

# National Organic Update

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NOSB – Materials Chair

# National Organic Update

- National List of Allowed and Prohibited Substances
- National List Update
- Status of Petitioned Materials
- Material Review Process
- Process for Amending the National List

# National List of Allowed and Prohibited Substances

# Crops

**§ 205.601 Synthetic substances  
allowed for use in organic crop  
production**

**§205.602 Nonsynthetic substances  
prohibited for use in organic crop  
production**

# Livestock

**§205.603 synthetic substances  
allowed or use in organic livestock  
production**

**§205.604 Nonsynthetic substances  
prohibited for use in organic  
livestock production**

# Processing

**§205.605 Nonagricultural (nonorganic) substances allowed as ingredients in or on processed products labeled as “organic” or “made with organic (specific ingredients or food group(s)).**

**§205.606 Nonorganically produced agricultural products allowed as ingredients in or on processed products labeled as or “made with organic (specific ingredients or food group(s)).**

# National List Update

Federal Register – May 22, 2003  
(Handling Materials – 205.605)

Federal Register – April 16, 2003  
(Includes Crops Materials and Technical  
Corrections)

Final Rule – October 21, 2000  
(Includes NOSB recommendations from  
1995 – publication of rule)

# NOSB Recommendations

Technical Corrections:

Processing; Agar-Agar, Carageenan,  
Tartaric Acid

Crops; Sodium Chloride  
(w/annotations)

# Crops Materials

Total Reviewed = 15 materials

- 205.601 = 6 materials
- 205.602 = 1 material
- Non-synthetic = 1 material
- Change Annotation = 1 material
- Prohibit = 6 materials

# Livestock Materials

Total Reviewed = 26 materials

- 205.603 = 20 materials
- 205.604 = 1 material
- Non-synthetic allowed = 2 materials
- Deferred = 1 materials
- Prohibit = 2 materials

# Processing Materials

Total Reviewed = 20 materials

- 205.605 = 14 materials
- 205.606 = 2 material
- Non-synthetic Ag. = 2 materials
- Withdrawn = 1 material
- Prohibit = 1 material

NOSB Meeting  
Materials Update  
Petition Status

# Crops – Petition Status

Potassium Silicate (plant disease control)–  
deferred need more info on EPA labeling

Phosphoric Acid (aquatic plant extraction)–  
request new TAP on extraction materials

Ferric Phosphate – Petition not received from  
NOP

6-Benzyladine (plant growth regulator)-  
Forward for TAP

Potassium Carbonate (extraction material)  
Forward for TAP.

# Crops – Petition Status

- Hydrogen Chloride (delinting cotton seed)-
  - ◆ Forward for TAP
- Urea (active ingredient/insect attractant)
  - ◆ Forward for TAP
- Cryolite (insecticide)
  - ◆ Petition Rejected
- Ammonium (liquid fertilizer)
  - ◆ Under NOP review

# Livestock Petitions

1. Proteinated Chelates- TAP complete. Review at Next NOSB meeting.
2. Moxidectin – TAP complete. Review at Next NOSB meeting.

# Processing – Petition Status

1. Nitrous Oxide- TAP complete.  
Review at next NOSB meeting.

# Material Review Process

- The minimum timeframe for National List Material Review is 145 days.

# Material Review Process

- Day 1 through 14:

The petition for request of a material to be added or deleted from the National List is received by NOP. The NOP staff reviews the petition to see if all of the requirements, as described by the petition process, are complete. If the petition has all the required information then a copy of the petition is sent to the NOSB Materials Committee Chairperson.

# Material Review Process

## Day 14 through 30:

- The Materials Chairperson sends a copy of the petition to the Vice-Chair of the Materials Committee and Vice-Chair of the designated NOSB committee (ie. Crops, Livestock, or Handling). The Vice-Chair of the designated committee will review the entire document and convene a meeting with his/her committee to discuss a recommendation. The designated committee will vote on the recommendation and forward it (in writing) to the Materials Chair. The Materials Chair acts on their direction, for example; a TAP report is requested, the petition is returned to NOP with specific reasons as to why the material is being returned, or further direction is given regarding the material.

# Materials Review Process

Sixty (60) days prior to the NOSB Meeting:

- Copies of the completed TAP review must be received by NOP.
- The NOSB Committee will use this timeframe to review the TAP's.

# Materials Review Process

- Thirty (30) days prior to the NOSB Meeting:
- TAP reviews are posted on the NOP website for review and public comment.  
Copies of TAP reports are sent to petitioner

# Petition Request Documents

- [www.ams.usda.gov/nop](http://www.ams.usda.gov/nop)

# National List Criteria

- (1) The substance cannot be produced from a natural source and there are no organic substitutes;
- (2) The substance's manufacture, use, and disposal do not have adverse effects on the environment and are done in a manner compatible with organic handling;

# National List Criteria

- The potential of such substances for detrimental chemical interactions with other materials used in organic farming systems
- The toxicity and mode of action of the substance and of its breakdown products or any contaminants, and their persistence and areas of concentration in the environment

# National List Criteria

- The probability of environmental contamination during the manufacture, use, misuse or disposal of such substance
- The effect of the substance on human health
- The effects of the substance on biological and chemical interactions in the agroecosystem, including the physiological effects of the substance on soil, crop and livestock

# National List Criteria

- The alternatives to using the substance in terms of practices or other available materials
- It's compatibility with a system of sustainable agriculture

# National List Criteria

- (3) The nutritional quality of the food is maintained when the substance is used, and the substance, itself, or its breakdown products do not have an adverse effect on human health as defined by applicable Federal regulations;

# National List Criteria

- (4) The substance's primary use is not as a preservative or to recreate or improve flavors, colors, textures, or nutritive value lost during processing, except where the replacement of nutrients is required by law

# National List Criteria

- (5) The substance is listed as generally recognized as safe (GRAS) by Food and Drug Administration (FDA) when used in accordance with FDA's good manufacturing practices (GMP) and contains no residues of heavy metals or other contaminants in excess of tolerances set by FDA; and
- (6) The substance is essential for the handling of organically produced agricultural products.