

CDFA'S COMMERCIAL FEED PROGRAM UPDATE

Jenna Areias, Program Manager
Commercial Feed, Livestock Drugs, SAFE, and
Antimicrobial Use and Stewardship Programs



Commercial Feed, SAFE, Livestock Drugs, & AUS Programs

- New program employees:
 - Casey Dykier, Feed, Northern CA
 - Trevor Morgan, Feed/AUS, Fresno
 - Rachelle Kennedy, AUS, Headquarters
 - Erika Lewis, AUS, Headquarters
 - Timothy Valles, Feed/AUS, Headquarters
 - Jessica Valdez, Feed/AUS, Sacramento

Feed Program Activities:

- Implementation of AFRPS SOP's for Commercial Feed program continue:

Inspection frequency may change

Inspection look/feel may be different than prior years

CDFR Inspector may change

Inspection checklists roll-outs

- Violation Follow-up inspection
- Medicated Feed Inspection
- Routine Inspection

Feed Program Activities

- Field Activities:
 - Whole corn and corn products mycotoxin testing
 - Field Staff Samantha Moran, Ted Bert, and Mike Davidson completed FSMA GMP training for Animal Food regulators
 - Aseptic Sampling training for all Feed staff – Sept. 20, 2017
 - Will perform 10 FSMA GMP'S and 10 VFD inspections for US FDA under our 2018 Feed Contract
 - Performed mixer studies and flush verification studies at firms manufacturing medicated feed

What are MIAD's?

Not Medically Important No prescription required	Medically Important Prescription or VFD required after January 1, 2018	
<p>Aminocoumarins Novobiocin (<i>only available in combination with a MIAD in California</i>)</p> <p>Glycolipids Bambermycins (<i>Gainpro 10, Flavomycin</i>)</p> <p>Ionophores Laidlomycin*** Lasalocid (<i>Avatec, Bovatec</i>) Monensin (<i>Rumensin, Coban</i>) Narasin (<i>Maxiban, Monteban</i>) Salinomycin (<i>Sacox, Bio-cox</i>)</p> <p>Pleuromutilins Tiamulin (<i>Denagard, Triamulox</i>)</p> <p>Polypeptides Bacitracin (<i>Pennitracin, BMD</i>)</p> <p>Quinoxalines Carbadox (<i>Mecadox</i>)</p>	<p>Aminoglycosides Dihydrostreptomycin*** Gentamicin** (<i>Garacin, Gen-Gard</i>) Hygromycin B** (<i>Hygromix</i>) Neomycin** (<i>Neo-Sol 50, Neovet</i>) Spectinomycin* (<i>L-S50, Speclinx-50</i>)</p> <p>Amphenicols Florfenicol*** (<i>Nufflor</i>)</p> <p>Cephalosporins Ceftiofur*** (<i>Naxcel, Excede, Excenel</i>) Cephapirin (<i>Today, Tomorrow</i>)</p> <p>Diaminopyrimidines Ormetoprim (<i>Rofenaid</i>)</p> <p>Fluoroquinolones Danofloxacin*** Enrofloxacin*** (<i>Baytril</i>)</p> <p>Lincosamides Lincomycin** (<i>Lincosol, Lincomix</i>) Pirlimycin***</p> <p>Polymyxins Polymyxin B (<i>Terramycin</i>)</p>	<p>Macrolides Erythromycin** (<i>Gallimycin</i>) Gamithromycin*** (<i>Zactran</i>) Tildipirosin*** Tilmicosin (<i>Pulmotil AC</i>) Tulathromycin*** (<i>Draxxin</i>) Tylosin** (<i>Tylan, Tylovet, Tyloved</i>) Tylvalosin (<i>Aivlosin</i>)</p> <p>Penicillins Amoxicillin*** Ampicillin*** (<i>Polyflex</i>) Cloxacillin*** Penicillin** (<i>Pennchlor, R-Pen, Bactracillin</i>)</p> <p>Streptogramins Virginiamycin** (<i>V-max, Stafac</i>)</p> <p>Sulfonamides (Sulfas) Sulfadimethoxine** (<i>Salfadived, Albon, Sulfamed</i>) Sulfamerazine** (<i>Poultrysulfa</i>) Sulfamethazine** (<i>Poultrysulfa, Aureo</i>) Sulfaquinoxaline** (<i>Sul-Q-Nox, Poultrysulfa</i>)</p> <p>Tetracyclines Chlortetracycline** (<i>ChlorMax, Pennchlor</i>) Oxytetracycline** (<i>LA-200, Duramycin, Bio-Mycin</i>) Tetracycline** (<i>Duramycin, Tetramed</i>)</p>

* Feed/water drugs must follow FDA VFD and water prescription requirement as of 1/1/2017.

** May be used in feed

*** Federally labeled as prescription-only (regulatory restrictions unchanged by SB 27)

Antimicrobial Livestock Drugs

Non-Medically Important

Federal/California Status:

Over-the-counter

Where to Purchase:
Restricted livestock drug licensed retailer

Types:
Various

Label:
"Restricted Drug(s) (California)"

Medically Important (MIADs)

Federal Status:
Over-the-counter

NEW REQUIREMENT
California Status:
Prescription-only starting 1/1/2018

Where to Purchase:
Veterinarian, veterinary food animal drug retailer, or pharmacy

Types:
All routes of administration other than feed and water

Label:
No special designation

Federal/California Status:

Prescription-only

Where to Purchase:
Veterinarian, veterinary food animal drug retailer, or pharmacy

Types:
Water (since 1/1/2017) and all routes of administration other than feed

Label:
"Rx Only"

Federal/California Status:

Veterinary Feed Directive (since 1/1/2017)

Where to Purchase:
Feed manufacturer, feed distributor, or participating restricted livestock drug licensed retailer

Type:
Feed

Label:
"Caution: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by or on the order of a licensed veterinarian."



SAFE ANIMAL FEED EDUCATION PROGRAM

Samantha Moran-Defty, Environmental
Scientist, SAFE Program



SAFE Program Activities

- 2017 Corn study
 - Approximately 10 samples have been taken and we are not finding concerning levels of any mycotoxins.
- Hosted 3 FSPCA PCQI Trainings in the past year. (March, July, and December)
- FSMA Current Good Manufacturing Practices Readiness Inspections

CGMP Readiness Inspection Summary

The SAFE program has completed FSMA Current Good Manufacturing Practices Readiness Inspections at all willing “Priority one” firms in California

Personnel

- The management of the establishment takes reasonable measures and precautions to ensure that all persons working in direct contact with animal food, contact surfaces, and packaging materials conform to hygienic practices to the extent necessary to protect against the contamination of animal food.
- The methods of conforming to hygienic practices and maintaining cleanliness include:
 - Maintaining adequate personal cleanliness, washing hands thoroughly and in adequate hand washing facilities as necessary and appropriate, removing or securing jewelry and other objects that might fall into animal food, equipment, or containers. Storing clothing or other personal belongings in areas other than where animal food is exposed or where equipment or utensils are cleaned. Taking any other necessary precautions to protect against the contamination of animal food, contact surfaces, or packing materials.

***Firms need to develop personal hygiene and food safety training
(this needs to be documented)***

Plant and Grounds

Plant and Grounds

- Maintenance of grounds includes:
 - proper storage of equipment, removing trash, and cutting weeds or grass within the immediate vicinity of the plant that may constitute an attractant, breeding place or harborage for pests
 - Waste is treated and disposed of in a way that it does not constitute a source of contamination in areas where animal food is exposed

Eliminating opportunities for pest presence and the opportunity for trash to be introduced to feed products.

- Adequate space between equipment, walls, and stored materials to permit employees to perform their duties and to allow cleaning or maintenance of equipment.

Pallet storage should facilitate cleaning.

- Light bulbs, fixtures, and skylights or other glass items suspended over exposed animal food must be shatter resistant, to protect against the contamination of animal food in case of glass breakage

Shatter resistant lighting

Plant Operations

Plant Operations

- Animal food, including raw materials, other ingredients, or rework is accurately identified.

All products and ingredients should be labeled.

- Adequate precautions are taken so that plant operations do not contribute to contamination of animal food, contact surfaces, and packaging materials

Leaks need to be fixed and holding bins, totes, trucks, should not be a source of contamination.

- Chemical, microbial, or extraneous-material testing procedures are used where necessary to identify sanitation failures or possible animal food contamination.

Verify that your flush or equipment cleanout is working.

- Raw material and other ingredients susceptible to contamination with mycotoxins or other natural toxins must be evaluated and used in a manner that does not result in animal food that cause injury or illness to animals or humans

Some testing for mycotoxins or heavy metals should be performed.

Sanitation

- Buildings, structures, fixtures, and other physical facilities of the plant are kept clean and in good repair to prevent animal food from becoming adulterated.

General housekeeping

- Animal food-contact and non-contact surfaces of utensils and equipment are cleaned and maintained and utensils and equipment are stored as necessary to protect against the contamination of animal food, contact surfaces, or packaging materials. When necessary equipment is disassembled for thorough cleaning.

Dirty shovels shouldn't be used for feed.

- Trash is conveyed, stored, and disposed of in a way that protects against the contamination of animal food, contact surfaces, , packaging materials, water supplies, and ground surfaces, and minimize the potential for the trash to become an attractant and harborage or breeding place for pests

Picking up trash around the facility.

Moving Forward...

- *In 2018 the SAFE program intends to perform CGMP Readiness Inspections at the remaining firms manufacturing textured feeds (with the exception of single ingredient manufacturers).*
- *Upon staff training by FDA for the Hazard Analysis, Risk-Based Preventive Controls inspections for regulators, SAFE will begin doing Food Safety Plan Readiness Inspections.*
- *Provide assistance to firms for development and compliance with CGMPs and Food Safety Plans.*

Questions?

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