

# Almond Hullers Educational Seminar

July 8<sup>th</sup> 2015  
Harvest Hall, Modesto, CA

Presented by: Commercial Feed Inspection Program



CALIFORNIA DEPARTMENT OF  
FOOD & AGRICULTURE

# Agenda

- **8:30 - Welcome, Review Agenda – Jenna**
- **8:40 - Current California Almond Hull Laws and Regulations**
- **9:00 - History of Almond Hull Legislation – Cathryn**
- **9:30 - Violations of Past Years – Mike and Sami**
- **10:00 - Nutritionist Perspective on Almond Hulls as a Feed Ingredient – Jed Asmus**
- **11:00 - Break**
- **11:15 - Processor Quality Control – Manny Silva**
- **11:45 - Almond Hullers and Processors Association Work Group Update – Kelly Covello**
- **12:15 - Panel Discussion**
- **12:30 - Conclusion of Seminar and Closing Remarks**



# Opening Remarks



# Current Regulations

- **2773.5. Almond Hull Products.**
- (a) Almond hulls are obtained by drying that portion of the almond fruit which surrounds the nut. They shall not contain more than 13.0 percent moisture, nor more than 15.0 percent crude fiber, and not more than 9.0 percent ash. If they contain more than 15.0 percent but less than 29.0 percent crude fiber, they shall be labeled "Almond Hull and Shell," and the maximum percent of crude fiber shall be stated. If the crude fiber exceeds 29.0 percent, the product shall be labeled "Almond Shell." If the ash exceeds 9.0 percent, the term "and dirt" shall be included in the product name. Almond hull products shall be free of foreign material, including plastic, glass, and metal except in such trace amounts as unavoidably occur in good manufacturing practices.
- (b) When the following almond hull products are used in a mixed feed, the maximum percent shall be stated.
  - (1) Almond hull and shell.
  - (2) Almond shell.
  - (3) Almond products containing more than 9.0 percent ash.
- Authority: Sections 407 and 14902 of the Food and Agricultural Code.
- Reference: Sections 14992 and 15011 of the Food and Agricultural Code. 31

# Important points to remember:

- Variables in making regulating the Almond Hulls demanding:
  - The size of our dairy industry in CA
  - The volume of almond hulls available as feed
  - The evolution of the types of input to a ration
  - The information used to make up that ration and the advance of technology/standards for testing feed.

# Regulations and CDFA

- Program does write regulations
- Work through the advisement and leadership of the Feed Inspection Advisory Board
- Does not move unilaterally or independently on development of regulations
- Based on the authority of the Law
- Any regulation change has to work for the industry – Hullers/Shellers and the consumer.