



December 18, 2014

To: Commercial Feed Licensees Storing Feed Ingredients

NOTICE TO THE COMMERCIAL FEED INDUSTRY

Feed Moisture Regulations

With the California rainy season approaching, the Feed, Fertilizer, and Livestock Drugs Regulatory Services (FFLDRS) Branch is reminding licensees who store and distribute commercial feed in California about the moisture regulation in the California Code of Regulations, Section 2694(l).

- **Maximum percentage moisture or minimum percentage dry matter shall be guaranteed when moisture exceeds 15.0 percent.**
- **When dried animal waste (i.e. poultry litter) is used in a mixed feed, the moisture of the mixed feed shall not exceed 15.0 percent.**

The definitions for the following products have maximum moisture specifications that must be guaranteed on the label.

- **Whole cottonseed, prime whole cottonseed, and almond hulls shall not contain more than 13.0 percent moisture.**

2773.5. Almond Hull Definition

Almond hulls are obtained by drying that portion of the almond fruit that 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.

2783. Whole Cottonseed Definitions

Whole cottonseed is seed remaining after removal of fiber in the ginning process. It shall contain not more than 15.0 percent free fatty acids in the oil. It shall contain not more than 13.0 percent moisture and not more than 2.0 percent foreign material. It shall be labeled to include the maximum percent ash.

Prime whole cottonseed is seed remaining after the removal of fiber in the ginning process. It shall contain not more than 3.0 percent free fatty acids in the oil. It shall contain not more than 13.0 percent moisture and not more than 2.0 percent foreign material. It shall be labeled to include the maximum percent ash.

If the moisture exceeds the level allowed in the definitions for whole cottonseed and almond hulls, the product must be labeled as “high-moisture whole cottonseed” or “high-





CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

Karen Ross, Secretary

moisture almond hulls,” along with the moisture maximum guarantee. **See attached example labels.**

If you have any questions about the commercial feed moisture regulations in California, please call the FFLDRS Branch at the number listed below.

Sincerely,

(Original Signed by Jenna Areias)

Jenna M. Areias, Program Supervisor
Feed, Livestock Drugs, and SAFE Programs
Jenna.areias@cdfa.ca.gov





Almond Hulls Example Labels

Damaged do to mold or heating in the stack but not above 13.0 percent moisture

Damaged Almond Hulls

Crude Protein, minimum	3.5%
Crude Fat, minimum.....	1.5%
Crude Fiber, maximum.....	15.0%
Ash, maximum	9.0%
Moisture, maximum.....	13.0%

Name and Address of Manufacturer or Guarantor

Damaged do to mold or heating in the stack and above 13.0 percent moisture

Damaged High Moisture Almond Hulls

Crude Protein, minimum	3.5%
Crude Fat, minimum.....	1.5%
Crude Fiber, maximum.....	15.0%
Ash, maximum	9.0%
Moisture, maximum.....	25.0%

Name and Address of Manufacturer or Guarantor

Above 13.0 percent moisture

Not damaged do to mold or heating in the stack

High Moisture Almond Hulls

Crude Protein, minimum	3.5%
Crude Fat, minimum.....	1.5%
Crude Fiber, maximum.....	15.0%
Ash, maximum	9.0%
Moisture, maximum.....	25.0%

Name and Address of Manufacturer or Guarantor





Cottonseed Example Labels

Damaged do to mold or heating in the stack but not above 13.0 percent moisture

Damaged Cottonseed

Crude Protein, minimum XX.0%
Crude Fat, minimum..... XX.0%
Crude Fat, maximum..... XX.0%
Ash, maximum XX.0%
Free Fatty Acids in the oil, maximumX.0%
Moisture, minimum..... XX.0%

Name and Address of Manufacturer or Guarantor

Damaged do to mold or heating in the stack and above 13.0 percent moisture

Damaged High Moisture Cottonseed

Crude Protein, minimum XX.0%
Crude Fat, minimum..... XX.0%
Crude Fat, maximum..... XX.0%
Ash, maximum XX.0%
Free Fatty Acids in the oil, maximumX.0%
Moisture, minimum..... XX.0%

Name and Address of Manufacturer or Guarantor

Above 13.0 percent moisture

Not damaged do to mold or heating in the stack

High Moisture Cottonseed

Crude Protein, minimumXX.X%
Crude Fat, minimum..... XX.0%
Crude Fat, maximum..... XX.0%
Ash, maximum XX.0%
Free Fatty Acids in the oil, maximumX.0%
Moisture, minimum..... XX.0%

Name and Address of Manufacturer or Guarantor

