

**NOSB Recommendations**  
**Livestock Feed Ingredient Issues**  
**Adopted May 8, 2002**

**Vitamins and Minerals**

The NOSB recommends that the National List annotations be changed to allow for synthetic vitamins and minerals contained in Section 205.603(d)(1) and (2) by broadening the annotations to include materials either listed in the CFR or in Sections 57 or 90 on the AAFCO Official Publication with the following exceptions:

Mammalian and poultry slaughter by products, including bone ash, bone charcoal, bone phosphate, bone charcoal – spent, bone meal steamed, bone meal – cooked, hydrolyzed fat (33.3, 33.4, 33.5, 33.15).

The NOSB recognizes the need to review the following materials and recommends a TAP review to determine if the following materials should be prohibited:

Ammonium sulfate, ethylenediamine dihydriodide, metal amino acid complex, mete (specific amino acid) complex, metal amino acid chelate, metal proteniate, ammonium polyphosphate solution, diammonium phosphate, monoammonium phosphate, zinc chloride diammine complex, and menadione forms.

Approved: Yes – 13, No – 0, Abstain – 1

**Incidentals**

The NOSB recommends to add to the National List, Section 205.603, “incidental additives”, as defined by CFR 570.100(a)(3), to be used in livestock feed ingredients.

CFR definition of “incidental” – substances that are present at insignificant levels and do not have any technical or functional effect in the feed. Incidentals are exempt from the feed ingredient labeling.

Approved: Yes – 13, No – 0, Abstain – 1

**Materials Approved as Ingredients in Processed Foods**

The NOSB recommends the addition of a new 205.603(g) to read as follows:

205.603(g) – All materials as annotated in 205.605 can be used in organic livestock feed subject to FDA or AAFCO regulations.

Approved: Yes – 14, No – 0, Abstain – 0

**Carriers**

The NOSB recommends that carriers derived from agricultural products used in feed additives (as defined by AAFCO) shall satisfy all requirements in Section 205.237. (i.e. agricultural carriers must be organic.)

AAFCO definition of “carrier” – an edible material to which ingredients are added to facilitate uniform incorporation of the latter into the feeds.

Approved: Yes – 14, No – 0, Abstain - 0

### **Non-incidental Preservatives in Livestock Feed**

The NOSB recommends that all synthetic non-incidental preservatives used in livestock feed must be approved and listed in 205.603.

Approved: Yes – 14, No – 0, Abstain - 0

### **Probiotics**

The NOSB has previously determined that probiotics are nonsynthetic and thus allowed. The NOSB recognizes that the approved AAFCO feed ingredient label term for probiotics is “direct fed microorganisms”.

Approved: Yes – 14, No – 0, Abstain - 0

### **Enzymes**

The NOSB recommends that enzymes be allowed as nonsynthetic feed additives, provided that they are not derived from excluded methods.

Withdrawn by Livestock Committee – already approved in Section 205.605(a)(8).