

2017 Sunset Livestock Materials

NOSB has flagged the following substances listed below and is asking for additional information to help in the sunset review and decision process. A link to the NOSB summary of 2017 sunset materials is provided below along with the link to a survey that can be used to provide comment.

[NOSB livestock sunset summary \(PDF\)](#)

205.603 – Synthetic Substances Allowed in Organic Livestock Production

Alcohols (Ethanol & Isopropanol)

- Please provide any information regarding the denaturing material typically used in ethanol used in organic livestock production.
- What are the most common uses of ethanol?
- [Alcohols: Ethanol & Isopropanol](#)

Aspirin

- Since this material was last reviewed have alternative materials emerged?
- Is this material essential to organic livestock production?
- [Aspirin](#)

Atropine

- How common is the use of Atropine as a pre-medication before anesthesia?
- The 2005 Livestock subcommittee mentions the use of Atropine to treat eye infections. Is this still a common practice?
- [Atropine](#)

Biologics (Vaccines)

- Since vaccines were last reviewed have alternative materials emerged?
- Should all vaccines be allowed for preventive livestock healthcare?
- [Biologics – Vaccines](#)

Butorphanol

- Do metabolites have an impact on unborn animals if the mother is treated during pregnancy?
- What are the effects of metabolites that are excreted?
- Is butorphanol considered the preferred choice at this time, or are there other options?
- [Butorphanol](#)

Chlorhexidine

Chlorhexidine is a disinfectant that is used as a topical antiseptic during surgery, for “cold sterilization” of surgical instruments, and as a teat dip. Because chlorhexidine can have residual effects, it is only allowed for use as a teat dip when other teat dips have lost their effectiveness.

- Have you used chlorhexidine as a teat dip? If so, why did you need to use it?

- [Chlorhexidine](#)

Chlorine Materials (Calcium hypochlorite, sodium hypochlorite, chlorine dioxide)

- Are there less toxic disinfecting and sanitizing materials that could be substituted for chlorine materials?
- Are all three chlorine materials needed for use in livestock production?
- [Chlorine Materials](#)

Flunixin

- In the event the NOSB votes to remove Flunixin from the National List, would aspirin serve as a replacement? If not, why not?
- [Flunixin](#)

Glucose

- What is the ongoing use of glucose?
- Is this glucose currently necessary or essential in organic livestock production? Please explain.
- Are there commercially available alternative(s) since glucose last sunset review in 2012?
- Are there any annotation(s) needed for glucose? If so, explain and reference evidence.
- [Glucose](#)

Hydrogen Peroxide

- What is the ongoing use of hydrogen peroxide?
- Is this hydrogen peroxide currently necessary or essential in organic livestock production? Please explain.
- Are there commercially available alternative(s) for hydrogen peroxide last sunset review in 2012?
- Are there any annotation(s) needed for hydrogen peroxide? If so, explain and reference evidence.
- [Hydrogen peroxide](#)

Iodine

- Can iodophor forms of iodine be produced using less toxic surfactants than nonphenol polyethylene glycol ether (NPE) and similar NPE's? If so what might be substituted?
- If the use of NPE surfactants was prohibited in teat dips for use in organic livestock production how would this impact your farm?
- Are there equally effective alternatives to iodophor based teat dips for commercial use in organic livestock production?
- [Iodine](#)

Oxytocin

- What is the ongoing use of oxytocin?
- Is this oxytocin currently necessary or essential in organic livestock production? Please explain.
- Are there commercially available alternative(s) since oxytocin last sunset review in 2012?
- Are there any annotation(s) needed for oxytocin? If so, explain and reference evidence.
- [Oxytocin](#)

Parasiticides (Ivermectin, Moxidectin, Fenbendazole)

- Are the three parasiticides (Ivermectin, Moxidectin and Fenbendazole) different enough in their modes of action that they should all remain on the National List? If not, which one(s) would you recommend be removed from the List, and why?
- [Parasiticides:](#)

Peracetic Acid

- Since this material was last reviewed have alternative materials emerged?
- Is this material essential to organic livestock production?
- [Peroxyacetic/peracetic acid](#)

Phosphoric Acid

- Since this material was last reviewed have alternative materials emerged?
- Is this material essential to organic livestock production?
- [Phosphoric acid](#)

Tolazoline

- Are there alternative materials that should be petitioned for use?
- What alternative practices are available?
- [Tolazoline](#)

Xylazine

- Are there alternative materials that should be petitioned for use?
- What alternative practices are available?
- [Xylazine](#)

Copper sulfate

- Zinc Sulfate has recently been petitioned for use as a footbath treatment. In the event that the NOSB votes to add Zinc Sulfate to the National List, how likely are you to use this material instead of Copper Sulfate?
- [Copper sulfate](#)

Formic Acid

- Do the alternatives documented in the TR control varroa and tracheal mites?
- Are the alternatives discussed in the TR available for organic beekeepers?
- [Formic acid](#)

Lidocaine

- Since this material was last reviewed have alternative materials emerged?
- What is the scientific rational for what appears to be an excessively long withdrawal period?
- Is there research to indicate that a shorter withdrawal period would be appropriate?
- [Lidocaine](#)

Procaine

- Since this material was last reviewed have alternative materials emerged?
- What is the scientific rational for what appears to be an excessively long withdrawal period?
- Is there research to indicate that a shorter withdrawal period would be appropriate?
- [Procaine](#)

DL-Methionine

- What would be the impact on your poultry operation should the current annotation remain in effect for an additional 5 years?

Minerals & Vitamins

- What is the ongoing use of vitamins?
- Is this listing for vitamins currently necessary or essential in organic livestock production? Please explain.
- Are there commercially available alternative(s) for vitamins since the last sunset review in 2012?
- Are there any annotation(s) needed for vitamins? If so, explain and reference evidence.
- [Trace minerals](#)
- [Vitamins](#)

Excipients

- In reviewing the recent Technical Report, does the present annotation for Excipients continue to provide adequate guidance to MRO's and certifiers doing material review?