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CALIFORNIA DEPARTMENT OF
FOOD AND AGRICULTURE

History and Evolution of SAFE

California commercial feed law enacted.

1924



**COMMERCIAL FEED
REGULATORY PROGRAM**



History and Evolution of SAFE

SAFE is an idea proposed to the feed inspection advisory board.

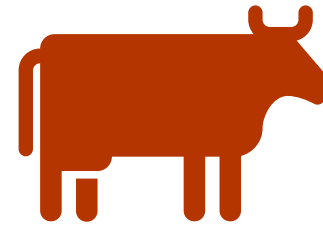
2003 - 2004

- **Education and outreach for feed safety and feed quality assurance.**
- **Maintain a website with information.**
- **Conduct voluntary feed quality assurance inspections.**

Why have a SAFE Program?



The first legislative charge in the California commercial feed law is:



“Enable the feed and feeding industry, with the aid of the state, to ensure in every way possible a clean and wholesome supply of meat, milk, and eggs for the benefit of the consumer.”

Why have a **SAFE** Program?



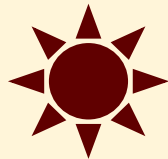
24 million tons of livestock feed annually; CA must be a leader in feed safety.



Promoting feed quality assurance is an effective way to help prevent unsafe adulteration of commercial feed.

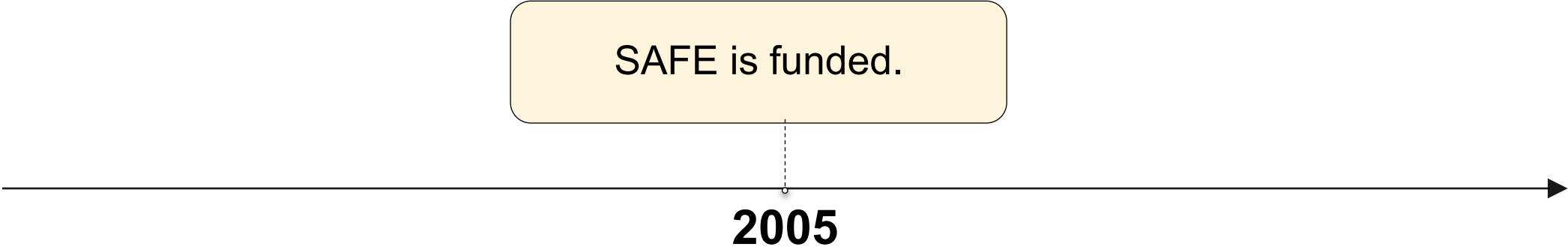


Utilization of resources in a proactive approach to take feed safety and quality assurance programs to the next level.



Feed industry wanted education before (and during) regulation on all feed related issues, from medicated feed label compliance to Feed HACCP.

History and Evolution of SAFE



A horizontal timeline arrow points to the right. A vertical dashed line intersects the arrow at a point labeled '2005'. Above this intersection is a yellow rounded rectangle containing the text 'SAFE is funded.'.

SAFE is funded.

2005

ITEM 6: SAFE PROGRAM UPDATE

Mike Davidson gave a presentation on the SAFE program. Discussion ensued regarding the proposed funding and budget for the SAFE program.

MOTION: A motion was made and seconded (Tollenaar/Frost) to fund the SAFE program from January 1, 2005 through June 30, 2005 for \$135,000 (15 percent of the estimated tonnage tax revenue for the same period), and accept the budget as presented at \$117,131 with any balance being carried over as a reserve into Fiscal Year (FY) 2005/2006. The motion passed unanimously.



(c) The secretary may, based upon a finding and recommendation of the board, designate 15 percent of the tonnage taxes collected, or two hundred thousand dollars (\$200,000), whichever amount is greater, to provide funding for research and education regarding the safe manufacture, distribution, and use of commercial feed. These funds may only be spent on activities approved by the board, with approval being made before any expenditure.



History and Evolution of SAFE

Mycotoxin studies, Bovine Spongiform Encephalopathy (BSE) outreach, on-farm mixer studies, quality assurance inspections, emergency response plan, field staff training, website design, industry workshops (bioterrorism, labeling, etc.).

2005-2010



History and Evolution of SAFE

Food Safety Modernization Act (FSMA) signed into law.

2011



U.S. FOOD & DRUG
ADMINISTRATION



History and Evolution of SAFE

FSMA workshops, “process verification inspections” (40+), HACCP training, example SOP’s and prerequisite programs.

2011-2015



U.S. Food and Drug Administration (FDA)
Veterinary Feed Directive (VFD) Final Rule signed in 2015.

History and Evolution of SAFE

VFD outreach, FSMA preparation visits, FSMA self-assessment checklists, almond hullers seminar.

2015-2016

FOOD SAFETY MODERNIZATION ACT GOOD MANUFACTURING PRACTICES CHECKLIST

*EXAMPLE ONLY - May be used by firms for self-assessment
or for educational inspections performed by the state.*

Date of Inspection: _____ Firm #: _____
Current FDA License #: _____ Total Time of Inspection: _____
Firm Name: _____
Address: _____
City & State: _____ Telephone: _____
Owner/Parent Firm (If Different): _____
Address: _____
City & State: _____ Telephone: _____
Responsible Individual & Title: _____
Type of Commercial Feed Manufacturer:
Commercial Feed mill _____ Custom Formula Mixer _____
Premix Mineral facility _____ Other _____

HAZARD ANALYSIS AND RISK BASED PREVENTIVE CONTROLS INSPECTION CHECKLIST

*EXAMPLE ONLY - May be used by firms for self-assessment
or for educational inspections performed by the state.*

Firm Name: _____ Date: _____
Location: _____

KEY

N/A = Does not apply C = Inspected and in compliance X = Inspected and NOT in compliance

Preventive Controls Qualified Individual: _____
List relevant documented completed training: _____

FOOD SAFETY PLAN

The written food safety plan must include:

☐ 1. The written hazard analysis

History and Evolution of SAFE

FSMA “Readiness” Inspections (40+), Food Safety Preventive Controls Alliance (FSPCA) Preventive Controls Qualified Individual (PCQI) Trainings (4), mixer study and flush verifications (20+), annual sample and violation report.

2017-2018



U.S. Farm Bill legalized
hemp production in
2018.

History and Evolution of SAFE

Fund research to study feed safety of hemp by-products, food safety plan consultations.

2019-2020



California Senate Bill 1383 set methane emission reduction targets for California in 2016, and in 2019-2020 regulations are finalized.

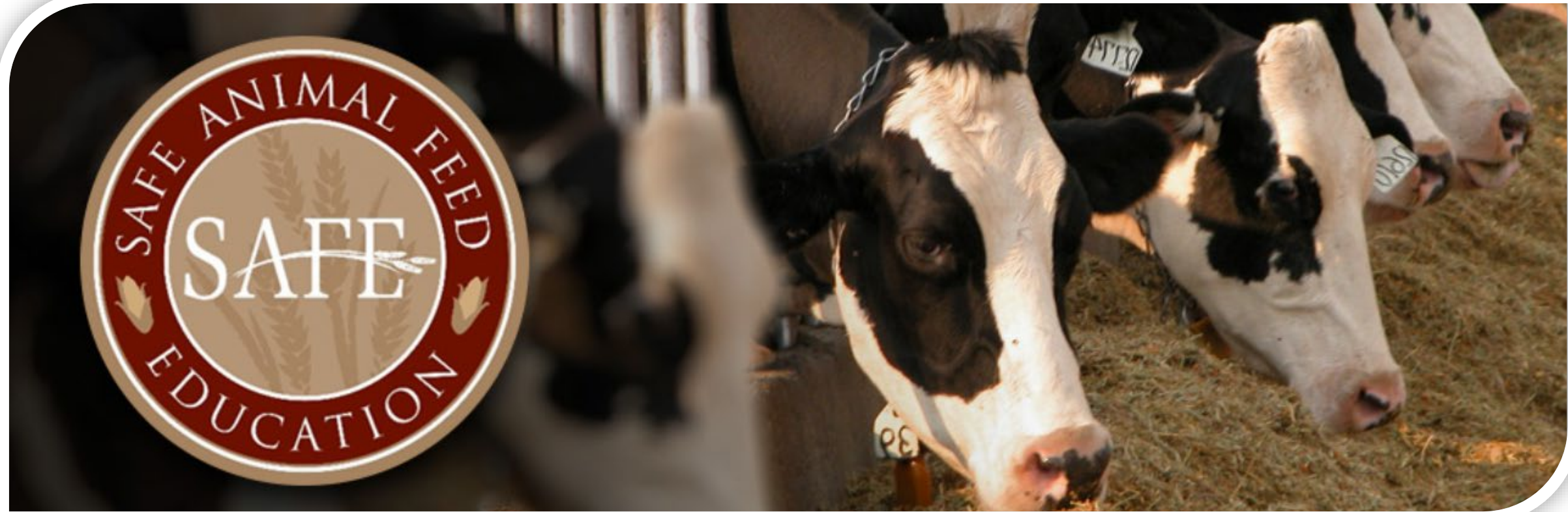
History and Evolution of SAFE

Human food waste diversion outreach, food facility visits, fund by-products capacity research, State of the Science Summit, launch Run of the Mill Blog.

2020-2023



In 2022, CFRP adopts regulations to incentivize human food waste diversion to animal feed.



Education

Guidance Documents
Training and
Workshops
Individual Consultation

Outreach

Targeted Outreach
Website, Blog,
Listserv
Surveys

Sampling Studies

Mycotoxin
Mixer Efficiency
Flush Verification
Annual Reports

Research

Feeding Trials
By-product Capacity

Research Updates

- Hemp By-product as a Ruminant Feed (lactating goat trial)
 - Tested for CBD and THC in milk, blood, adipose tissue.
- Assessing the importance of by-product feedstuffs to livestock and the environment in California
 - Surveys sent to nutritionists/livestock farmers, food processors, feed mills/brokers, crop farmers/growers.



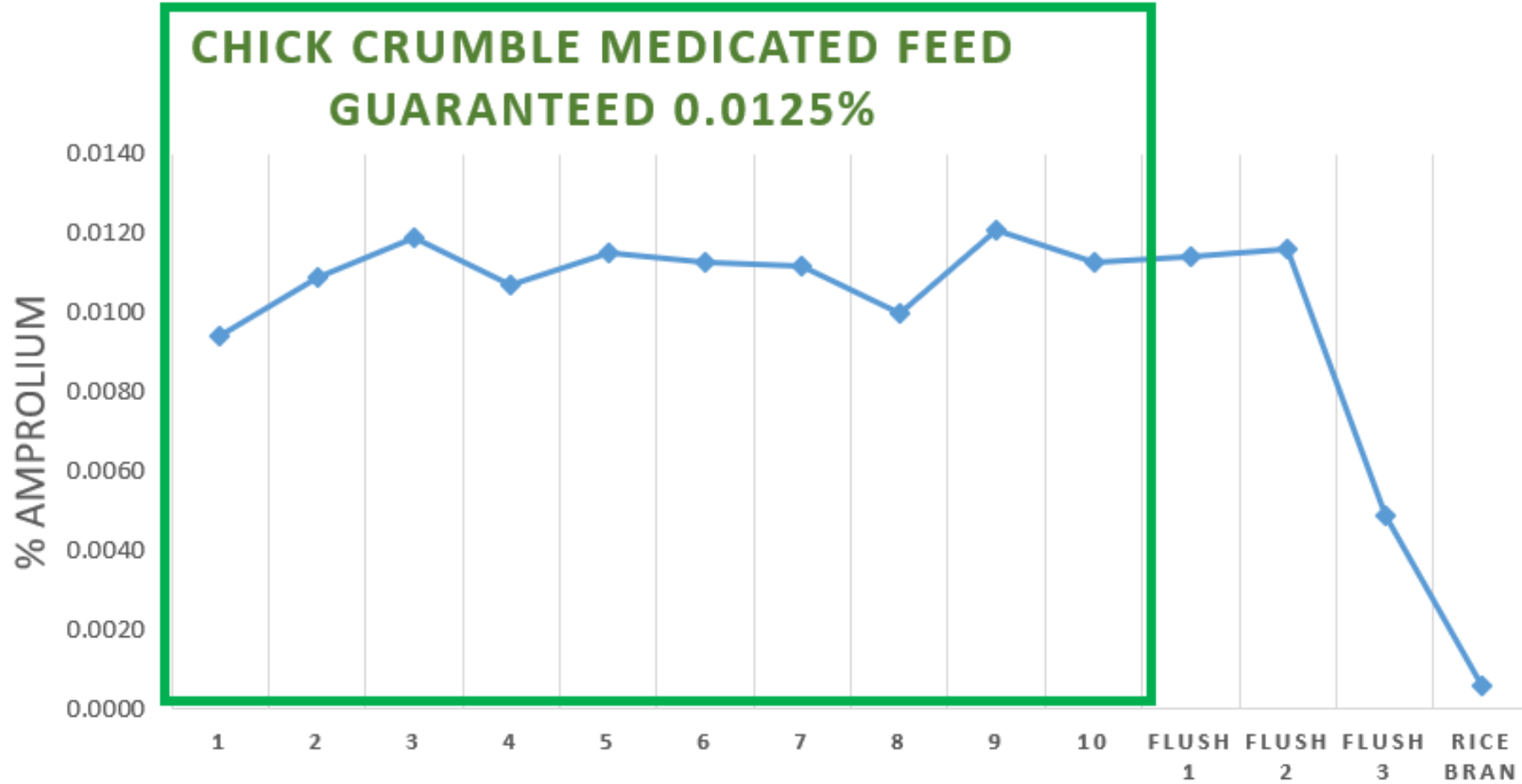
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Mixer Studies and Flush Verification

- Conducted as needed- only a few per year.
- Work with firm and/or local inspector to help in study design.
- Analyze results.
- Firms receive report from SAFE with recommendations.

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Mixer Study and Flush Verification



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Food Safety Plan Consultation

- Via email, zoom, or in-person.
- Review hazard analysis and standard operating procedures.
- Answer questions.
- Offer suggestions to improve and strengthen the food safety plan.

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PCQI Training

- FSPCA Lead Instructor
- Offered for free to licensed California firms (only cost directly to FSPCA).
- Maintain log of interested parties to determine when to offer another training.
- Priority given to firm's that do not already have a PCQI.



FSPCA PCQI Training

If you are interested in attending a PCQI Training, please reach out to safe@cdfa.ca.gov.

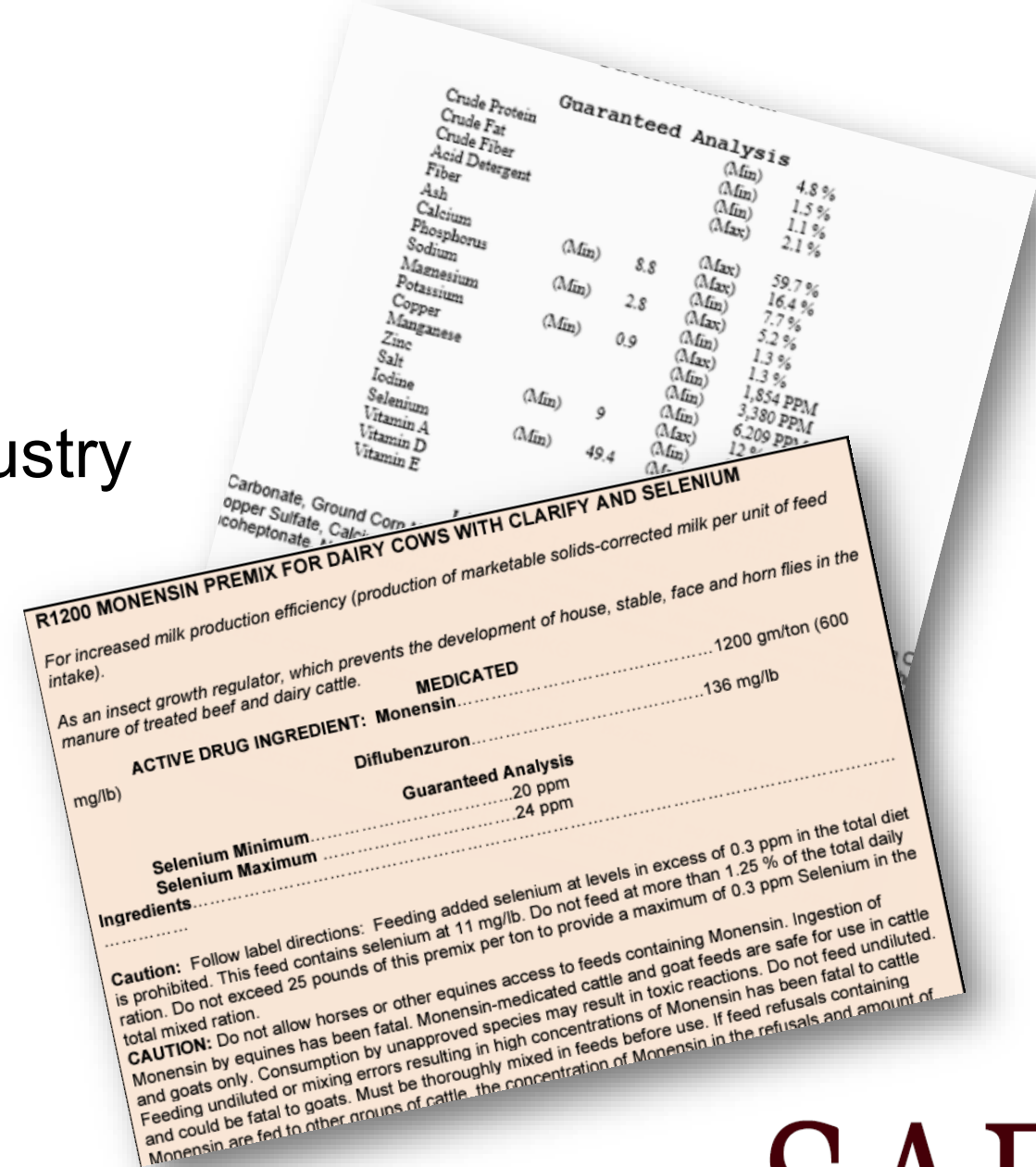
SAFE PCQI Trainings Offered:

- December 2022- Blended Course in Sacramento, CA
- December 2021- Blended Virtual Course
- December 2020- Blended Virtual Course
- October 2018- Modesto, CA
- December 2017
- July 2017
- March 2017

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Label Review

- Voluntarily submitted by industry
- Assist inspectors if needed



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Industry Workshops

- As needed
- 2023 Almond Alliance Webinar
- Helped with 2023 State of the Science Summit



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Website, Listserv and Blog

- Update and maintain website resources
- Send updates to email subscribers
- 'Run of the Mill' Blog started in 2023

 Receive Updates by Email

 Quarterly Feed Update Newsletter

 Industry Notices



Recent Posts

Notice to Industry: Novel and Not Currently
Approved Feed and Livestock Drugs (12/20/23)

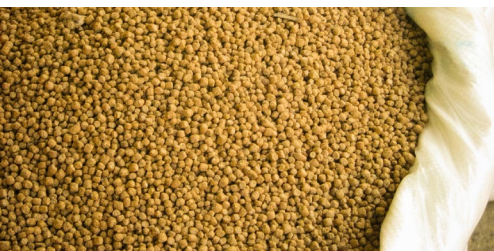
Highly Pathogenic Avian Influenza (Bird Flu)
Detected in Commercial Flocks in Stanislaus
County, California (12/18/23)

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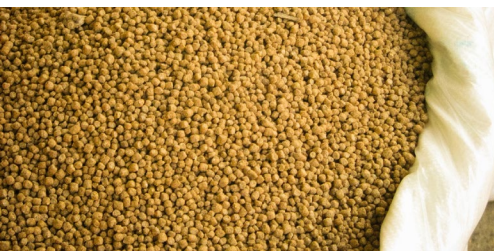
Targeted Outreach

- Outreach to specific firms or firm types
 - Visits
 - Email or phone
- Collaborate with inspectors
- 2022 targeted outreach campaign results
 - 18 firms identified by Compliance Officer
 - 50% SAFE completed task or is currently working with firm
 - 50% of firms were not currently interested in SAFE resources





Educational Publications



Annual Reports Published

Sample Report

- Sample and analyses totals
- Violation rate

Mycotoxin Report

- Early corn crop mycotoxin study
- Full report all mycotoxin results for the year

Tonnage Report

- Tonnage reported to program by category

Labeling



Labeling Resources

California Commercial Feed Labeling Guide 

Label Review Checklist 



SAFE Medicated Feed Label Guidance 

CA Commercial Feed Label Review Checklist



The California Department of Food and Agriculture's (CDFA) Safe Animal Feed Education Program (SAFE) guidance materials are provided for educational purposes only and do not guarantee adequacy of procedures or compliance with regulations.

1. Does the feed label contain each of the following basic components?

**Food and Agricultural Code (FAC), Section 14992*

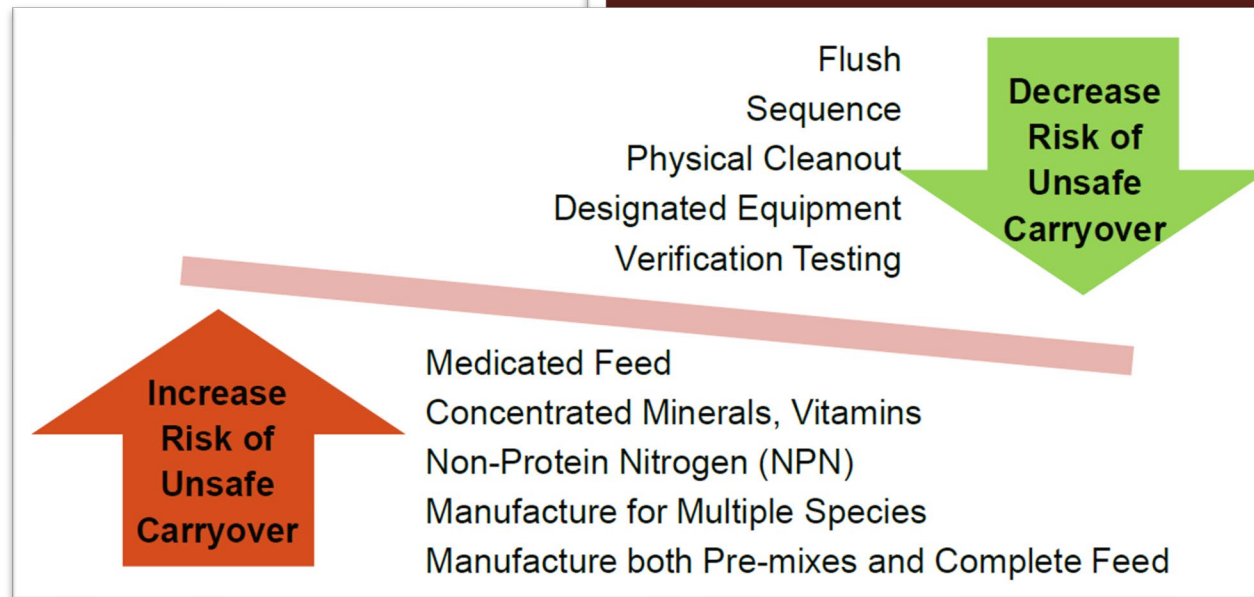
- ☐ Product name, brand name, or trademark*
- ☐ Name and principal address of the manufacturer*
- ☐ Net weight or volume unless accompanied by a weight certificate*
- ☐ Ingredients are approved for use in feed **(See # 2)**
California Code of Regulations (CCR), Section 2676(b)
- ☐ Guaranteed analysis* **(See # 4)**
- ☐ Complete list of ingredients using the recognized official name* **(See # 8)**
- ☐ Applicable warnings and caution statements*
- ☐ Depending on the ingredients and intended use of the feed, adequate directions for use are provided for the feed to be used safely*.
- ☐ Requirements for selenium, medication, non-protein nitrogen, etc.? **(See #9- #13)**

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Carryover

- SAFE Feed Manufacturing Carryover Guidance
- Example SOP's for Flushing and Sequencing



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Veterinary Feed Directives

[CDFA Home](#) | [Inspection Services](#) | [FFLDRS](#) | [SAFE](#) | [Veterinary Feed Directive](#)

Veterinary Feed Directive

The Commercial Feed Regulatory Program (CFRP) and Safe Animal Feed Education (SAFE) programs work cooperatively to continuously develop outreach and education materials, make resources available and keep industry up to date on the latest information on Veterinary Feed Directives. This includes, but is not limited to, information on how to properly label medicated feed, federal drug approvals, labeling guidance, and much more.

Veterinary Feed Directive Resources

New! [VFD Checklist](#) 

[VFD Questions and Answer Sheet - UPDATED](#) 

[FDA Guidance for Industry #120](#)

[Common Issues on Veterinary Feed Directives](#) 


[Filling a Veterinary Feed Directive](#) 



VFD Summary Report

New! [2022 Veterinary Feed Directive Summary Report](#) 

[Annual Summary Report Veterinary Feed Directives 2019](#) 

[Summary Report Veterinary Feed Directives 2017 – 2019 Q1](#) 




VFD Resources

[VFD Producer Requirements](#)

[VFD Veterinary Feed Directive Final Rule](#)

[FDA VFD Letter to Animal Food Facilities Retailers](#)

[List of Veterinary Feed Directive Distributor Notification](#) 

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Food Safety Plans

Templates, Examples, and Checklists

How to Start a Food Safety Plan ▼
How to Start a Food Safety Plan
What should be in a Food Safety Plan
Hazards Associated with Feed Production
Hazard Analysis Template
Hazard Analysis Template Explanation
Hazard Analysis Rubric
Hazard Analysis Sample: Dairy Feed Mill CORN
Hazard Analysis Sample: Dairy Feed Mill SELENIUM
Hazard Analysis Sample: Dairy Feed Mill PELLET MILL
Sample SOP for Preventive Controls

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Licensing and Tonnage Reporting

- “Do I Need A Commercial Feed License” Infographic
- “Who Reports Tonnage Tax” Infographic
- Tonnage Tax How to Guide
- How to Report Tonnage of By-products Diverted to Animal Feed
- How to Apply for Commercial Feed License Guide
- ExtraView Database How to Videos

Do I need a Commercial Feed License?

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To	Activities of the Facility/Business	License Required?
Jul	Imported or into California (even if my location is eligible for exemptions).	✓
		✗
		✓
		✗
		✗
		✗
		✗

How to Apply for a Commercial Feed License

CFRP COMMERCIAL FEED REGULATORY PROGRAM

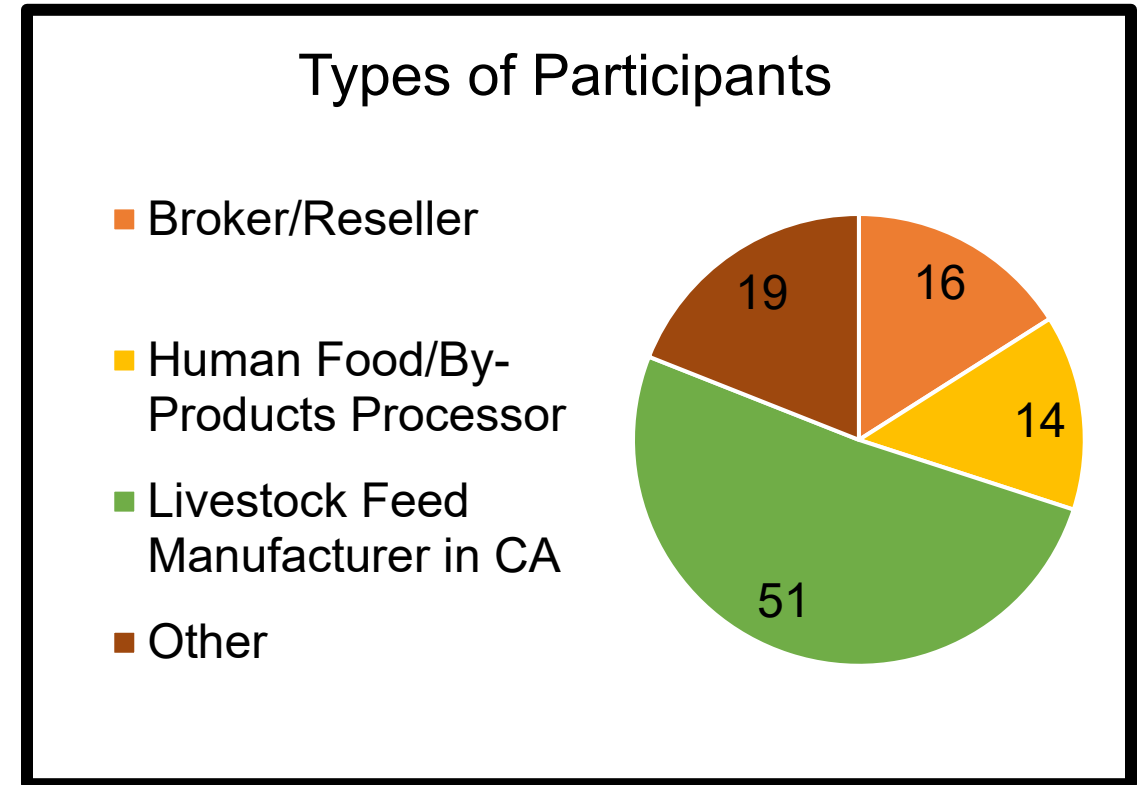
I (manufacturer)

I am a retail store selling only packaged feed from manufacturers who pay the inspection tonnage tax.

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SAFE Survey for Industry

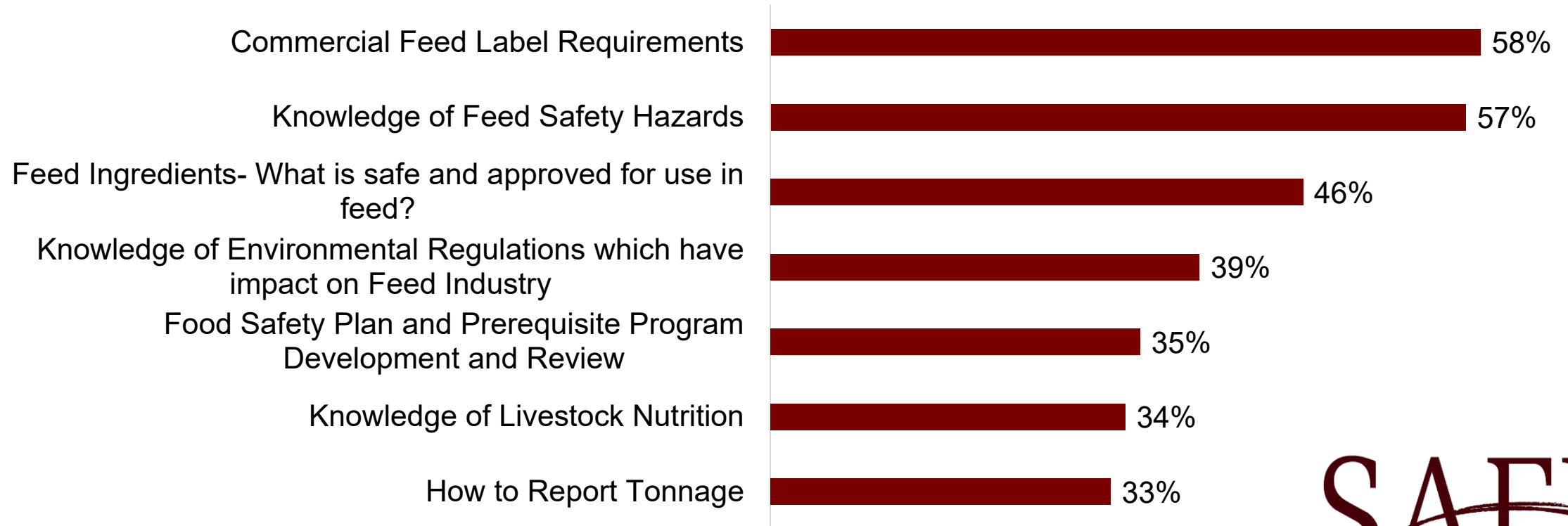
- Survey open Nov 2022-March 2023
- Sent to email subscribers
- 100 responses received
- Average time 3 minutes



Survey Results:

“I and/or employees at my company would benefit from education in which of the following areas?” Select all that apply.

Participant Responses

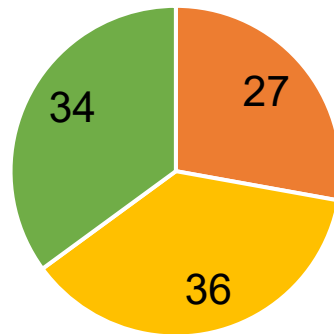


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Survey Results:

Value Associated with Education

- Education is needed to be in compliance
- Operations would benefit from this education
- I am interested in learning more in these areas



Preferred Format of Education



SAFE



SAFE ANIMAL FEED EDUCATION



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