



Nutritious Feed, Healthy Farm Markets, Sustainable Crop

HEMP FEED INITIATIVE: *An Industry Wide Effort to Gain Approval for Hemp in Animal Feed*

This deck outlines the Hemp Industry's proposal for legislative language to forward the approval of the use of hemp grain products in animal feed.



Help increase farmer markets and provide a nutritious feed option

Animal feed markets lower risk and expand markets for farmers. The majority of commodity market crops were grandfathered-in as feed, thus not required to gain approval from the FDA-CVM. The regulatory system of feed approval is a high cost and lengthy process. In the light of the fact there is a dearth of feed in the market, it is imperative to fix what is broken.

Did you know?

Hemp seed products are a source of high-quality protein, energy, fiber, and other nutritional benefits for animals. The profile of hemp feed is very similar to soy and canola feed. Safety and efficacy studies have been conducted that validate this claim.

% OF Essential Amino Acids Compared to Ideal

Table 2: Percent of EEA to Lysine, Compared to Ideals

EAA	Hemp Seeds	Soy Beans	Ideal
Methionine	56	31	27
Arginine	301	124	76
Threonine	85	78	61
Tryptophan	n/a	n/a	n/a
Histidine	69	44	58
Isoleucine	167	149	107
Lysine	100	100	100
Valine	124	92	62
Phenylalanine	114	103	60

Hemp Feed Pillar 1: Grain-sourced products only

Farm Bill Proposal: Provide **exclusion** of hemp seeds, hemp seed meal, hemp seed oil, hemp hulls, dehulled hemp hearts, hemp protein, hemp hurd and hemp seed screenings **from the 1958 Food Additive Petition** requirements.



For a safe legislative path to market, the industry advocates for the exclusion of grain-based products only, as grain does not contain cannabinoids, for which the FDA requires further safety studies.



Pillar 2: Non-consumption animals only

Farm Bill Proposal: Exclude these grain-based ingredients for companion, exotic, equine, and other non-production animals.



HFC agrees with the FDA-CVM that more research is needed to make data driven decisions regarding further approval of hemp ingredients for animals that humans consume.



Pillar 3: No added Cannabinoids

Did you know?

There are no cannabinoids produced within hemp grain. However, grain is adjacent to flower in the plant, therefore small amounts of *naturally occurring* cannabinoid contamination may occur when harvested. This is surface contamination which can be reduced to the parts per million with good manufacturing processing. Studies have shown these low levels of naturally occurring cannabinoids from compliant crops pose no risk for the animal.



Pillar 4: Comply with feed product registrations

Product Compliance such as:

- ✓ Labeling: Nutritional Analysis
- ✓ Testing: Microbial, Shelf Life, other applicable analytics
- ✓ Product Registrations



Supporters

Industry Associations



To Learn more, visit:

<https://hempfeedcoalition.org/2023-farm-bill-initiative/>

Thank you for your consideration

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