

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

Livestock Subcommittee (LS) Notes

Tuesday, April 1, 2025, 3:00 pm ET

Present: Brian Caldwell (BC), Chair; Franklin Quarcoo (FQ), Vice Chair; Nate Lewis (NL); Corie Pierce (CP); Logan Petrey (LP); Amy Bruch (ADB)

Absent: Javier Zamora (JZ); Jo Mirenda (JM)

Staff: Michelle Arsenault (MA); Heather Kumar (HK)

Agenda

- Review March 18, 2025 notes
- 2028 Sunsets - TR determinations
- Additional Items
- Adjourn

Discussion

- **March 18, 2025 notes** were approved as written.
- **2028 Sunsets - TR determinations (all).** See table below. The LS will request a limited scope TR for the four chlorine materials. The group discussed specific questions to include in the TR request, including how these substances are used for livestock. The Handling and Crops Subcommittees are also requesting TRs for these materials, and all three subcommittees will collaborate to compile the list of questions.
- The LS will revisit the 2028 sunset for nutritive supplements, and determine the need for a TR.
- **Additional Items.**
 - Comments are open and given that the commenting deadline is right before the meeting, the Board members have encouraged stakeholders to submit early if possible. The NOSB Chair encouraged members to attend the webinar practice sessions so they can talk through the process. The Food Tech and team are going to summarize the comments each week up until the meeting, so Board members can monitor them intermittently. If the bulk of comments come in during the last week, then they will focus on the documents that might be voted on.
- **The meeting was adjourned**

[Previous LS Notes](#)

Future call schedule (1st and 3rd Tuesdays 3:00 PM ET | 12:00 PM PT, except where noted)

March 18, 2025

April 1, 2025

2028 Sunsets - TR determinations

April 15, 2025

May 6, 2025

May 20, 2025

June 3, 2025

June 17, 2025

July 1, 2025

July 15, 2025

August 5, 2025

August 19, 2025

September 2, 2025

September 16, 2025

October 7, 2025

October 21, 2025

November 4, 2025
November 18, 2025
December 2, 2025
December 16, 2025

Work Agenda

*Highlight indicates discussion. *Highlight indicates action needed. *Highlight indicates review completion and/or vote.

Petitioned Substances

Substance	National List	Contact	Doc Type	Notes	Scheduled/status	Target meeting
Chlorine Materials	205.603	FQ	TBD	Petition sent to LS 12.10.24. Petition sufficiency/TR request due 2.8.25. Petition was found sufficient 2.18.25, and the LS requested a full TR.		TBD
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/status	Target meeting
Research Priorities	BC/All	Spring 2025 list due to MS by January 9, 2025		Spr 2025
Annotation Changes: Iodine	NL	Annotation change work agenda item approved May 2024. Sent back to LS at the Fall 2025 meeting for additional work.		Spr 2025

2027 Sunset Review

TR Requests (June 2024), Summary (Spr 2025), Review (Fall 2025)

Substance	National List	Contact	TR Request ?		Scheduled /status	Target meeting
Butorphanol	205.603(a)(5)	CP	N	Sunset date: 03/15/2027 TAP: 2002 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	12.17.24	Summary: Spr 2025 Review: Fall 2025
Flunixin	205.603(a)(12)	NL	N	Sunset date: 03/15/2027 TAP: 2007 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	12.17.24	" "

Magnesium hydroxide	205.603(a)(18)	NL	N	Sunset date: 03/15/2027 TAP: 2007 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	“ “
Oxytocin	205.603(a)(22)	BC	N	Sunset date: 03/15/2027 TAP: 1995 TR: 2005 2017/Fall - Rec to REMOVE 02/28/2022 87 FR 10930	12.17.24	“ “
Poloxalene	205.603(a)(26)	LP	Y - Lmt'd scope	Sunset date: 03/15/2027 TAP: 2001 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699 TR due mid Sep 2024. TR sent to LS 9.20.24. Suff due 11.19.24. TR found sufficient 11.19.24	11.19.24 1.21.25	“ “
Formic acid	205.603(b)(3)	LP	N	Sunset date: 03/15/2027 TR: 2011 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	“ “
Sucrose octanoate esters	205.603(b)(10)	FQ	Y - Lmt'd Scope	Sunset date: 03/15/2027 TR: 2005 2018/Fall - Rec to REMOVE 02/28/2022 87 FR 10930 TR due mid Dec 2024. TR sent to LS/CS 12.18.24. Sufficiency due 2.16.25. TR found sufficient 1.21.25	1.21.25	“ “
EPA List 4 Inerts	205.603(e)(1)	BC/NL	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.24	“ “
Excipients	205.603(f)	BC/NL	N	Sunset date: 03/15/2027 TR: 2015 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	“ “
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	“ “

Spring 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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NOP - Publish FRN, Open public comment	March 28, 2025	16 -20
NOP - Draft Spring 2025 NOSB meeting tentative agenda	Feb 7, 2025	~ 10
NOSB - Spring 2025 proposals due to NOP	Feb 13, 2025	~ 9
NOP - Post proposals	March 28, 2025	7.5
Public comment closes	April 28, 2025	3.5
NOP - Send compiled public comments to NOSB	April 29, 2025	3
Public comment webinars	Apr 22 & 24, 2025	1
Spring 2025 NOSB meeting - Virtual	Apr 29 - May 1, 2025	0
Final recommendations due	May 29, 2025	30 days post meeting

NOP - Publish FRN, Open public comment	~May 15, 2025	24
NOP - Draft Fall 2025 NOSB meeting agenda	Aug 8, 2025	~11
NOSB - Fall 2025 proposals due to NOP	Aug 20, 2025	~9
NOP - Post proposals	Sept 9, 2025	~8
Public comment closes	Oct 8, 2025	~4
NOP - Send compiled public comments to NOSB	Oct 14, 2025	~3
Public comment webinars	Oct 28 & 30, 2025	1
Fall 2025 NOSB meeting - Omaha, NE	Nov 4 - 6, 2025	0
Final recommendations due	Nov 28, 2025	~30 days post

2028 Sunset Review

TR Requests (June 2025), Summary (Spr 2026), Review (Fall 2026)

Previous Sunset Recommendations: [2021/Fall - Rec to Renew](#)

Previous Rule/Renewals: [04/14/2023, 88 FR 22893](#)

Substance	National List	Contact	TR Request?	Notes*	Scheduled/status	Target meeting
Activated charcoal	205.603(a)(6)	BC	N	Sunset date: 5/29/2028 2024 TR (Handling) 2021 TR 2002 TAP	3.18.25 4.1.25	Summary: Spr 2026 Review: Fall 2026

Calcium borogluconate	205.603(a)(7)	CP	N	Sunset date: 5/29/2028 2015 TR (Electrolytes) 2000 TAP	3.18.25 4.1.25	“ “
Calcium propionate	205.603(a)(8)	CP	N	Sunset date: 5/29/2028 2015 TR (Electrolytes) 2002 TAP	3.18.25 4.1.25	“ “
Chlorine materials: Calcium hypochlorite	205.603(a)(10)(i)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2006 TR	3.18.25 4.1.25	“ “
Chlorine materials: Chlorine dioxide	205.603(a)(10)(ii)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2006 TR	3.18.25 4.1.25	“ “
Chlorine materials: Hypochlorous acid - generated from electrolyzed water.	205.603(a)(10)(iii)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2017 Lmt'd Scope TR (hypochlorous acid) 2006 TR	3.18.25 4.1.25	“ “
Chlorine materials: Sodium hypochlorite	205.603(a)(10)(iv)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2006 TR	3.18.25 4.1.25	“ “
Kaolin pectin	205.603(a)(17)	LP	N	Sunset date: 5/29/2028 2021 TR 2002 TAP	3.18.25 4.1.25	“ “
Mineral oil	205.603(a)(20)	LP	N	Sunset date: 5/29/2028 2021 Lmt'd Scope TR 2015 TR 2002 TAP	3.18.25 4.1.25	“ “
Nutritive supplements	205.603(a)(21)	NL	TBD Maybe	Sunset date: 5/29/2028 2024 Lmt'd Scope TR (vitamins) 2019 TR (trace minerals) 2015 TR (Electrolytes)	3.18.25 4.1.25	“ “
Propylene glycol	205.603(a)(27)	ADB	N	Sunset date: 5/29/2028 2021 TR 2007 TAP	3.18.25 4.1.25	“ “
Sodium chlorite, acidified	205.603(a)(28) and 205.603(b)(9)	FQ	Y - Lmt'd scope with chlorin	Sunset date: 5/29/2028 2013 TR	3.18.25 4.1.25	“ “
Zinc sulfate	205.603(b)(11)	BC	N	Sunset date: 5/29/2028 2015 TR	3.18.25 4.1.25	“ “

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Livestock Subcommittee (LS) Notes
Tuesday, March 18, 2025, 3:00 pm ET

Present: Brian Caldwell (BC), Chair; Franklin Quarcoo (FQ), Vice Chair; Nate Lewis (NL); Corie Pierce (CP); Logan Petrey (LP)

Absent: Javier Zamora (JZ); Amy Bruch (ADB)

Staff: Michelle Arsenault (MA); Heather Kumar (HK); Jo Mirenda (JM)

Agenda

- Review February 18, 2025 notes
- Reassign four 2027 sunsets (Butorphanol, Flunixin, Poloxalene, Formic acid)
- Assign leads to 2028 sunsets
- Additional Items
- Adjourn

Discussion

- **February 18, 2025 notes** were accepted as written.
- **Reassign four 2027 sunsets (Butorphanol, Flunixin, Poloxalene, Formic acid).** These 4 sunsets were reassigned (see table below).
- **Assign leads to 2028 sunsets.** See table below for assignments.
- **Additional Items.**
 - Parasiticides. The LS Chair and the Food Technologist updated the Subcommittee on the parasiticide review. The initial search was vast, so they have striven to narrow the scope such as looking at specific regions or use patterns. A member asked about residues in milk and meat, and wondered if there was information speaking to that. The topic of parasiticides is on the NOSB research priorities list and the LS is seeking ways to move the project forward. The group discussed the need to identify the goal of the document, which may help narrow the scope.
 - A member mentioned interest in revisiting the topic of pork and swine production.
- **The meeting was adjourned**

[Previous LS Notes](#)

Future call schedule (1st and 3rd Tuesdays 3:00 PM ET | 12:00 PM PT, except where noted)

February 18, 2025

Chlorine Materials (FQ) - Petition sufficiency, TR request

March 4, 2025 - cancelled

March 18, 2025

April 1, 2025

April 15, 2025

May 6, 2025

May 20, 2025

June 3, 2025

June 17, 2025

July 1, 2025

July 15, 2025

August 5, 2025

August 19, 2025
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Work Agenda

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Petitioned Substances

Substance	National List	Contact	Doc Type	Notes	Scheduled/status	Target meeting
Chlorine Materials	205.603	FQ	TBD	Petition sent to LS 12.10.24. Petition sufficiency/TR request due 2.8.25. Petition was found sufficient 2.18.25, and the LS requested a full TR.		TBD
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/status	Target meeting
Research Priorities	BC/All	Spring 2025 list due to MS by January 9, 2025		Spr 2025
Annotation Changes: Iodine	NL	Annotation change work agenda item approved May 2024. Sent back to LS at the Fall 2025 meeting for additional work.		Spr 2025

2027 Sunset Review

TR Requests (June 2024), Summary (Spr 2025), Review (Fall 2025)

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
Butorphanol	205.603(a)(5)	CP	N	Sunset date: 03/15/2027 TAP: 2002 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	12.17.24	Summary: Spr 2025 Review: Fall 2025

Flunixin	205.603(a)(12)	NL	N	Sunset date: 03/15/2027 TAP: 2007 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	12.17.24	“ “
Magnesium hydroxide	205.603(a)(18)	NL	N	Sunset date: 03/15/2027 TAP: 2007 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	“ “
Oxytocin	205.603(a)(22)	BC	N	Sunset date: 03/15/2027 TAP: 1995 TR: 2005 2017/Fall - Rec to REMOVE 02/28/2022 87 FR 10930	12.17.24	“ “
Poloxalene	205.603(a)(26)	LP	Y - Lmt'd scope	Sunset date: 03/15/2027 TAP: 2001 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699 TR due mid Sep 2024. TR sent to LS 9.20.24. Suff due 11.19.24. TR found sufficient 11.19.24	11.19.24 1.21.25	“ “
Formic acid	205.603(b)(3)	LP	N	Sunset date: 03/15/2027 TR: 2011 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	“ “
Sucrose octanoate esters	205.603(b)(10)	FQ	Y - Lmt'd Scope	Sunset date: 03/15/2027 TR: 2005 2018/Fall - Rec to REMOVE 02/28/2022 87 FR 10930 TR due mid Dec 2024. TR sent to LS/CS 12.18.24. Sufficiency due 2.16.25. TR found sufficient 1.21.25	1.21.25	“ “
EPA List 4 Inerts	205.603(e)(1)	BC/NL	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.24	“ “
Excipients	205.603(f)	BC/NL	N	Sunset date: 03/15/2027 TR: 2015 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	“ “
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	“ “

Spring 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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Public comment closes	Apr 2, 2025	3.5
NOP - Send compiled public comments to NOSB	Apr 5, 2025	3
Public comment webinars	Apr 22 & 24, 2025	1
Spring 2025 NOSB meeting - VIRTUAL	Apr 29 - May 1, 2025	0
Final recommendations due	May 29, 2025	30 days post meeting

Fall 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
NOP - Publish FRN, Open public comment	~May 15, 2025	24
NOP - Draft Fall 2025 NOSB meeting agenda	Aug 8, 2025	~11
NOSB - Fall 2025 proposals due to NOP	Aug 20, 2025	~9
NOP - Post proposals	Sept 9, 2025	~8
Public comment closes	Oct 8, 2025	~4
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Fall 2025 NOSB meeting - Omaha, NE	Nov 4 - 6, 2025	0
Final recommendations due	Nov 28, 2025	~30 days post

2028 Sunset Review

TR Requests (June 2025), Summary (Spr 2026), Review (Fall 2026)

Previous Sunset Recommendations: [2021/Fall - Rec to Renew](#)

Previous Rule/Renewals: [04/14/2023, 88 FR 22893](#)

Substance	National List	Con tact	TR Request ?	Notes*	Scheduled/ status	Target meeting
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Activated charcoal	205.603(a)(6)	BC		Sunset date: 5/29/2028 2024 TR (Handling) 2021 TR 2002 TAP	3.18.25	Summary: Spr 2026 Review: Fall 2026
Calcium borogluconate	205.603(a)(7)	CP		Sunset date: 5/29/2028 2015 TR (Electrolytes) 2000 TAP	3.18.25	“ “
Calcium propionate	205.603(a)(8)	CP		Sunset date: 5/29/2028 2015 TR (Electrolytes) 2002 TAP	3.18.25	“ “
Calcium hypochlorite	205.603(a)(10) (i)	FQ		Sunset date: 5/29/2028 2006 TR	3.18.25	“ “
Chlorine dioxide	205.603(a)(10) (ii)	FQ		Sunset date: 5/29/2028 2006 TR	3.18.25	“ “
Hypochlorous acid - generated from electrolyzed water.	205.603(a)(10) (iii)	FQ		Sunset date: 5/29/2028 2017 Lmt'd Scope TR (hypochlorous acid) 2006 TR	3.18.25	“ “
Sodium hypochlorite	205.603(a)(10) (iv)	FQ		Sunset date: 5/29/2028 2006 TR	3.18.25	“ “
Kaolin pectin	205.603(a)(17)	LP		Sunset date: 5/29/2028 2021 TR 2002 TAP	3.18.25	“ “
Mineral oil	205.603(a)(20)	LP		Sunset date: 5/29/2028 2021 Lmt'd Scope TR 2015 TR 2002 TAP	3.18.25	“ “
Nutritive supplements	205.603(a)(21)	NL		Sunset date: 5/29/2028 2024 Lmt'd Scope TR (vitamins)	3.18.25	“ “
Propylene glycol	205.603(a)(27)	ADB		Sunset date: 5/29/2028 2021 TR 2007 TAP	3.18.25	“ “

Sodium chlorite, acidified	205.603(a)(28) and 205.603(b)(9)	FQ		Sunset date: 5/29/2028 2013 TR	3.18.25	“ “
Zinc sulfate	205.603(b)(11)	BC		Sunset date: 5/29/2028 2015 TR	3.18.25	“ “

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Present: Brian Caldwell (BC), Chair; Franklin Quarcoo (FQ), Vice Chair; Amy Bruch (ADB); Nate Lewis (NL); Corie Pierce (CP)

Absent: Javier Zamora (JZ); Logan Petrey (LP)

Staff: Michelle Arsenault (MA); Heather Kumar (HK); Jo Mirenda (JM)

Agenda

- Review February 4, 2025 notes
- Chlorine Materials (FQ) - Petition sufficiency, TR request
- Additional Items
- Adjourn

Discussion

- **February 4, 2025 notes** were approved via email as written.
- **Chlorine Materials - petitioned (FQ).** The lead summarized the petition and the TR. The petitioner seeks to clarify or resolve a conflict in the interpretation of the use of chlorine materials. One entity seems to be relying on the regulation at 205.603(a)(10) which is annotated, while others rely on guidance document NOP 5026. The petition was found sufficient and the LS discussed whether to request a full TR now, or wait, as the other 3 substances under chlorine materials are due to sunset in 2028. The group was unanimous that they wanted a new full TR now. The group reviewed the list of questions for the TR and will submit that to the NOP. The LS also asked if NOP has the capacity for another full TR at this time.
- **Additional Items.**
 - Request on agroforestry may belong in Crops rather than Livestock? The LS was slated to talk about it at the Executive Committee call today, and will mention this question. One member felt it fit into Livestock due to the grazing component, which would also fit better with Food Safety Modernization Act (FSMA).
 - Parasiticide literature review (HK). The Food Technologist is actively reading 26K science articles, and would like to have a follow up conversation about narrowing the scope. A member suggested perhaps residue levels in meat and livestock products as a focus area. Another member mentioned “routine use of parasiticides” and exploring the conditions that create resistance.
- **The meeting was adjourned**

[Previous LS Notes](#)

Future call schedule (1st and 3rd Tuesdays 3:00 PM ET | 12:00 PM PT, except where noted)

February 4, 2025

Annotation Change: Iodine (NL) proposal. Discuss/vote

Chlorine Materials (FQ) - Petition sufficiency, TR request?

Integrating livestock and agroforestry crops work agenda item

February 18, 2025

Chlorine Materials (FQ) - Petition sufficiency, TR request

March 4, 2025

March 18, 2025

April 1, 2025

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Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/status	Target meeting
Research Priorities	BC/All	Spring 2025 list due to MS by January 9, 2025	1.7.25	Spr 2025
Annotation Changes: Iodine	NL	Annotation change work agenda item approved May 2024. Sent back to LS at the Fall 2025 meeting for additional work.	2.4.25	Spr 2025

2027 Sunset Review

TR Requests (June 2024), Summary (Spr 2025), Review (Fall 2025)

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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Formic acid	205.603(b)(3)	KH	N	Sunset date: 03/15/2027 TR: 2011 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	" "
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Excipients	205.603(f)	BC/NL	N	Sunset date: 03/15/2027 TR: 2015 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	" "

Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	“ “
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NOP - Send compiled public comments to NOSB	Apr 5, 2025	3
Public comment webinars	Apr 22 & 24, 2025	1
Spring 2025 NOSB meeting - Tempe, AZ	Apr 29 - May 1, 2025	0
Final recommendations due	May 29, 2025	30 days post meeting

Fall 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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Final recommendations due	Nov 28, 2025	~30 days post

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Livestock Subcommittee (LS) Notes

Tuesday, February 4, 2025, 3:00 pm ET

Present: Brian Caldwell (BC), Chair; Franklin Quarcoo (FQ), Vice Chair; Amy Bruch; Nate Lewis (NL); Corie Pierce (CP); Logan Petrey (LP)

Absent: Javier Zamora (JZ); Jo Mirenda (JM)

Staff: Michelle Arsenault (MA); Heather Kumar (HK)

Agenda

- Review January 21, 2025 notes
- Welcome new members.
- Annotation Change: Iodine (NL) proposal. Discuss/vote
- Chlorine Materials (FQ) - Petition sufficiency, TR request?
- Integrating livestock and agroforestry crops work agenda item
- Additional Items
- Adjourn

Discussion

- **January 21, 2025 notes** were approved with no changes
- **Welcome new members.** Members introduced themselves and welcomed Corie Pierce to the Livestock Subcommittee.
- **Annotation Change: Iodine proposal (NL).** The lead summarized the proposal, which proposes to prohibit iodine that contains nonylphenol ethoxylates (NPEs).
- Motion to amend the listing for iodine at 205.603(a)(16) and 205.603(b)(4) as follows:
- Iodine, must be produced without the use of nonylphenol ethoxylates
Motion by: NL
Seconded by: BC
Yes: 5 No: 0 Abstain: 0 Recuse: 0 Absent: 1
- **Chlorine Materials - petitioned (FQ).** The lead summarized the petition, and made the connection to the Safe Drinking Water Act that was also part of the potassium hypochlorite sunset review. The petitioners are seeking an annotation to clarify allowed use. The group deferred the petition sufficiency determination to the next call, to allow time to gather additional information from the NOP.
- **Integrating livestock and agroforestry crops work agenda item (BC).** The group considered the work agenda request, and will forward it to the Executive Committee for approval on the February 18 Executive Team call.
- **Additional Items.** None.
- **The meeting was adjourned**

[Previous LS Notes](#)

Future call schedule (1st and 3rd Tuesdays 3:00 PM ET | 12:00 PM PT, except where noted)

January 21, 2025

2027 Sunset: EPA List 4 Inerts (BC/NL) - discuss

2027 Sunset: Excipients (BC/NL) - discuss

2027 Sunset: Poloxalene (KH) - discuss

2027 Sunset: Sucrose octanoate esters (FQ) - discuss TR sufficiency
 2027 Sunset: Strychnine (FQ) - discuss

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February 18, 2025

Chlorine Materials (FQ) - Petition sufficiency, TR request

March 4, 2025

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December 2, 2025

December 16, 2025

Work Agenda

*Highlight indicates discussion. *Highlight indicates action needed. *Highlight indicates review completion and/or vote.

Petitioned Substances

Substance	National List	Contact	Doc Type	Notes	Scheduled/ status	Target meeting
Chlorine Materials	205.603	FQ	TBD	Petition sent to LS 12.10.24. Petition sufficiency/TR request due 2.8.25	2.4.25 2.18.25	TBD
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/ status	Target meeting
Research Priorities	BC/All	Spring 2025 list due to MS by January 9, 2025	1.7.25	Spr 2025

Annotation Changes: Iodine	NL	Annotation change work agenda item approved May 2024. Sent back to LS at the Fall 2025 meeting for additional work.	2.4.25	Spr 2025
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2027 Sunset Review

TR Requests (June 2024), Summary (Spr 2025), Review (Fall 2025)

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
Butorphanol	205.603(a)(5)	NPP	N	Sunset date: 03/15/2027 TAP: 2002 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	12.17.24	Summary: Spr 2025 Review: Fall 2025
Flunixin	205.603(a)(12)	NPP	N	Sunset date: 03/15/2027 TAP: 2007 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	12.17.24	" "
Magnesium hydroxide	205.603(a)(18)	NL	N	Sunset date: 03/15/2027 TAP: 2007 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	" "
Oxytocin	205.603(a)(22)	BC	N	Sunset date: 03/15/2027 TAP: 1995 TR: 2005 2017/Fall - Rec to REMOVE 02/28/2022 87 FR 10930	12.17.24	" "
Poloxalene	205.603(a)(26)	KH	Y - Lmt'd scope	Sunset date: 03/15/2027 TAP: 2001 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699 TR due mid Sep 2024. TR sent to LS 9.20.24. Suff due 11.19.24. TR found sufficient 11.19.24	11.19.24 1.21.25	" "
Formic acid	205.603(b)(3)	KH	N	Sunset date: 03/15/2027 TR: 2011 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	11.19.24	" "
Sucrose octanoate esters	205.603(b)(10)	FQ	Y - Lmt'd Scope	Sunset date: 03/15/2027 TR: 2005 2018/Fall - Rec to REMOVE 02/28/2022 87 FR 10930 TR due mid Dec 2024. TR sent to LS/CS 12.18.24.	1.21.25	" "

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EPA List 4 Inerts	205.603(e)(1)	BC/NL	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.24	" "
Excipients	205.603(f)	BC/NL	N	Sunset date: 03/15/2027 TR: 2015 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	" "
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	1.21.25	" "

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Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

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Tuesday, January 21, 2025, 3:00 pm ET

Present: Brian Caldwell (BC), Chair; Franklin Quarcoo (FQ), Vice Chair; Nate Lewis (NL); Logan Petrey (LP); Kim Huseman (KH); Amy Bruch

Absent: Javier Zamora; Nate Powell-Palm (NPP)

Staff: Michelle Arsenault (MA); Heather Kumar (HK); Jo Mirenda (JM)

Agenda

- Review January 7, 2025 notes
- 2027 Sunset: Poloxalene (KH) - discuss
- 2027 Sunset: EPA List 4 Inerts (BC/NL) - discuss
- 2027 Sunset: Excipients (BC/NL) - discuss
- 2027 Sunset: Sucrose octanoate esters (FQ) - discuss TR sufficiency
- 2027 Sunset: Strychnine (FQ) - discuss
- Annotation Change: Iodine (NL) - discuss proposal/vote
- Additional Items
- Adjourn

Discussion

- **January 7, 2025 notes** were approved with minor corrections.
- **2027 Sunset Aspirin.** Members had a brief follow-up conversation about aspirin and the feedback they got from the FDA on the last call. The NOSB was appreciative of the opportunity to confer with the FDA and would like to continue that partnership, and promote future collaboration. Aspirin sunsets again in 2030.
- **2027 Sunset: Poloxalene (KH).** The lead summarized the poloxalene review, and noted that the limited scope TR focused on manufacturing processes. There are no known adverse health effects. The LS Chair suggested a question about alternatives. The lead will submit the document for the Spring 2025 meeting.
- **2027 Sunset: Sucrose octanoate esters (SOE) (FQ).** The lead summarized the review, noting that SOE is a parasiticide used for varroa mites in honeybees. The lead mentioned uses, environmental issues, and alternatives, and highlighted two questions for stakeholders. The TR was found thorough and sufficient, and the LS Chair will let the NOP know.
- **2027 Sunset: Strychnine (FQ).** The lead noted the review was simple and straightforward, given that strychnine is a prohibited substance. He summarized the uses, manufacture, and human health/environmental issues. He also noted that not much has changed since the last review. The LS will submit the review to the NOP for the Spring meeting.
- **2027 Sunset: EPA List 4 Inerts (BC/NL).** The lead circulated a draft review and briefly summarized it for the group. There were only minor changes since the last sunset review, given that the NOP is currently assessing an NOSB recommendation on List 4 inerts from the Fall 2024 meeting.
- **2027 Sunset: Excipients (BC/NL).** The lead noted that there are approximately 8,000 excipients, and that there is no equivalent list to the inerts. The LS added a question to stakeholders in the sunset review, asking whether the NOSB should attempt to refine the list of excipients, and if that's feasible.
- **Annotation Change: Iodine proposal (NL).** Deferred to next call due to time.
- **Additional Items**
 - **Chlorine Materials - petitioned.** Deferred to next call. FQ is the lead on this document.
 - **Integrating livestock and agroforestry crops work agenda item.** Deferred to next call.
- **The meeting was adjourned**

[Previous LS Notes](#)

Future call schedule (1st and 3rd Tuesdays 3:00 PM ET | 12:00 PM PT, except where noted)

January 7, 2025

FDA guest speakers

Research Priorities (All) - due to MS by 1.9.25

January 21, 2025

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Absent: None

Staff: Michelle Arsenault (MA); Heather Kumar (HK); Jo Mirenda (JM); Jared Clark (JC); Andrea Holm (AH)

Agenda

- Guest speakers - FDA
- Review December 17, 2024 notes
- 2027 Sunset: Poloxalene (KH) - discuss
- 2027 Sunset: Sucrose octanoate esters (FQ) - discuss
- 2027 Sunset: Strychnine (FQ) - discuss
- Research Priorities (All) - due to MS by 1.9.25
- Additional Items
 - Integrating livestock and agroforestry crops work agenda item
- Adjourn

Discussion

- **Guest speakers from the Food and Drug Administration (FDA)** joined the Livestock Subcommittee call to discuss aspirin. Dr. Cindy Burnsteel, Veterinary Medical Officer, US Department of Health and Human Services, Division Director, CVM; Dr. Amber McCoig, Senior Veterinary Medical Officer, Science Policy, Office of the Director at US FDA Center for Veterinary Medicine; and Dr. Julia Oriani, Regulatory Reviewer at U.S. FDA. The group discussed aspirin, flunixin, other animal pain meds, and withdrawal times. The FDA discussed the effectiveness and approval status of aspirin. Flunixin is a good alternative, and is already on the NL. Dr. Amber McCoig shared the following link as a resource to search for allowed animal drugs, animaldrugs@fda.gov, and Dr. Julia Oriani offered to be a contact if anyone had follow-up questions about withdrawal time. Members discussed how to move forward, given that international Standards such as Australia, allow it, and do not allow flunixin.
- **December 17, 2024 notes** were approved with minor changes.
- **2027 Sunset: Poloxalene (KH)**. Deferred to next call.
- **2027 Sunset: Sucrose octanoate esters (FQ)**. Deferred to next call.
- **2027 Sunset: Strychnine (FQ)**. Deferred to next call.
- **Research Priorities (All)**. The group discussed the list of research priorities and based on suggestions from members, the lead will make modifications to the current list and submit it to the Materials Subcommittee for the Spring meeting. A member will send a list of ideas to the LS Chair regarding swine, and the Chair will recirculate the updated draft via email for final approval.
- **Additional Items**
 - Chlorine Materials - assign lead. Deferred to next call.
 - Integrating livestock and agroforestry crops work agenda item. Deferred to next call.
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2027 Sunset: Butorphanol (NPP)

2027 Sunset: Flunixin (NPP)

2027 Sunset: Oxytocin (BC)

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Annotation Change: Iodine

February 4, 2025

February 18, 2025

March 4, 2025

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Work Agenda

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Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

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