

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, December 16, 2025 3:00 pm ET

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

Absent: Javier Zamora (JZ); Logan Petrey (LP); Corie Pierce (CP)

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

Agenda

- Review December 2, 2025 notes
- Winter meeting updates/2027 sunset presentation reminders/finalizing docs after voting
- 2028 Sunsets:
 - 2028 Sunset: Activated charcoal (BC) - discuss
 - 2028 Sunset: Nutritive supplements (NL) - discuss
- Additional Items
- Adjourn

Discussion

- **December 2, 2025 notes**
- **Winter meeting updates/2027 sunset presentation reminders/finalizing docs after voting.** The NOSB Chair updated the group on the process for the Fall meeting, which was rescheduled for January. In addition to the 2027 sunsets, Livestock will present the annotation change proposal on oxytocin. The NOSB will conduct officer elections at the meeting, and after the meeting, the new officers will work with the Subcommittee Chairs on the new Subcommittee rosters.
- **2028 Sunsets:**
 - **2028 Sunset: Activated charcoal (BC).** The lead summarized the uses, manufacture, and human health and environmental issues, noting there are few and that activated charcoal is non-controversial. The group discussed ancillary substances vs. excipients, and determined that ancillary substances applied to handling substances only. Allowed in feed, however it's a medical treatment administered through feed,
 - **2028 Sunset: Nutritive supplements (NL) - deferred to next call.**
- **Additional items.** The group discussed the outstanding request to have the Food Technologist research parasiticides. The scope of the project was broad, resulting in thousands of journal articles, so the group discussed either tightening the focus or withdrawing the request altogether. The Food Technologist offered to talk with the LS members to rescope the project. A member offered a potential solution for narrowing the scope to focus on routine use vs. emergency use. After some discussion, the LS chose to withdraw its request, and the LS chair will send an email to NOP.
- **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)

December 2, 2025

2028 sunset: Calcium borogluconate (CP)

2028 sunset: Calcium propionate (CP)

2028 sunset set: Zinc Sulfate (BC)

2028 Sunset: Kaolin pectin (ABD).

Mineral oil (ABD)

Propylene glycol (ABD)

December 16, 2025

2028 Sunset: Activated charcoal (BC) - discuss

January 6, 2026

Chlorine materials (FQ) - discuss petition discussion document

2028 Sunsets: Calcium hypochlorite, Chlorine dioxide, Hypochlorous acid, Sodium hypochlorite (FQ) - discuss

2028 Sunset: Sodium chlorite, acidified (FQ) - TR sufficiency

2028 Sunset: Nutritive supplements (NL) - discuss

January 20, 2026

Agroforestry discussion

Research Priorities (BC -> ?)

February 3, 2026

February 17, 2026

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	Discussion document	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 Lmt'd Scope TR. TR received 12.9.26. Suff due Feb 7.	2.4.25 2.18.25 5.20.25 8.5.25 8.19.25 1.6.26	Spr 2026
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/ status	Target meeting
Integrating livestock and agroforestry crops - Discussion Doc	BC/CP	Approved by Exec Cmmte 3.19.25, and NOP 4.16.25	5.20.25 8.5.25 8.19.25 1.20.26	Spr 2026
Research Priorities	BC/All	Fall list due to MS by July 8, 2025. Spring list due to MS by Feb 4, 2026.	7.1.25 1.20.26	Fall 2025
Annotations: Oxytocin	BC	Proposal	7.1.25 7.15.25 8.5.25	Fall 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	7.15.25	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	7.15.25	" "
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	6.3.25	" "
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	5.20.25 7.1.25	" "
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	7.1.25	" "
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	6.3.25	" "
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	7.15.25	" "
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	6.3.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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	7.15.25	" "
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	6.3.25	" "

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
NOP - Send compiled public comments to NOSB	Oct 14, 2025	~3
Public comment webinars	Cancelled	1
Fall 2025 NOSB meeting - Omaha, NE	TBD	0
Final recommendations due	TBD	~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 12.16.25	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 12.2.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
Calcium propionate	205.603(a)(8)	CP	N	Sunset date: 5/29/2028 2015 TR (Electrolytes) 2002 TAP	3.18.25 4.1.25 12.2.25	" "
Chlorine materials: Calcium hypochlorite	205.603(a)(10)(i)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2006 TR Draft TR due Nov 2025. TR sent to LS 12.10.25. TR Suff due 2.7.26	3.18.25 4.1.25 1.6.25	" "
Chlorine materials: Chlorine dioxide	205.603(a)(10)(ii)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2006 TR Draft TR due Nov 2025. TR sent to LS 12.10.25. TR Suff due 2.7.26	3.18.25 4.1.25 1.6.25	" "
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 Draft TR due Nov 2025. TR sent to LS 12.10.25. TR Suff due 2.7.26	3.18.25 4.1.25 1.6.25	" "
Chlorine materials: Sodium hypochlorite	205.603(a)(10)(iv)	FQ	Y - Lmt'd Scope	Sunset date: 5/29/2028 2006 TR Draft TR due Nov 2025. TR sent to LS 12.10.25. TR Suff due 2.7.26	3.18.25 4.1.25 1.6.25	" "
Kaolin pectin	205.603(a)(17)	LP/A DB	N	Sunset date: 5/29/2028 2021 TR 2002 TAP	3.18.25 4.1.25 12.2.25	" "
Mineral oil	205.603(a)(20)	LP/ ADB	N	Sunset date: 5/29/2028 2021 Lmt'd Scope TR 2015 TR 2002 TAP	3.18.25 4.1.25 12.2.25	" "
Nutritive supplements	205.603(a)(21)	NL	Y - Lmt'd scope on ex- cipients	Sunset date: 5/29/2028 2024 Lmt'd Scope TR (vitamins) 2019 TR (trace minerals) 2015 TR (electrolytes) Draft TR due late Dec 2025. Draft TR sent to LS 12.17.25. TR sufficiency due 2.15.26	3.18.25 4.1.25 1.6.26	" "
Propylene glycol	205.603(a)(27)	ADB	N	Sunset date: 5/29/2028 2021 TR 2007 TAP	3.18.25 4.1.25 12.2.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
Sodium chlorite, acidified	205.603(a)(28) and 205.603(b)(9)	FQ	Y - Lmt'd scope	Sunset date: 5/29/2028 2013 TR Draft TR due Nov 2025. TR sent to LS 12.10.25. TR Suff due 2.7.26	3.18.25 4.1.25 1.6.26	" "
Zinc sulfate	205.603(b)(11)	BC	N	Sunset date: 5/29/2028 2015 TR	3.18.25 4.1.25 12.02.25	" "

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Livestock Subcommittee (LS) Notes

Tuesday, December 2, 2025 3:00 pm ET

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); Jo Mirenda (JM); Heather Kumar (HK)

Agenda

- Review November 18, 2025 notes
- 2028 Sunsets:
 - Calcium borogluconate (CP)
 - Calcium propionate (CP)
 - Kaolin pectin (ABD)
 - Mineral oil (ABD)
 - Propylene glycol (ABD)
- Additional Items
- Adjourn

Discussion

- **November 18, 2025 notes** were approved as written.
- **2028 Sunsets:**
 - **Calcium borogluconate (CP).** The lead summarized the use of calcium borogluconate, which requires a vet prescription for emergency use only. The group discussed the overlap between injectable nutritive supplements, electrolytes, and excipients, etc. Members suggested updates to the stakeholder questions, which the lead will incorporate to finalize the document.
 - **Calcium propionate (CP).** The lead summarized the uses of calcium propionate, which is similar to calcium borogluconate. Calcium propionate is used in place of calcium chloride which is more caustic. The LS will revisit questions about annotations, redundancy, and any potential updates to the sunset review.
 - **Zinc Sulfate (BC).** The lead summarized the review for zinc sulfate including uses as a foot bath, and its alternative, copper sulfate. Zinc sulfate is more benign than copper sulfate, and it was added to the list as an alternative. The LS added a question to the sunset review and will finalize the document for the Spring meeting.
 - **Kaolin pectin (ABD).** The lead summarized the uses of kaolin pectin, noting that both substances (kaolin and pectin) are also allowed for use in organic agriculture individually.
 - **Mineral oil (ABD).** The lead summarized the uses of mineral oil, which was added to the National List for treatment of intestinal compaction only. A member noted that mineral oil has two listings, and this use is for the “front end” of the cow, for compaction. The lead will complete the document in preparation for the Spring meeting.
 - **Propylene glycol (ABD).** The lead summarized the uses of propylene glycol, and the group added a question about excluded methods.
- **Additional items.** None.
- **The meeting was adjourned.**

[Previous LS Notes](#)

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November 18, 2025

December 2, 2025

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2028 sunset: Calcium propionate (CP)

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Mineral oil (ABD)

Propylene glycol (ABD)

December 16, 2025

2028 Sunset: Activated charcoal (BC) - discuss

2028 Sunset: Nutritive supplements (NL) - discuss

January 6, 2026

2028 Sunset: Chlorine materials: Calcium hypochlorite, Chlorine dioxide, Hypochlorous acid, Sodium hypochlorite, Sodium chlorite, acidified (FQ) - discuss

January 20, 2026

Work Agenda

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

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

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

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Absent: Logan Petrey (LP); Javier Zamora (JZ); Michelle Arsenault (MA)

Staff: Jo Mirenda (JM); Heather Kumar (HK)

Agenda

- Review August 19, 2025 notes
- Review/update schedule
- Additional Items
- Adjourn

Discussion

- **August 19, 2025 notes** were approved via email.
- **Review/update schedule.** Members discussed their workload for the next semester, and also discussed the possibility of rescheduling the Fall NOSB meeting. If the rescheduled meeting is approved, it would likely be virtual and shorter, so the LS considered priority items vs. items that could be pushed to the Spring 2026 meeting.
- **Additional items.** None.
- **Adjourn**

Previous LS Notes

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October 7, 2025 - cancelled due to shutdown

October 21, 2025 - cancelled due to shutdown

November 4, 2025- cancelled

November 18, 2025

December 2, 2025

December 16, 2025

2028 Sunset: Activated charcoal (BC) - discuss

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January 6, 2026

January 20, 2026

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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	6.3.25	" "
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	7.15.25	" "
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	6.3.25	" "

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
NOP - Send compiled public comments to NOSB	Oct 14, 2025	~3

Fall 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
Public comment webinars	Cancelled	1
Fall 2025 NOSB meeting - Omaha, NE	TBD	0
Final recommendations due	TBD	~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 12.16.25	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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
Nutritive supplements	205.603(a)(21)	NL	Y - Lmt'd scope on ex- cipients	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	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 12.16.25	" "

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, August 19, 2025, 3:00 pm ET

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

Absent: Javier Zamora (JZ)

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

Agenda

- Review August 5, 2025 notes
- Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss/vote
- Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote
- Additional Items
- Adjourn

Discussion

- **August 5, 2025 notes** were accepted as written.
- **Integrating livestock and agroforestry crops - discussion doc (BC).** The lead reviewed the discussion document and invited feedback from members. He highlighted the inclusion of text about FSMA (Food Safety Modernization Act), as food safety concerns are of primary importance. The LS will likely follow this with another discussion document, to collect more comment. The LS voted via email, and the vote was recorded below.

Motion to accept the discussion document on integrating livestock and agroforestry crops

Motion by: BC

Seconded by: CP

Yes: 6 No: 0 Abstain: 0 Recuse: 0 Absent: 1

- **Chlorine Materials Petition - discussion document (FQ).** The lead summarized the petition and discussion document, noting that the LS is awaiting a new limited scope TR. LS members reviewed the questions to stakeholders, and made some minor modifications before proceeding to a vote.

Motion to accept the discussion document on chlorine materials

Motion by: FQ

Seconded by: BC

Yes: 5 No: 0 Abstain: 0 Recuse: 0 Absent: 2

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)

August 5, 2025

Oxytocin annotation (BC) - discuss/vote

Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss

Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote

August 19, 2025

Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote

Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss/vote

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	Discussion document	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 Lmt'd Scope TR.	2.4.25 2.18.25 5.20.25 8.5.25 8.19.25	Fall 2025
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/ status	Target meeting
Integrating livestock and agroforestry crops - Discussion Doc	BC/CP	Approved by Exec Cmmte 3.19.25, and NOP 4.16.25	5.20.25 8.5.25 8.19.25	Fall 2025
Research Priorities	BC/All	Fall list due to MS by July 8, 2025.	7.1.25	Fall 2025
Annotations: Oxytocin	BC	Proposal	7.1.25 7.15.25 8.5.25	Fall 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	7.15.25	Summary: Spr 2025 Review: Fall 2025

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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	7.15.25	" "
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	6.3.25	" "
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	5.20.25 7.1.25	" "
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	7.1.25	" "
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	6.3.25	" "
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	7.15.25	" "
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	6.3.25	" "
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	7.15.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	6.3.25	" "

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
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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
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	Y - Lmt'd scope on ex- cipients	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	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	" "

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, August 5, 2025, 3:00 pm ET

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

Absent: Javier Zamora (JZ); Nate Lewis (NL); Heather Kumar (HK)

Staff: Michelle Arsenault (MA); Jo Mirenda (JM)

Agenda

- Review July 15, 2025 notes
- Oxytocin annotation (BC) - discuss/vote
- Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss/vote
- Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote
- Additional Items
- Adjourn

Discussion

- **July 15, 2025 notes** were accepted as written.
- **Oxytocin annotation (BC).** The LS reviewed the draft proposal for the oxytocin annotation. The annotation limits the uses to those that are therapeutic and for immediate use post-birth. Stakeholders have suggested and/or supported this annotation in previous reviews. The group discussed the proposal and moved to a vote.

Motion to amend the annotation for oxytocin to read: “for use in post parturition therapeutic applications within 3 days after birth. It may not be administered to increase an animal’s milk production or for milk letdown”.

Motion by: BC

Seconded by: ADB

Additional discussion: A member asked about previous public comments from certificate holders, and whether any were opposed to this annotation change. The lead noted there was no opposition.

Yes: 5 No: 0 Abstain: 0 Recuse: 0 Absent: 2

- **Integrating livestock and agroforestry crops - Discussion doc (BC).** The lead summarized the draft document including the overall history of this topic. The Subcommittee discussed various aspects including the Food Safety Modernization Act (FSMA), effectiveness for pest reduction, and how best to address various scenarios for crop/animal combinations. The lead will incorporate the feedback from this call, and recirculate the document prior to the August 19 call, with the intention of calling a vote at that time.
- **Chlorine Materials Petition - Discussion doc (FQ).** The lead summarized the draft document and petition, which seeks a clarification on the use of chlorine materials in USDA organic livestock production. Specifically, the petition asks for clarification about whether chlorine materials, those allowed at 205.603(a)(10) on the National List, are allowed as direct livestock drinking water treatments. The LS will discuss this further and vote on the next 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)

July 15, 2025

2027 sunset: Butorphanol (CP) - discuss/vote
 2027 sunset: Sucrose octanoate esters (FQ) - discuss/vote
 2027 sunset: Flunixin (NL) - discuss/vote
 2027 sunset: Excipients (BC/NL) - discuss/vote
 Annotations - Oxytocin (BC) - discuss

August 5, 2025

Oxytocin annotation (BC) - discuss/vote
 Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss
 Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote

August 19, 2025

Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss/vote

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	Discussion doc	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 Lmt'd Scope TR.	2.4.25 2.18.25 5.20.25 8.5.25 8.19.25	Fall 2025
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/ status	Target meeting
Integrating livestock and agroforestry crops - Discussion Doc	BC/CP	Approved by Exec Cmmte 3.19.25, and NOP 4.16.25	5.20.25 8.5.25 8.19.25	Fall 2025
Research Priorities	BC/All	Fall list due to MS by July 8, 2025.	7.1.25	Fall 2025

Project	Contact	Notes	Scheduled/status	Target meeting
Annotations: Oxytocin	BC	Proposal	7.1.25 7.15.25 8.5.25	Fall 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	7.15.25	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	7.15.25	" "
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	6.3.25	" "
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	5.20.25 7.1.25	" "
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	7.1.25	" "
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	6.3.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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	7.15.25	" "
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	6.3.25	" "
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	7.15.25	" "
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	6.3.25	" "

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
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	Con tact	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	Y - Lmt'd scope on ex- cipients	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	Sunset date: 5/29/2028 2013 TR	3.18.25 4.1.25	“ “

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
Zinc sulfate	205.603(b)(11)	BC	N	Sunset date: 5/29/2028 2015 TR	3.18.25 4.1.25	" "

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, July 1, 2025, 3:00 pm ET

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

Absent: Javier Zamora (JZ); Nate Lewis (NL)

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

Agenda

- Review June 3, 2025 notes
- Research Priorities (All) - discuss
- Annotations - Oxytocin (BC) - discuss/vote
- 2027 sunset: Oxytocin (BC) - discuss/vote
- 2027 sunset: Poloxalene (LP) - discuss/vote
- Additional Items
- Adjourn

Discussion

- **June 3, 2025 notes** were approved via email.
- **Research Priorities (All).** The LS discussed the research priorities and two minor additions to the spring list - for beef and insects. The LS Chair will finalize the document and send it to the Materials Subcommittee.
- **Oxytocin Annotation proposal (BC).** The group discussed the proposal for an annotation change for oxytocin to read as follows: use in post-parturition therapeutic applications within 3 days after birth. The committee will work on updating the proposal to include stronger justification to explain the need for the annotation change, and rationale for the 3-day limit. It would be useful to understand what is unclear or uncertain about the current listing.
- **2027 sunset: Oxytocin (BC).** The lead summarized the review and highlighted the proposed annotation change (in a separate document) regarding the use in post-parturition therapeutic applications within 3 days after birth. The LS voted on the sunset and will continue work on the annotation change proposal.

Motion to remove oxytocin from the National List

Motion by: BC

Seconded by: LP

Yes: 0 No: 5 Abstain: 0 Recuse: 0 Absent: 2

- **2027 sunset: Poloxalene (LP).** The lead summarized the review, and the group discussed the substance briefly, before moving to a vote.

Motion to remove poloxalene from the National List

Motion by: LP

Seconded by: BC

Yes: 0 No: 5 Abstain: 0 Recuse: 0 Absent: 2

- **Additional Items.** A member asked about the process for amending the language in the heading of 205.601(e) to clarify that acaricides are not insecticides.
- **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)

June 3, 2025

2027 sunset: Magnesium hydroxide (NL) - discuss/vote

2027 sunset: Formic Acid (LP) - discuss/vote

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

2027 sunset: Strychnine (FQ) - discuss/vote

June 17, 2025 - cancelled

July 1, 2025

Research Priorities (All) - discuss

Annotations - Oxytocin (BC) - discuss

2027 sunset: Oxytocin (BC) - discuss/vote

2027 sunset: Poloxalene (LP) - discuss/vote

July 15, 2025

2027 sunset: Butorphanol (CP) - discuss/vote

2027 sunset: Sucrose octanoate esters (FQ) - discuss/vote

2027 sunset: Flunixin (NL) - discuss/vote

2027 sunset: Excipients (BC/NL) - discuss/vote

Annotations - Oxytocin (BC) - discuss/vote

August 5, 2025

Integrating livestock and agroforestry crops - Discussion doc (BC) - discuss/vote

Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote

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	Discussion doc	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 Lmt'd Scope TR.	2.4.25 2.18.25 5.20.25 8.5.25	Fall 2025
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/ status	Target meeting
Integrating livestock and agroforestry crops - Discussion Doc	BC/CP	Approved by Exec Cmmte 3.19.25, and NOP 4.16.25	5.20.25 8.5.25	Fall 2025
Research Priorities	BC/All	Fall list due to MS by July 8, 2025.	7.1.25	Fall 2025
Annotations: Oxytocin	BC		7.1.25 7.15.25	Fall 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	7.15.25	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	7.15.25	" "
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	6.3.25	" "
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	5.20.25 7.1.25	" "
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	7.1.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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	6.3.25	" "
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	7.15.25	" "
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	6.3.25	" "
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	7.15.25	" "
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	6.3.25	" "

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
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	Y - Lmt'd scope on ex- cipients	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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
Sodium chlorite, acidified	205.603(a)(28) and 205.603(b)(9)	FQ	Y - Lmt'd scope	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, June 3, 2025, 3:00 pm ET

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

Absent: Javier Zamora (JZ)

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

Agenda

- Review May 20, 2025 notes
- 2027 sunset: Magnesium hydroxide (NL) - discuss/vote
- 2027 sunset: Formic Acid (LP) - discuss/vote
- 2027 sunset: EPA List 4 Inerts (BC/NL) - discuss/vote
- 2027 sunset: Strychnine (FQ) - discuss/vote
- Additional Items
- Adjourn

Discussion

- **May 20, 2025 notes** were approved with a minor wording change.
- **2027 sunset: Magnesium hydroxide (NL).** The lead summarized the review and highlighted the inclusion of language advising the Board to request a new TR at the next sunset review, as the last one was from 2007.

Motion to remove magnesium hydroxide

Motion by: NL

Seconded by: ADB

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 1

- **2027 sunset: Formic Acid (LP).** The lead summarized the formic acid review, and highlighted stakeholders support for this substance, despite the lack of apiculture standards in the US. The group discussed the various factors that must be considered such as livestock feed and forage area.

Motion to remove formic acid

Motion by: LP

Seconded by: CP

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 1

- **2027 sunset: EPA List 4 Inerts (BC/NL).** The lead summarized the review, noting that he is also the lead for the same substance in the Crops Subcommittee. The two reviews are nearly identical, except for the scope/section on the National List. The lead will add the language discussed in Crops referencing the concurrent rulemaking, and submit this for the Fall 2025 meeting.

Motion to remove EPA List 4 Inerts

Motion by: BC

Seconded by: NL

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 1

- **2027 sunset: Strychnine (FQ).** The lead summarized the review for strychnine, which is prohibited in organic agriculture. The group suggested modified language for the motion and justification to align with what they used in the Crops Subcommittee.

Motion to remove strychnine

Motion by: FQ

Seconded by: ADB

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 1

- **Additional Items.** The LS discussed the current work agenda project on integrating livestock and agroforestry crops. They also discussed barriers to domestic beef production, such as lack of organic slaughterhouses, and might add this as a future research priority.
- **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)

May 20, 2025

2027 Sunset: Oxytocin

June 3, 2025

2027 sunset: Magnesium hydroxide (NL) - discuss/vote

2027 sunset: Formic Acid (LP) - discuss/vote

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

2027 sunset: Strychnine (FQ) - discuss/vote

June 17, 2025 - cancelled

July 1, 2025

Research Priorities (All) - discuss

Annotations - Oxytocin (BC) - discuss/vote

2027 sunset: Flunixin (NL) - discuss/vote

2027 sunset: Oxytocin (BC) - discuss/vote

2027 sunset: Poloxalene (LP) - discuss/vote

July 15, 2025

2027 sunset: Butorphanol (CP)

2027 sunset: Sucrose octanoate esters (FQ)

2027 sunset: Excipients (BC/NL)

August 5, 2025

Integrating livestock and agroforestry crops - Discussion doc (BC)

Chlorine Materials Petition - Discussion doc (FQ) - discuss/vote

August 19, 2025

September 2, 2025

September 16, 2025

October 7, 2025

October 21, 2025

November 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	Discussion doc	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 Lmt'd Scope TR.	2.4.25 2.18.25 5.20.25 8.5.25	Fall 2025
Aquaculture Substances				On hold. (See NOSB Work agenda for additional information.)	TBD	TBD

Other Projects

Project	Contact	Notes	Scheduled/status	Target meeting
Integrating livestock and agroforestry crops - Discussion Doc	BC/CP	Approved by Exec Cmmte 3.19.25, and NOP 4.16.25	5.20.25 8.5.25	Fall 2025
Research Priorities	BC/All	Fall list due to MS by July 8, 2025.	7.1.25	Fall 2025
Annotations - Oxytocin	BC		7.1.25	Fall 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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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	7.1.25	" "
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	6.3.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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	5.20.25 7.1.25	" "
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	7.1.25	" "
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	6.3.25	" "
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	7.15.25	" "
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	6.3.25	" "
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	7.15.25	" "
Strychnine	205.604(a)	FQ	N	Sunset date: 03/15/2027 TR: NA 2020/Fall - Rec to Renew 08/03/2021 86 FR 41699	6.3.25	" "

Fall 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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Fall 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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Public comment closes	Oct 8, 2025	~4
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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	Con tact	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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
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	Y - Lmt'd scope on ex- cipients	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	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, May 20, 2025, 3:00 pm ET

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

Absent: Javier Zamora (JZ); Corie Pierce (CP)

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

Agenda

- Review April 15, 2025 notes
- 2027 Sunset: Oxytocin (BC/NOP)
- Dates for sunset reviews
- Chlorine limited TR (FQ/BC)
- Steps forward with Livestock/Agroforestry work (BC) Additional Items
- Spring 2025 Meeting debrief
- Additional Items
- Adjourn

Discussion

- **2027 Sunset: Oxytocin (BC/NOP).** NOP Standards staff joined the call to discuss oxytocin, which is undergoing its 2027 sunset review. During the Spring meeting the NOSB talked about a possible annotation, and NOP suggested that the LS read the rule published in 2022, in which the NOP clarified many of the questions the Board was discussing <https://www.federalregister.gov/d/2022-03851/p-58>. At the last sunset review, the NOSB recommended that oxytocin be removed from the list. However, during the comment period for the proposed rule, the NOP received comments that contradicted that recommendation, and therefore did not remove it. There were no changes to the regulations and no separate guidance issued, so although certifiers are aware, the only information is somewhat buried in the rule. The LS will discuss how best to move ahead with an annotation.
- **April 15, 2025 notes** were approved as written
- **Sunset reviews - schedule discussion dates.** See table below.
- **Chlorine limited TR (FQ/BC) - Discuss questions.** Members will chat offline to build a list of questions for the limited scope TR, and will send them to the Chair and NOP by Friday. NOP will send the template for a petitioned discussion document, in the event that the LS decides to write one while it waits for the TR.
- **Integrating livestock and agroforestry crops - Discussion document (BC).** The current lead will initiate the project and then transition it to a new member once he rotates off in January 2026.
- **Additional Items.** Canceled June 17 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)

May 6, 2025 - cancelled

May 20, 2025

2027 Sunset: Oxytocin

June 3, 2025

2027 sunset: Magnesium hydroxide (NL) - discuss/vote

2027 sunset: Formic Acid (LP) - discuss/vote

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

2027 sunset: Strychnine (FQ) - discuss/vote

June 17, 2025 - cancelled

July 1, 2025

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Research Priorities	BC/All	Fall list due to MS by July 8, 2025.	7.1.25	Fall 2025
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2027 Sunset Review

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

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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	6.3.25	" "
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	7.15.25	" "
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	6.3.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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	7.15.25	" "
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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	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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled/ status	Target meeting
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	Y - Lmt'd scope on ex- cipients	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	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	" "

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 15, 2025, 3:00 pm ET

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

Absent: Javier Zamora (JZ)

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

Agenda

- Review April 1, 2025 notes
- Spring meeting preparations
- 2028 Sunsets - TR determinations
 - Nutritive supplements (NL)
- Additional Items
- Adjourn

Discussion

- **April 1, 2025 notes** were approved as written.
- **Spring meeting preparations.** Preparations for the NOSB meeting were discussed on two previous Subcommittee calls, and everyone has heard the plan.
- **2028 Sunsets - TR determinations**
 - Nutritive supplements (NL). Discussed whether to order a new TR. Three previous TRs, in 2015, 2019, and 2024, though none of them address this specific substance. The lead is not recommending a new TR at this time. There was a previous issue regarding injectable vitamins and minerals, and the Board received a petition, which was recommended. Excipients are also an issue, although the lead suggested dealing with that under the excipients listing rather than within other substances.
 - The LS may ask for a limited scope TR for nutritive supplements, depending on the capacity for TRs.
- **Additional Items.**
 - Cancelled May 6 call.
 - A member spoke with a local producer in FL about organic swine and why they have chosen not to certify. The two main reasons they cited were the cost of feed, and the lack of a market.
- **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)

April 1, 2025

2028 Sunsets - TR determinations

April 15, 2025

May 6, 2025 - cancelled

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.	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

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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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)
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	1
NOP - Send compiled public comments to NOSB	April 29, 2025	1
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
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	Con tact	TR Reques t?	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

Substance	National List	Contact	TR Request?	Notes*	Scheduled / status	Target meeting
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	Y - Lmt'd scope on ex- cipients	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 chlorine material	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	" "

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

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August 19, 2025

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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.	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

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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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)
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

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
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	Con tact	TR Reque st?	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

Substance	National List	Contact	TR Request?	Notes*	Scheduled/ status	Target meeting
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	" "

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, 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

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.	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

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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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)
NOP - Publish FRN, Open public comment	~Jan 24, 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	Mar 3, 2025	7.5
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
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		Sunset date: 5/29/2028 2024 TR (Handling) 2021 TR 2002 TAP	3.18.25	Summary: Spr 2026 Review: Fall 2026

Substance	National List	Con tact	TR Request ?	Notes*	Scheduled/ status	Target meeting
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	" "

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, February 18, 2025, 3:00 pm ET

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

April 15, 2025
 May 6, 2025
 May 20, 2025
 June 3, 2025
 June 17, 2025
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 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.	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

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. Sufficiency due 2.16.25. TR found sufficient 1.21.25	1.21.25	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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 - Post proposals	Mar 3, 2025	7.5
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 - 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)
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

Fall 2025 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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

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, 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

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

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	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

Project	Contact	Notes	Scheduled/status	Target meeting
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
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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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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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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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

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, 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

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

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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

March 4, 2025

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November 4, 2025

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December 2, 2025

December 16, 2025

Work Agenda

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Petitioned Substances

Substance	National List	Contact	Doc Type	Notes	Scheduled/status	Target meeting
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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
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	" "

Substance	National List	Contact	TR Request ?	Notes*	Scheduled /status	Target meeting
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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NOSB - Spring 2025 proposals due to NOP	Feb 13, 2025	~ 9
NOP - Post proposals	Mar 3, 2025	7.5
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 - Tempe, AZ	Apr 29 - May 1, 2025	0
Final recommendations due	May 29, 2025	30 days post meeting

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NOP - Draft Fall 2025 NOSB meeting agenda	Aug 8, 2025	~11
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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

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, January 7, 2025, 3:00 pm ET

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

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.
- **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)

December 17, 2024

2027 Sunset: Butorphanol (NPP)

2027 Sunset: Flunixin (NPP)

2027 Sunset: Oxytocin (BC)

January 7, 2025

FDA guest speakers

Research Priorities (All) - due to MS by 1.9.25

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

Annotation Change: Iodine

February 4, 2025

February 18, 2025

March 4, 2025

March 18, 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	TBD	TBD	Petition sent to LS 12.10.24. Petition sufficiency/TR due 2.8.25	1.21.25	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.	1.21.25	Spr 2025

2027 Sunset Review

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

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