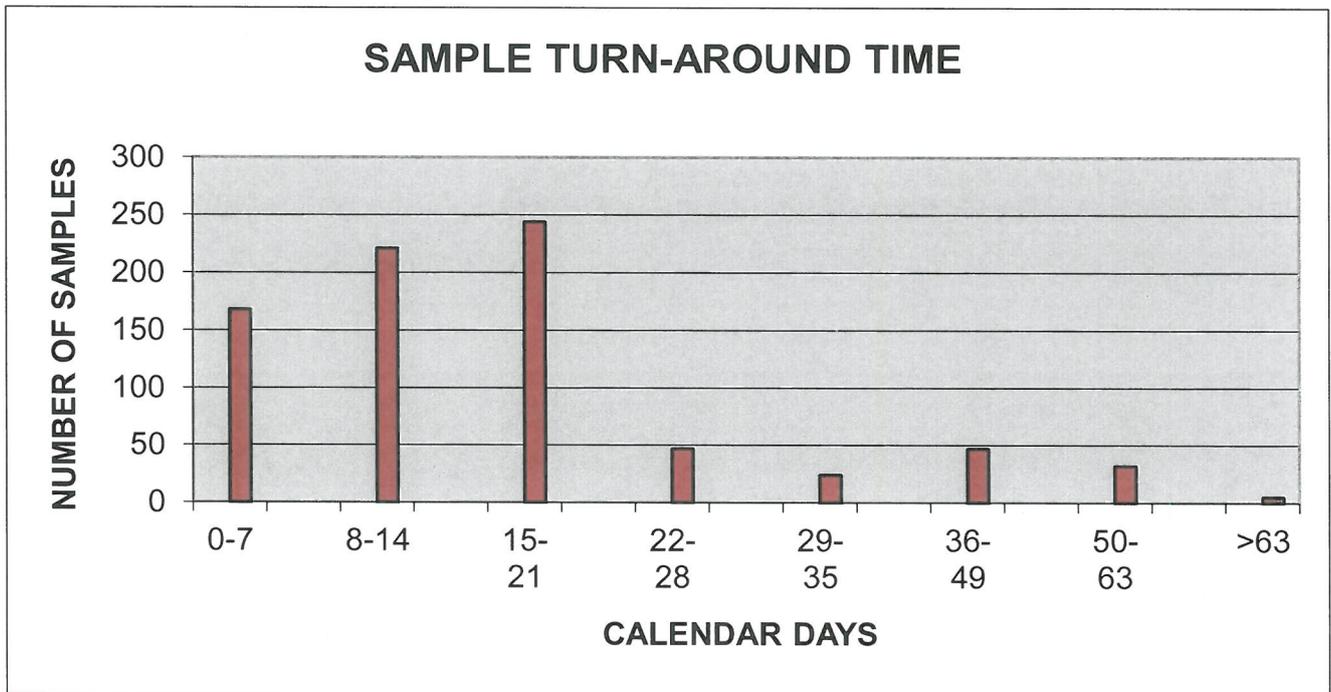
| | |
|------------------------------------------------------|--------------|
| Total Number of Samples Received | 806 |
| Routine Samples | 548 |
| Priority Samples | 10 |
| Partial Rush Samples | 29 |
| Rush Samples | 219 |
| | |
| Total Number of Samples Completed | 788 |
| | |
| Total Number of Assays Requested | 3,230 |
| Routine Assays | 2,334 |
| Rush Assays | 896 |
| | |
| Average Number of Requested Assays per Sample | 4.10 |

Turn-Around Time for Feed Samples January - September 2016

Summary

Total Samples Received - 806

Total Samples Completed - 788



| Calendar Days | # of Samples | % of Total | Cumulative Total |
|---------------|--------------|---------------|------------------|
| 0-7 | 168 | 21.3% | |
| 8-14 | 221 | 28.0% | 49.3% |
| 15-21 | 244 | 31.0% | 80.3% |
| 22-28 | 47 | 6.0% | 86.3% |
| 29-35 | 24 | 3.0% | 89.3% |
| 36-49 | 47 | 6.0% | 95.3% |
| 50-63 | 32 | 4.1% | 99.4% |
| <u>>63</u> | <u>5</u> | <u>0.6%</u> | 100.0% |
| Total | 788 | 100.0% | |

FEED LABORATORY JANUARY - SEPTEMBER 2016

| No. | Feed | Method | Routine | | Rush | | Totals |
|--------------------------|--------------------------|------------------|---------|---------|---------|---------|--------|
| | | | Assay 1 | Assay 2 | Assay 1 | Assay 2 | |
| 1 | Protein | Combustion | 392 | 98 | 37 | 25 | 552 |
| 2 | ECP | Kjeldahl | 5 | 0 | 2 | 0 | 7 |
| 3 | Fat - Crude | Ether Extraction | 249 | 3 | 35 | 4 | 291 |
| 4 | Fat - Crude | Acid Hydrolysis | 23 | 9 | 0 | 0 | 32 |
| 5 | Fat-Insoluble | Wet Chemistry | 4 | 3 | 0 | 0 | 7 |
| 6 | Fat-Unsaponifiable | Wet Chemistry | 3 | 2 | 0 | 0 | 5 |
| 7 | Fiber - Acid Detergent | Ankom | 2 | 2 | 9 | 9 | 22 |
| 8 | Fiber - Crude | Ankom | 212 | 207 | 63 | 61 | 543 |
| 9 | Ash | Furnace | 103 | 3 | 12 | 3 | 121 |
| 10 | Moisture | Oven/Vacuum Oven | 250 | 8 | 82 | 0 | 340 |
| 11 | Brix | Wet Chemistry | 1 | 0 | 0 | 0 | 1 |
| 12 | Free Fatty Acids | Wet Chemistry | 16 | 3 | 16 | 3 | 38 |
| 13 | Total Fatty Acids | Wet Chemistry | 2 | 2 | 0 | 0 | 4 |
| 14 | Lactose | Wet Chemistry | 5 | 0 | 0 | 0 | 5 |
| 15 | Total Sugars as Invert | Wet Chemistry | 12 | 4 | 0 | 0 | 16 |
| Microscopy | | | | | | | |
| 16 | Damage | Microscope | 19 | 0 | 23 | 0 | 42 |
| 17 | Foreign Material | Microscope | 1 | 0 | 1 | 0 | 2 |
| 18 | Ingredients | Microscope | 4 | 0 | 3 | 0 | 7 |
| 19 | Prohibited Materials | Microscope | 1 | 0 | 0 | 0 | 1 |
| Mycotoxins | | | | | | | |
| 20 | Aflatoxin B1 | LC | 0 | 0 | 75 | 0 | 75 |
| 21 | Aflatoxin B2 | LC | 0 | 0 | 75 | 0 | 75 |
| 22 | Aflatoxin G1 | LC | 0 | 0 | 75 | 0 | 75 |
| 23 | Aflatoxin G2 | LC | 0 | 0 | 75 | 0 | 75 |
| 24 | Deoxynivalenol (DON) | LC/MS | 5 | 5 | 16 | 16 | 42 |
| 25 | Diacetoxyscirpenol (DAS) | LC/MS | 3 | 3 | 12 | 12 | 30 |
| 26 | Fumonisin B1 | LC/MS | 13 | 5 | 19 | 6 | 43 |
| 27 | H-T2 Toxin | LC/MS | 5 | 5 | 16 | 16 | 42 |
| 28 | Nivalenol (NIV) | LC/MS | 3 | 3 | 12 | 12 | 30 |
| 29 | Ochratoxin A | LC/MS | 5 | 5 | 16 | 16 | 42 |
| 30 | T2 Toxin | LC/MS | 5 | 5 | 16 | 16 | 42 |
| 31 | Zearalenone | LC/MS | 5 | 5 | 16 | 16 | 42 |
| Pesticides/Toxins | | | | | | | |
| 32 | Ergot | LC/MS | 0 | 0 | 5 | 0 | 5 |
| 33 | Gossypol - Free | Wet Chemistry | 2 | 0 | 0 | 0 | 2 |
| 34 | Methoprene | LC/MS | 0 | 0 | 1 | 0 | 1 |
| 35 | Pesticide Screen | LC/GC | 5 | 0 | 0 | 0 | 5 |
| Additives | | | | | | | |
| 36 | Amprolium | LC/MS | 3 | 0 | 1 | 1 | 5 |
| 37 | Bacitracin | LC/MS | 0 | 0 | 0 | 0 | 0 |
| 38 | Chlortetracycline | LC/MS | 17 | 0 | 8 | 1 | 26 |
| 39 | Clopidol | LC/MS | 3 | 0 | 0 | 0 | 3 |
| 40 | Decoquinat | LC/MS | 18 | 12 | 0 | 0 | 30 |
| 41 | Laidlomycin | LC/MS | 0 | 0 | 0 | 0 | 0 |
| 42 | Lasalocid | LC/MS | 24 | 22 | 15 | 1 | 62 |
| 43 | Lincomycin | LC/MS | 0 | 0 | 0 | 0 | 0 |
| 44 | Lysine | LC | 15 | 5 | 0 | 0 | 20 |

**FEED LABORATORY
JANUARY - SEPTEMBER 2016**

| No. | Feed | Method | Routine | | Rush | | Totals |
|-----------------|-----------------|---------------|---------|---------|---------|---------|--------|
| | | | Assay 1 | Assay 2 | Assay 1 | Assay 2 | |
| 45 | Methionine | LC | 12 | 0 | 0 | 0 | 12 |
| 46 | Monensin | LC/MS | 107 | 77 | 66 | 66 | 316 |
| 47 | Narasin | LC/MS | 0 | 0 | 0 | 0 | 0 |
| 48 | Neomycin | LC/MS | 0 | 0 | 0 | 0 | 0 |
| 49 | Nicarbazin | LC/MS | 5 | 2 | 0 | 0 | 7 |
| 50 | Oxytetracycline | LC/MS | 1 | 0 | 0 | 0 | 1 |
| 51 | Poloxalene | LC/MS | 1 | 0 | 0 | 0 | 1 |
| 52 | Salinomycin | LC/MS | 1 | 1 | 0 | 0 | 2 |
| 53 | Sulfamethazine | LC/MS | 1 | 1 | 0 | 0 | 2 |
| 54 | Tiamulin | LC/MS | 2 | 0 | 0 | 0 | 2 |
| 55 | Vitamin A | LC/MS | 45 | 8 | 3 | 1 | 57 |
| 56 | Vitamin E | LC/MS | 6 | 2 | 2 | 0 | 10 |
| Minerals | | | | | | | |
| 57 | Arsenic | AA | 2 | 0 | 0 | 0 | 2 |
| 58 | Cadmium | AA | 1 | 0 | 0 | 0 | 1 |
| 59 | Calcium | ICP | 211 | 14 | 17 | 15 | 257 |
| 60 | Chloride | Wet Chemistry | 5 | 0 | 2 | 1 | 8 |
| 61 | Chromium | ICP | 0 | 0 | 0 | 0 | 0 |
| 62 | Cobalt | ICP | 0 | 0 | 0 | 0 | 0 |
| 63 | Copper | ICP | 77 | 4 | 20 | 10 | 111 |
| 64 | Iron | ICP | 2 | 0 | 1 | 1 | 4 |
| 65 | Lead | AA | 2 | 0 | 0 | 0 | 2 |
| 66 | Magnesium | ICP | 34 | 1 | 10 | 10 | 55 |
| 67 | Manganese | ICP | 17 | 0 | 11 | 11 | 39 |
| 68 | Mercury | AA | 0 | 0 | 0 | 0 | 0 |
| 69 | Molybdenum | ICP | 0 | 0 | 0 | 0 | 0 |
| 70 | Nitrate | Ion Electrode | 0 | 0 | 0 | 0 | 0 |
| 71 | pH | pH Electrode | 3 | 0 | 4 | 0 | 7 |
| 72 | Phosphorus | Wet Chemistry | 108 | 3 | 5 | 5 | 121 |
| 73 | Potassium | AA | 4 | 0 | 0 | 0 | 4 |
| 74 | Selenium | ICP | 87 | 39 | 3 | 3 | 132 |
| 75 | Sodium | ICP | 110 | 11 | 13 | 10 | 144 |
| 76 | Sulfur - Total | Combustion | 4 | 0 | 0 | 0 | 4 |
| 77 | Zinc | ICP | 51 | 1 | 3 | 3 | 58 |
| | | | Routine | | Rush | | Total |
| Assays | | | Assay 1 | Rerun | Assay 1 | Rerun | |
| Total | | | 2334 | 583 | 896 | 354 | 4167 |