National Organic Standards Board Meeting Tentative Agenda
Renaissance Seattle Hotel | 515 Madison Street | Seattle, WA, 98104 | Courtyard Ballroom B Level  
April 24 – 26, 2019

Schedule at a Glance:

<table>
<thead>
<tr>
<th></th>
<th>Apr 16 &amp; 18</th>
<th>Wednesday Apr 24</th>
<th>Thursday Apr 25</th>
<th>Friday Apr 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORNING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Call to Order/Welcome/Intros/Secretary’s report</td>
<td>- Public comments continued</td>
<td>- Handling Subcommittee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- NOSB report</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- USDA/AMS/NOP update</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- NASS 2019 Organic Survey</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Celery powder panel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AFTERNOON</td>
<td>- Public comment webinar(s) 1 - 4pm ET</td>
<td>- Methionine update</td>
<td>- Materials Subcommittee</td>
<td>- Crops Subcommittee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Public comments</td>
<td>- CACs</td>
<td>- Deferred proposals/Final votes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- NOSB group photo</td>
<td>- Livestock Subcommittee</td>
<td>- Work agendas/Materials’ update</td>
</tr>
</tbody>
</table>

Face-to-Face Meeting Format

- The Designated Federal Officer calls the meeting to order and adjourns the meeting. The NOSB Chair presides over the meeting.
- The USDA and National Organic Program (NOP) provide the NOSB with updates, and an overview of petitioned substances, sunset materials, and technical reports.
- The Board hears public comments.
- NOSB members present Subcommittee proposals, reports and discussion documents, and discuss public comment, prior to voting on proposals. Final votes may be deferred to the last day of the meeting if more deliberation is needed. NOTE: Agenda items may be withdrawn, or votes postponed at the discretion of the Board.
- There will be two 15-minute breaks (mid-morning & mid-afternoon) and a 90-minute lunch break mid-day. Recess and adjournment times may vary based on completion of business.

Public Comments (Written and Oral)

- All persons are encouraged to provide written comments via Regulations.gov.
- All persons wishing to provide oral comments are asked to sign up in advance. Instructions are available at https://www.ams.usda.gov/event/national-organic-standards-board-nosb-meeting-seattle-wa. There are two (2) opportunities to provide oral comments to the Board: During webinar(s) on April 16 and 18, 2019, and during the in-person meeting. Walk-in comment slots may become available on a first come-first served basis at the meeting, if the schedule allows.
- Each person may sign up for only one speaking slot. Commenters will be allowed a 3-minute time slot during either the webinar or at the face-to-face meeting. Each commenter must state his/her name and affiliation for the record at the beginning of their comment.
### Public comment webinar(s)

Please see the NOSB meeting webpage for login information and instructions.

---

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TUE/THU APR 16 &amp; 18</strong></td>
<td><strong>1:00 - 4:00 PM ET</strong> Public comment webinar(s)</td>
</tr>
</tbody>
</table>
| **WEDNESDAY APRIL 24, 2019** | **8:30 AM** Call to Order, Agenda Overview, Introductions  
Dr. Jennifer Tucker, NOP Deputy Administrator and NOSB members |
| | Secretary’s report (acceptance of Fall 2019 meeting summary as official record)  
Scott Rice, Secretary |
| | Welcome  
TBD |
| | **9:00 AM** NOSB report  
Harriet Behar, NOSB Chairperson |
| | **9:15 AM** USDA and Agricultural Marketing Service, National Organic Program Update  
Dr. Jennifer Tucker, NOP Deputy Administrator |
| | **10:00 AM** NASS 2019 Organic Survey  
Adam Cline, USDA National Agricultural Statistics Service (NASS) |
| | **10:30 AM** BREAK |
| | **10:45 AM** Celery Powder Panel  
Dr. Andrew L. Milkowski (University of Wisconsin - Madison)  
Mr. Logan Peterman, (Organic Valley/CROPP Cooperative)  
Dr. Erin Silva (University of Wisconsin - Madison)  
Jennifer Wasieleski (Kerry Foods) |
| | **12:15 PM** LUNCH |
| | **1:45 PM** Methionine update  
TBD  
Dr. Kristjian Bregendahl (Devenish Nutrition) |
| | **2:05 PM – 5:45 PM** Public comments  
~3:45 PM BREAK |
| | **5:45 PM** RECESS |
**THURSDAY  APRIL 25, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson</th>
<th>Topics</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM – 2:30 PM</td>
<td>Public comments continued</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>~10:15 AM BREAK</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>~12:15 PM - 1:30 PM LUNCH</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 2:30 PM    | **Materials Subcommittee (MS)**              | Emily Oakley, Chairperson | Proposal: Excluded methods determinations April 2019  
Discussion document: Excluded methods: induced mutagenesis and embryo transfer  
Discussion document: Marine materials in organic crop production  
Discussion document: Genetic integrity transparency of seed grown on organic land  
Discussion document: Assessing cleaning and sanitation materials used in organic crop, livestock and handling | Subcommittee discusses proposals and documents as needed  
Board votes if ready                                                      |
| 3:30 PM    | **Compliance, Accreditation & Certification Subcommittee (CACS)** | Sue Baird, Chairperson | Discussion document: Oversight improvements to deter fraud - Summary                                                                         | Subcommittee discusses proposals and documents as needed                                                               |
| 3:45 PM    | BREAK                                        |                       |                                                                                                                                                |                                                                      |
| 4:00 PM    | **Livestock Subcommittee (LS)**              | Scott Rice, Chairperson | Proposal: Oxalic acid - petitioned  
Discussion document: Use of excluded method vaccines in organic livestock production  
2021 Sunset substances review:  
Atropine  
Hydrogen peroxide  
Iodine (§205.603a and §205.603b)  
Magnesium sulfate  
(Parasiticide) Fenbendazole  
(Parasiticide) Moxidectin  
Peroxyacetic/Peracetic acid  
Xylazine  
DL - Methionine  
Trace minerals  
Vitamins | Subcommittee discusses documents as needed  
Board votes if ready                                                      |
| 5:30 PM    | RECESS                                       |                       |                                                                                                                                                |                                                                      |
Handling Subcommittee (HS)
Asa Bradman, Chairperson

Topics:
- Proposal: Silver dihydrogen citrate - petitioned
- Proposal: Pullulan - petitioned
- Proposal: Collagen gel (casing) - petitioned

2021 Sunset substances review:
- Acids, Citric
- Acids, Lactic
- Calcium chloride
- Dairy cultures
- Enzymes
- L-Malic acid
- Magnesium sulfate
- Microorganisms
- Perlite
- Potassium iodide
- Yeast
- Acid, Alginic
- Activated charcoal
- Ascorbic acid
- Calcium citrate
- Ferrous sulfate
- Hydrogen peroxide
- Nutrient vitamins and minerals
- Peracetic acid
- Potassium citrate
- Potassium phosphate
- Sodium acid pyrophosphate
- Sodium citrate
- Tocopherols
- Celery powder
- Fish oil
- Gelatin
- Orange pulp, dried
- Seaweed, Pacific kombu
- Seaweed, Wakame (Undaria pinnatifida)

Subcommittee discusses proposals and documents as needed
Board votes if ready

11:45 AM  Biodegradable mulch film - Update on research
Dr. Markus Flury, Washington State University
Dr. Ramani Narayan, Michigan State University

12:05 PM  LUNCH
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 1:30 PM - 4:15 PM | **Crops Subcommittee (CS)**  
Steve Ela, Chairperson  
**Topics:**  
Proposal: Allyl isothiocyanate (AITC) - petitioned  
Proposal: Ammonium citrate - petitioned  
Proposal: Ammonium glycinate - petitioned  
Proposal: Calcium acetate - petitioned  
Proposal: Strengthening the organic seed guidance April 2019  
Discussion document: Paper (Plant pots and other crop production aids) - petitioned  
2021 Sunset substances review:  
  Hydrogen peroxide (§205.601a and §205.601i)  
  Soaps, ammonium  
  Oils, horticultural (Narrow range oils) (§205.601e and §205.601i)  
  Pheromones  
  Ferric phosphate  
  Potassium bicarbonate  
  Magnesium sulfate  
  Hydrogen chloride  
  Ash from manure burning  
  Sodium fluoaluminate  
  Subcommittee discusses proposals and documents as needed  
  Board votes if ready |
| 4:15 PM       | Deferred proposals/Final votes                                       |
| 4:30 PM       | **NOSB work agenda/Materials update**                                |
| 4:45 PM       | Other business and closing remarks                                   |
| 5:00 PM       | ADJOURN                                                              |