



# STATE OF IDAHO

## DEPARTMENT OF AGRICULTURE

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Governor  
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TO: LIQUID LIVESTOCK FEED COMPANIES  
FROM: LLOYD KNIGHT, ADMINISTRATOR *LSK*  
IDAHO STATE DEPARTMENT OF AGRICULTURE;  
PLANT INDUSTRIES DIVISION  
SUBJECT: BIODIESEL-DERIVED GLYCERIN POLICY-LIVESTOCK FEED  
DATE: AUGUST 29, 2013

### Background:

The AAFCO ingredient definition process provides ISDA and other state feed programs with a third party, expert review of ingredients by FDA scientists, through a memorandum of understanding (MOU) with Association of American Feed Control Officials (AAFCO). At the 2010 AAFCO Annual Meeting, participants passed a tentative definition for biodiesel-derived glycerin. The following definition is listed as tentative in the 2013 AAFCO Official Publication:

*T60.11 Biodiesel-derived glycerin is a liquid co-product of biodiesel production derived from refined vegetable oils by a base catalyzed transesterification process. It is intended as a source of energy in livestock diets. It must contain not less than 80% glycerin, not more than 15% water, not more than 0.15% methanol and not more than 5 ppm of heavy metals. It may contain up to 8% salt and 0.1% sulfur. It is for use in an amount not to exceed 15% of the complete feed for ruminants and 10 % of the complete feed for all other livestock species. The label shall include guarantees for minimum glycerin, maximum water, and maximum methanol as well as the statement "For further mixing into livestock feed." (Proposed 2011)*

In August 2013, a revised tentative definition for biodiesel-derived glycerin was approved by the AAFCO Ingredient Definition Committee. The revised tentative definition, TT60.111 Biodiesel-derived glycerin, will be voted on by the AAFCO General Membership in January 2014, and if passed, will be published in the 2014 AAFCO OP as the replacement tentative definition for T60.11 Biodiesel-derived glycerin.

### Policy:

ISDA recognizes that the manufacturers of animal feed depend on timely and accessible feed ingredient definition specifications for purchase and manufacture of competitive, safe, and affordable animal feed products. Provided that Biodiesel-derived glycerin is manufactured according to the specifications of and used according to the feeding limitations outlined in the ingredient definition TT 60.111 Biodiesel-derived glycerin, and is labeled as "Biodiesel-derived glycerin" in the ingredient statement of mixed animal feeds, it will be allowed as an ingredient for livestock feed in Idaho.

*TT 60.111 Biodiesel-derived glycerin is a liquid co-product of biodiesel production by a base catalyzed transesterification process. It must be derived from processes utilizing sources of fatty acids compliant with the term "feed grade" and if animal fat of cattle origin is utilized, sources must not contain in excess of 0.15% insoluble impurities. It must contain not less than 60% glycerin, not more than 15% water, not more than 0.5% methanol and not more than 5 ppm heavy metals. It may contain up to 8% salt and 0.1% sulfur. It must be labeled with guarantees for minimum glycerin, maximum moisture, maximum sulfur, maximum ash and maximum methanol as well as the statement "For further mixing into livestock feed." It is for use in an amount not to exceed 15% of the complete feed for ruminants and 10% of the complete feed for all other livestock species.*