

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.

## **Crops Subcommittee (CS) Notes**

### **Tuesday, June 2, 2026 2:00 pm ET**

**Present:** Franklin Quarcoo (FQ), Chair; Amanda Felder (AF), Vice Chair; Nate Lewis (NL); Dilip Nandwani; Corie Pierce (CP)

**Absent:** None

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

### **Agenda**

- Review April 21, 2026 notes
- Post-meeting debrief
- Determine TR needs for 2029 sunsets
- Food Technologist's Update
- Additional items
- Adjourn

### **Discussion**

- **April 21, 2026 notes** were accepted as written.
- **Post-meeting debrief.**
  - Members discussed the public comment and Board discussion from the Spring 2026 meeting around the use of copper sulfate in rice production. One of the lead writers posed a couple of questions to the group about the annotation that limits application rates when used as tadpole shrimp control in aquatic rice production, specifically whether the annotation is actually valuable and useful, or whether it is making it more difficult for farmers and certifiers; public commenters suggested that it may not be helpful. Members shared information about the concentrations of copper sulfate for various uses in rice production .
  - Members discussed a tour they took to a former NOSB members' organic farm. They highlighted the technology used in farm equipment and their use of organic seed.
  - For the pear ester final recommendation, NL offered to assist FQ with the cover sheet to finalize the recommendation, and will include the annotation they voted on at the meeting.
  - The Crops Subcommittee has two chitosan petitions on its work agenda, and will likely develop proposals for the Fall meeting. The group discussed the uses of chitosan - both as a soil amendment and a pesticide
- **Determine TR needs for 2029 sunsets.** The CS determined which 2029 sunsets it would like TRs for. Members specifically discussed micronutrients and vitamins and determined there was no need for new TRs. Instead, the CS will add questions to the micronutrients sunset review about the status since the revised annotation change was implemented in 2019. See table below for 2029 sunsets.
- **Additional items.** None.
- **The meeting was adjourned**

### [Previous CS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

April 21, 2026

Prep for Spring meeting

Review Work agenda table (compost feedstocks?)

May 5, 2026 - cancelled. Conflicts with comment webinar.

May 19, 2026 - cancelled

June 2, 2026

Post-meeting debrief

Determine TR needs for 2029 sunsets

June 16, 2026

2028 Sunset: EPA List 3 Inerts (NL) - discuss/vote

July 7, 2026

2028 Sunset: Peracetic acid (CP) - discuss/vote

2028 Sunset: Calcium chloride (CP) - discuss/vote

July 21, 2026

Research Priorities (FQ)

August 4, 2026

Chitosan petitions (DN/NL) - discuss

2028 Sunset: Chlorine Materials (FQ) - discuss/vote

August 18, 2026

September 1, 2026

September 15, 2026

October 6, 2026

October 20, 2026

November 3, 2026

November 17, 2026

December 1, 2026

December 15, 2026

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

#### Petitioned Substances

| Substance                                    | Contact | Doc Type | Notes*                                                                                                                                                                                                                                   | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Chitosan -<br>1. Classify as<br>nonsynthetic | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition<br>suff/TR request due 2.7.26. Petition found suff<br>2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 8.4.26               | Fall 2026         |
| Chitosan -<br>2. Add to<br>205.601           | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition<br>suff/TR request due 2.7.26. Petition found suff<br>2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 8.4.26               | Fall 2026         |

## Other Projects

| Project                                         | Contact | Notes*                                                                                                                                                          | Scheduled/<br>status | Target<br>meeting |
|-------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Paper as compost feedstocks discussion document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Will need a separate work agenda request.                                                      | 7.15.25<br>8.19.25   | TBD               |
| Research Priorities                             | FQ      | Fall 2026 list due to MS July 24, 2026.                                                                                                                         | 7.21.26              | Fall 2026         |
| Biodegradable Biobased Mulch Film (BBMF)        | NL      | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23   | Fall 2027         |

## 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/<br>status | Target<br>meeting                            |
|-------------------------------------------------------------|-------------------|---------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|
| Chlorine Materials:<br><a href="#">Calcium hypochlorite</a> | 205.601(a)(2)(i)  | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26 | 8.4.26               | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine Materials:<br><a href="#">Chlorine dioxide</a>     | 205.601(a)(2)(ii) | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                            | 8.4.26               | “ “                                          |

| Substance                                                                                       | National List                       | Contact | TR Request?     | Notes*                                                                                                                                                                                                                                                                                                                                                                                                  | Scheduled/<br>status | Target<br>meeting |
|-------------------------------------------------------------------------------------------------|-------------------------------------|---------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Chlorine<br>Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii)                  | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016</a><br><a href="#">recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found suff 2.3.26 | 8.4.26               | " "               |
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a>                                   | 205.601(a)(2)(v)                    | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found suff 2.3.26                                                                                                           | 8.4.26               | " "               |
| <a href="#">Copper sulfate</a>                                                                  | 205.601(a)(3),<br>and 205.601(e)(4) | DN      | N               | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate<br>and other copper<br>products)<br><a href="#">2022 TR</a> (copper<br>products)<br><a href="#">2001 TAP</a>                                                                                                                                                                                                                          |                      | " "               |
| <a href="#">Ozone gas</a>                                                                       | 205.601(a)(5)                       | AF      | N               | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                                                                                                                                                                                                                                                           |                      | " "               |
| <a href="#">Peracetic acid</a>                                                                  | 205.601(a)(6),<br>and 205.601(i)(8) | CP      | N               | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                                                                                                                                                                                                                                                           | 7.7.26               | " "               |
| <a href="#">Magnesium oxide</a>                                                                 | 205.601(j)(5)                       | AF      | N               | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                                                                                                                                                                                                                                                       |                      | " "               |
| <a href="#">EPA List 3 Inerts</a>                                                               | 205.601(m)(2)                       | NL      | N               | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of<br>inert ingredients in<br>pesticide products).                                                                                                                                                                                                                                                           | 6.16.26              | " "               |
| <a href="#">Calcium chloride</a>                                                                | 205.602(c)                          | CP      | N               | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                                                                                                                                                                                                                                                           | 7.7.26               | " "               |

| Substance                | National List | Contact | TR Request? | Notes*                            | Scheduled/ status | Target meeting |
|--------------------------|---------------|---------|-------------|-----------------------------------|-------------------|----------------|
| <a href="#">Rotenone</a> | 205.602(f)    | AF      | N           | Sunset date: 5/29/2028<br>TR: N/A |                   | " "            |

## 2029 Sunset Review

### TR Requests (June 2026), Summary (Spr 2027), Review (Fall 2027)

Previous Sunset Recommendations: [2022/Fall - Rec to Renew \(2024 CS Sunsets\)](#)

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

| Substance                                         | National List                                                      | Lead | TR Request? | Notes*                                                                                                                                                                                                                 | Scheduled/ status | Target meeting                               |
|---------------------------------------------------|--------------------------------------------------------------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|
| <a href="#">Herbicides, soap-based</a>            | 205.601(b)(1)                                                      | FQ   | N           | Sunset date: 10/30/2029<br><a href="#">2015 TR</a><br><a href="#">1996 TAP</a>                                                                                                                                         | 4.7.26<br>6.2.26  | Summary:<br>Spr 2027<br>Review:<br>Fall 2027 |
| <a href="#">Biodegradable biobased mulch film</a> | 205.601(b)(2)(iii)                                                 | NL   | Y           | Sunset date: 10/30/2029<br><a href="#">2023 NOP Memo</a><br><a href="#">2019 NOP Policy Memo 15-1</a><br><a href="#">2016 limited scope TR</a><br><a href="#">2015 Report</a><br><a href="#">2012 TR</a>               | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Boric acid</a>                        | 205.601(e)(3)                                                      | DN   | TBD         | Sunset date: 10/30/2029<br><a href="#">1995 TAP</a>                                                                                                                                                                    | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Sticky traps/barriers</a>             | 205.601(e)(9)                                                      | FQ   | N           | Sunset date: 10/30/2029<br><a href="#">1995 TAP</a>                                                                                                                                                                    | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Elemental sulfur</a>                  | 205.601(e)(5)<br>205.601(h)(2)<br>205.601(i)(10)<br>205.601 (j)(2) | CP   | TBD         | Sunset date: 10/30/2029,<br>and 06/22/2030<br><a href="#">2018 TR</a><br><a href="#">1995 TAP</a>                                                                                                                      | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Coppers, fixed</a>                    | 205.601(i)(2)                                                      | NL   | N           | Sunset date: 10/30/2029<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2011 TR</a> (copper sulfate and<br>other copper products)<br><a href="#">1995 TAP</a>                                              | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Copper sulfate</a>                    | 205.601(i)(3)                                                      | NL   | N           | Sunset date: 10/30/2029<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2011 TR</a> (copper sulfate and<br>other copper products)<br><a href="#">2001 TAP</a> (copper sulfate)<br><a href="#">1995 TAP</a> | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Polyoxin D zinc salt</a>              | 205.601(i)(11)                                                     | DN   | TBD         | Sunset date: 10/30/2029<br><a href="#">2021 Limited Scope TR</a><br><a href="#">2017 Limited scope TR</a><br><a href="#">2013 Addendum #2 (pdf)</a><br><a href="#">2012 TR</a>                                         | 4.7.26<br>6.2.26  | " "                                          |

| Substance                                                                                                                                      | National List     | Lead | TR Request? | Notes*                                                                                                                                              | Scheduled/<br>status | Target meeting |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------|
| <a href="#">Humic acids</a>                                                                                                                    | 205.601(j)(3)     | DN   | TBD         | Sunset date: 10/30/2029<br><a href="#">2012 TR</a> (oxidized lignite/humic acid derivatives)<br><a href="#">2006 TR</a><br><a href="#">1996 TAP</a> | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Micronutrients: Soluble boron products</a>                                                                                         | 205.601(j)(7)(i)  | AF   | N           | Sunset date: 01/28/2029<br><a href="#">2022 Limited Scope TR</a> (soluble boron products)<br><a href="#">2010 TR</a> (Micronutrients)               | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Micronutrients: Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt.</a> | 205.601(j)(7)(ii) | AF   | N           | Sunset date: 01/28/2029<br><a href="#">2022 Limited Scope TR</a> (Micronutrients)<br><a href="#">2010 TR</a> (Micronutrients)                       | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Vitamins, C and E</a>                                                                                                              | 205.601(j)(9)     | CP   | N           | Sunset date: 10/30/2029<br><a href="#">2015 TR</a> (vitamins B1, C, & E)<br><a href="#">1995 TAP</a> (vitamins B1, C, & E)                          | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Squid byproducts</a>                                                                                                               | 205.601(j)(10)    | AF   | N           | Sunset date: 01/28/2029<br><a href="#">2016 TR</a>                                                                                                  | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Lead salts</a>                                                                                                                     | 205.602(d)        | CP   | N           | Sunset date: 10/30/2029<br>TR: None                                                                                                                 | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Tobacco dust (nicotine sulfate)</a>                                                                                                | 205.602(j)        | FQ   | N           | Sunset date: 10/30/2029<br>TR: None                                                                                                                 | 4.7.26<br>6.2.26     | " "            |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM (prior to meeting) |
|-------------------------------------------------------|--------------------------|------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                       |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                         |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                          |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                          |
| Public comment closes                                 | Apr 16, 2026             | 3.5                          |
| NOP - Send compiled public comments to NOSB           | Apr 22, 2026             | 3                            |
| Public comment webinars                               | May 5 & 7, 2026          | 1                            |
| Spring 2026 NOSB meeting - TBD                        | May 12 - 14, 2026        | 0                            |

|                           |              |                      |
|---------------------------|--------------|----------------------|
| Final recommendations due | Jun 14, 2026 | 30 days post meeting |
|---------------------------|--------------|----------------------|

| Fall 2026 Milestones                        | Target dates (tentative) | Weeks PTM (prior to meeting) |
|---------------------------------------------|--------------------------|------------------------------|
| NOP - Publish FRN, Open public comment      | ~May 21, 2026            | 24                           |
| NOP - Draft Fall 2026 NOSB meeting agenda   | Aug 11, 2026             | ~11                          |
| NOSB - Fall 2026 proposals due to NOP       | Aug 20, 2026             | ~9                           |
| NOP - Post proposals/Open comment period    | Aug 31, 2026             | ~8                           |
| Public comment closes                       | Oct 1, 2026              | ~4                           |
| NOP - Send compiled public comments to NOSB | Oct 7, 2026              | ~3                           |
| Public comment webinars                     | Oct 20 & 22, 2026        | 1                            |
| Fall 2026 NOSB meeting - Virtual            | TBD Oct 27 - 29, 2026    | 0                            |
| Final recommendations due                   | Nov 28, 2026             | ~30 days post meeting        |

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## **Crops Subcommittee (CS) Notes**

### **Tuesday, April 21, 2026 2:00 pm ET**

**Present:** Franklin Quarcoo (FQ), Chair; Amanda Felder (AF), Vice Chair; Dilip Nandwani; Corie Pierce (CP)

**Absent:** Nate Lewis (NL); Heather Kumar (HK)

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

### **Agenda**

- April 7, 2026 notes update
- Prep for Spring meeting
- Review Work agenda table (compost feedstocks?)
- Food Technologist's Update
- Additional items
- Adjourn

### **Discussion**

- **April 7, 2026 notes** were accepted as written.
- **Prep for Spring meeting.** The group discussed various aspects of the in person meeting, including written and oral public comments, presentation practices for sunsets and proposals, and room set up logistics.
- **Review Work agenda table (compost feedstocks?)** Deferred to next call.
- **Food Technologist's Update.** Members praised the Food Technologist's work on mined substances.
- **Additional items.** The CS will cancel the May 19 call.
- **The meeting was adjourned**

### **[Previous CS Notes](#)**

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

April 7, 2026

Assign 2029 sunsets (see table below)

April 21, 2026

Prep for Spring meeting

Review Work agenda table (compost feedstocks?)

May 5, 2026 - cancelled. Conflicts with comment webinar.

May 19, 2026 - cancelled

June 2, 2026

Post-meeting debrief

Determine TR needs for 2029 sunsets

June 16, 2026

July 7, 2026

July 21, 2026

August 4, 2026

August 18, 2026

September 1, 2026

September 15, 2026

October 6, 2026

October 20, 2026  
November 3, 2026  
November 17, 2026  
December 1, 2026  
December 15, 2026

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

### Petitioned Substances

| Substance                                    | Contact | Doc Type | Notes*                                                                                                                                                                                                                             | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601               | FQ      | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24.                             | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |
| Chitosan -<br>2. Add to<br>205.601           | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |

### Other Projects

| Project                                                  | Contact | Notes*                                                                                                                                                          | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Paper as compost<br>feedstocks<br>discussion<br>document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Will need a separate work agenda request.                                                      | 7.15.25<br>8.19.25   | TBD               |
| Research<br>Priorities                                   | FQ      | Spring 2026 list due to MS by Feb 4, 2026.                                                                                                                      | 1.20.26              | Spr 2026          |
| Biodegradable<br>Biobased Mulch<br>Film (BBMF)           | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23   | TBD               |

**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/<br>status               | Target meeting                               |
|-------------------------------------------------------------------------------------------------|--------------------|---------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|
| Chlorine<br>Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine<br>Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                                                                                                                   | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016 recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26 | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a>                                   | 205.601(a)(2)(v)   | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |

| Substance                         | National List                    | Contact | TR Request? | Notes*                                                                                                                                                                | Scheduled/ status                      | Target meeting |
|-----------------------------------|----------------------------------|---------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------|
| <a href="#">Copper sulfate</a>    | 205.601(a)(3), and 205.601(e)(4) | DN      | N           | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate and other copper products)<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2001 TAP</a> | 3.18.25<br>4.1.25<br>12.2.25           | " "            |
| <a href="#">Ozone gas</a>         | 205.601(a)(5)                    | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                         | 3.18.25<br>4.1.25<br>1.20.26           | " "            |
| <a href="#">Peracetic acid</a>    | 205.601(a)(6), and 205.601(i)(8) | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                         | 3.18.25<br>4.1.25<br>12.2.25<br>2.3.26 | " "            |
| <a href="#">Magnesium oxide</a>   | 205.601(j)(5)                    | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                     | 3.18.25<br>4.1.25<br>12.2.25           | " "            |
| <a href="#">EPA List 3 Inerts</a> | 205.601(m)(2)                    | NL      | N           | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of inert ingredients in pesticide products).                               | 3.18.25<br>4.1.25<br>1.20.26           | " "            |
| <a href="#">Calcium chloride</a>  | 205.602(c)                       | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                         | 3.18.25<br>4.1.25<br>2.3.26            | " "            |
| <a href="#">Rotenone</a>          | 205.602(f)                       | AF      | N           | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                     | 3.18.25<br>4.1.25<br>1.20.26           | " "            |

## 2029 Sunset Review

### TR Requests (June 2026), Summary (Spr 2027), Review (Fall 2027)

Previous Sunset Recommendations: [2022/Fall - Rec to Renew \(2024 CS Sunsets\)](#)

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

| Substance                                         | National List      | Lead | TR Request? | Notes*                                                                                                                                                                                                   | Scheduled/ status | Target meeting                               |
|---------------------------------------------------|--------------------|------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|
| <a href="#">Herbicides, soap-based</a>            | 205.601(b)(1)      | FQ   |             | Sunset date: 10/30/2029<br><a href="#">2015 TR</a><br><a href="#">1996 TAP</a>                                                                                                                           | 4.7.26<br>6.2.26  | Summary:<br>Spr 2027<br>Review:<br>Fall 2027 |
| <a href="#">Biodegradable biobased mulch film</a> | 205.601(b)(2)(iii) | NL   |             | Sunset date: 10/30/2029<br><a href="#">2023 NOP Memo</a><br><a href="#">2019 NOP Policy Memo 15-1</a><br><a href="#">2016 limited scope TR</a><br><a href="#">2015 Report</a><br><a href="#">2012 TR</a> | 4.7.26<br>6.2.26  | " "                                          |
| <a href="#">Boric acid</a>                        | 205.601(e)(3)      | DN   |             | Sunset date: 10/30/2029<br><a href="#">1995 TAP</a>                                                                                                                                                      | 4.7.26<br>6.2.26  | " "                                          |

| Substance                                                                                                                                      | National List                                                      | Lead | TR Request? | Notes*                                                                                                                                                                                                                 | Scheduled/<br>status | Target meeting |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------|
| <a href="#">Sticky traps/barriers</a>                                                                                                          | 205.601(e)(9)                                                      | FQ   |             | Sunset date: 10/30/2029<br><a href="#">1995 TAP</a>                                                                                                                                                                    | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Elemental sulfur</a>                                                                                                               | 205.601(e)(5)<br>205.601(h)(2)<br>205.601(i)(10)<br>205.601 (j)(2) | CP   |             | Sunset date: 10/30/2029,<br>and 06/22/2030<br><a href="#">2018 TR</a><br><a href="#">1995 TAP</a>                                                                                                                      | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Coppers, fixed</a>                                                                                                                 | 205.601(i)(2)                                                      | NL   |             | Sunset date: 10/30/2029<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2011 TR</a> (copper sulfate and<br>other copper products)<br><a href="#">1995 TAP</a>                                              | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Copper sulfate</a>                                                                                                                 | 205.601(i)(3)                                                      | NL   |             | Sunset date: 10/30/2029<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2011 TR</a> (copper sulfate and<br>other copper products)<br><a href="#">2001 TAP</a> (copper sulfate)<br><a href="#">1995 TAP</a> | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Polyoxin D zinc salt</a>                                                                                                           | 205.601(i)(11)                                                     | DN   |             | Sunset date: 10/30/2029<br><a href="#">2021 Limited Scope TR</a><br><a href="#">2017 Limited scope TR</a><br><a href="#">2013 Addendum #2 (pdf)</a><br><a href="#">2012 TR</a>                                         | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Humic acids</a>                                                                                                                    | 205.601(j)(3)                                                      | DN   |             | Sunset date: 10/30/2029<br><a href="#">2012 TR</a> (oxidized<br>lignite/humic acid derivatives)<br><a href="#">2006 TR</a><br><a href="#">1996 TAP</a>                                                                 | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Micronutrients: Soluble boron products</a>                                                                                         | 205.601(j)(7)(i)                                                   | AF   |             | Sunset date: 01/28/2029<br><a href="#">2022 Limited Scope TR</a> (soluble boron products)<br><a href="#">2010 TR</a> (Micronutrients)                                                                                  | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Micronutrients: Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt.</a> | 205.601(j)(7)(ii)                                                  | AF   |             | Sunset date: 01/28/2029<br><a href="#">2022 Limited Scope TR</a> (Micronutrients)<br><a href="#">2010 TR</a> (Micronutrients)                                                                                          | 4.7.26<br>6.2.26     | “ “            |
| <a href="#">Vitamins, C and E</a>                                                                                                              | 205.601(j)(9)                                                      | CP   |             | Sunset date: 10/30/2029<br><a href="#">2015 TR</a> (vitamins B1, C, & E)<br><a href="#">1995 TAP</a> (vitamins B1, C, & E)                                                                                             | 4.7.26<br>6.2.26     | “ “            |

| Substance                                       | National List  | Lead | TR Request? | Notes*                                             | Scheduled/<br>status | Target meeting |
|-------------------------------------------------|----------------|------|-------------|----------------------------------------------------|----------------------|----------------|
| <a href="#">Squid byproducts</a>                | 205.601(j)(10) | AF   |             | Sunset date: 01/28/2029<br><a href="#">2016 TR</a> | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Lead salts</a>                      | 205.602(d)     | CP   |             | Sunset date: 10/30/2029<br>TR: None                | 4.7.26<br>6.2.26     | " "            |
| <a href="#">Tobacco dust (nicotine sulfate)</a> | 205.602(j)     | FQ   |             | Sunset date: 10/30/2029<br>TR: None                | 4.7.26<br>6.2.26     | " "            |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM (prior to meeting) |
|-------------------------------------------------------|--------------------------|------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                       |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                         |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                          |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                          |
| Public comment closes                                 | Apr 16, 2026             | 3.5                          |
| NOP - Send compiled public comments to NOSB           | Apr 22, 2026             | 3                            |
| Public comment webinars                               | May 5 & 7, 2026          | 1                            |
| Spring 2026 NOSB meeting - TBD                        | May 12 - 14, 2026        | 0                            |
| Final recommendations due                             | Jun 14, 2026             | 30 days post meeting         |

| Fall 2026 Milestones                        | Target dates (tentative) | Weeks PTM (prior to meeting) |
|---------------------------------------------|--------------------------|------------------------------|
| NOP - Publish FRN, Open public comment      | ~May 21, 2026            | 24                           |
| NOP - Draft Fall 2026 NOSB meeting agenda   | Aug 11, 2026             | ~11                          |
| NOSB - Fall 2026 proposals due to NOP       | Aug 20, 2026             | ~9                           |
| NOP - Post proposals/Open comment period    | Aug 31, 2026             | ~8                           |
| Public comment closes                       | Oct 1, 2026              | ~4                           |
| NOP - Send compiled public comments to NOSB | Oct 7, 2026              | ~3                           |
| Public comment webinars                     | Oct 20 & 22, 2026        | 1                            |
| Fall 2026 NOSB meeting - Location TBD       | TBD Oct 27 - 29, 2026    | 0                            |
| Final recommendations due                   | Nov 28, 2026             | ~30 days post meeting        |

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.

## **Crops Subcommittee (CS) Notes** **Tuesday, April 7, 2026 2:00 pm ET**

**Present:** Amanda Felder (AF), Vice Chair; Nate Lewis (NL); Dilip Nandwani; Corie Pierce (CP)

**Absent:** Franklin Quarcoo (FQ), Chair

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

### **Agenda**

- February 17, 2026 notes update
- Assign 2029 sunsets (see table below)
- Food Technologist update
- Additional items
- Adjourn

### **Discussion**

- **February 17, 2026 notes** were approved via email March 17, 2026.
- **Assign 2029 sunsets (see table below).** Members reviewed the list of 2029 sunsets (see table below), and talked about the criteria for determining whether they should request a new TR. Criteria include such things as age of last TR, changes in use patterns, availability of organic alternatives, etc. A member also mentioned that it would be helpful to think about whether a substance would be a candidate for an annotation change.
- **Food Technologist update.** The Food Technologist is preparing the final draft of the review on mined substances, which she will preview on the April 14 Materials call. The rest of the Board members will be invited to join the call if they would like to hear the update. .
- **Additional items.** None
- **The meeting was adjourned**

### **[Previous CS Notes](#)**

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

March 3, 2026

Chitosan (DN/NL) - Confirm TR need

March 17, 2026 - cancelled

April 7, 2026

Assign 2029 sunsets (see table below)

April 21, 2026

Prep for Spring meeting

Review Work agenda table (compost feedstocks?)

May 5, 2026 - cancelled. Conflicts with comment webinar.

May 19, 2026

Post-meeting - may cancel

June 2, 2026

Determine TR needs for 2029 sunsets

June 16, 2026

July 7, 2026

July 21, 2026

August 4, 2026

August 18, 2026  
 September 1, 2026  
 September 15, 2026  
 October 6, 2026  
 October 20, 2026  
 November 3, 2026  
 November 17, 2026  
 December 1, 2026  
 December 15, 2026

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

### Petitioned Substances

| Substance                                    | Contact | Doc Type | Notes*                                                                                                                                                                                                                             | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601               | FQ      | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24.                             | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |
| Chitosan -<br>2. Add to<br>205.601           | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |

### Other Projects

| Project                                                  | Contact | Notes*                                                                                                                                                          | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Paper as compost<br>feedstocks<br>discussion<br>document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Likely will need a separate work agenda request.                                               | 7.15.25<br>8.19.25   | TBD               |
| Research<br>Priorities                                   | FQ      | Spring 2026 list due to MS by Feb 4, 2026.                                                                                                                      | 1.20.26              | Spr 2026          |
| Biodegradable<br>Biobased Mulch<br>Film (BBMF)           | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23   | TBD               |

## 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/<br>status               | Target meeting                               |
|-------------------------------------------------------------------------------------------------|--------------------|---------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|
| Chlorine<br>Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine<br>Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                                                                                                                   | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016 recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26 | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a>                                   | 205.601(a)(2)(v)   | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2026 Lmt'd Scope TR</a><br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR found suff 2.3.26                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |

| Substance                         | National List                    | Contact | TR Request? | Notes*                                                                                                                                                                | Scheduled/ status                      | Target meeting |
|-----------------------------------|----------------------------------|---------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------|
| <a href="#">Copper sulfate</a>    | 205.601(a)(3), and 205.601(e)(4) | DN      | N           | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate and other copper products)<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2001 TAP</a> | 3.18.25<br>4.1.25<br>12.2.25           | " "            |
| <a href="#">Ozone gas</a>         | 205.601(a)(5)                    | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                         | 3.18.25<br>4.1.25<br>1.20.26           | " "            |
| <a href="#">Peracetic acid</a>    | 205.601(a)(6), and 205.601(i)(8) | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                         | 3.18.25<br>4.1.25<br>12.2.25<br>2.3.26 | " "            |
| <a href="#">Magnesium oxide</a>   | 205.601(j)(5)                    | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                     | 3.18.25<br>4.1.25<br>12.2.25           | " "            |
| <a href="#">EPA List 3 Inerts</a> | 205.601(m)(2)                    | NL      | N           | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of inert ingredients in pesticide products).                               | 3.18.25<br>4.1.25<br>1.20.26           | " "            |
| <a href="#">Calcium chloride</a>  | 205.602(c)                       | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                         | 3.18.25<br>4.1.25<br>2.3.26            | " "            |
| <a href="#">Rotenone</a>          | 205.602(f)                       | AF      | N           | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                     | 3.18.25<br>4.1.25<br>1.20.26           | " "            |

## 2029 Sunset Review

TR Requests (June 2026), Summary (Spr 2027), Review (Fall 2027)

Previous Sunset Recommendations: [2022/Fall - Rec to Renew \(2024 CS Sunsets\)](#)

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

| Substance                                         | National List      | Lead | TR Request? | Notes*                                                                                                                                                                                                   | Scheduled/ status | Target meeting                               |
|---------------------------------------------------|--------------------|------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|
| <a href="#">Herbicides, soap-based</a>            | 205.601(b)(1)      | FQ   |             | Sunset date: 10/30/2029<br><a href="#">2015 TR</a><br><a href="#">1996 TAP</a>                                                                                                                           | 4.7.26            | Summary:<br>Spr 2027<br>Review:<br>Fall 2027 |
| <a href="#">Biodegradable biobased mulch film</a> | 205.601(b)(2)(iii) | NL   |             | Sunset date: 10/30/2029<br><a href="#">2023 NOP Memo</a><br><a href="#">2019 NOP Policy Memo 15-1</a><br><a href="#">2016 limited scope TR</a><br><a href="#">2015 Report</a><br><a href="#">2012 TR</a> | 4.7.26            | " "                                          |
| <a href="#">Boric acid</a>                        | 205.601(e)(3)      | DN   |             | Sunset date: 10/30/2029<br><a href="#">1995 TAP</a>                                                                                                                                                      | 4.7.26            | " "                                          |

| Substance                                                                                                                                      | National List                                                      | Lead | TR Request? | Notes*                                                                                                                                                                                                              | Scheduled/ status | Target meeting |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------|
| <a href="#">Sticky traps/barriers</a>                                                                                                          | 205.601(e)(9)                                                      | FQ   |             | Sunset date: 10/30/2029<br><a href="#">1995 TAP</a>                                                                                                                                                                 | 4.7.26            | “ “            |
| <a href="#">Elemental sulfur</a>                                                                                                               | 205.601(e)(5)<br>205.601(h)(2)<br>205.601(i)(10)<br>205.601 (j)(2) | CP   |             | Sunset date: 10/30/2029,<br>and 06/22/2030<br><a href="#">2018 TR</a><br><a href="#">1995 TAP</a>                                                                                                                   | 4.7.26            | “ “            |
| <a href="#">Coppers, fixed</a>                                                                                                                 | 205.601(i)(2)                                                      | NL   |             | Sunset date: 10/30/2029<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2011 TR</a> (copper sulfate and other copper products)<br><a href="#">1995 TAP</a>                                              | 4.7.26            | “ “            |
| <a href="#">Copper sulfate</a>                                                                                                                 | 205.601(i)(3)                                                      | NL   |             | Sunset date: 10/30/2029<br><a href="#">2022 TR</a> (copper products)<br><a href="#">2011 TR</a> (copper sulfate and other copper products)<br><a href="#">2001 TAP</a> (copper sulfate)<br><a href="#">1995 TAP</a> | 4.7.26            | “ “            |
| <a href="#">Polyoxin D zinc salt</a>                                                                                                           | 205.601(i)(11)                                                     | DN   |             | Sunset date: 10/30/2029<br><a href="#">2021 Limited Scope TR</a><br><a href="#">2017 Limited scope TR</a><br><a href="#">2013 Addendum #2 (pdf)</a><br><a href="#">2012 TR</a>                                      | 4.7.26            | “ “            |
| <a href="#">Humic acids</a>                                                                                                                    | 205.601(j)(3)                                                      | DN   |             | Sunset date: 10/30/2029<br><a href="#">2012 TR</a> (oxidized lignite/humic acid derivatives)<br><a href="#">2006 TR</a><br><a href="#">1996 TAP</a>                                                                 | 4.7.26            | “ “            |
| <a href="#">Micronutrients: Soluble boron products</a>                                                                                         | 205.601(j)(7)(i)                                                   | AF   |             | Sunset date: 01/28/2029<br><a href="#">2022 Limited Scope TR</a> (soluble boron products)<br><a href="#">2010 TR</a> (Micronutrients)                                                                               | 4.7.26            | “ “            |
| <a href="#">Micronutrients: Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt.</a> | 205.601(j)(7)(ii)                                                  | AF   |             | Sunset date: 01/28/2029<br><a href="#">2022 Limited Scope TR</a> (Micronutrients)<br><a href="#">2010 TR</a> (Micronutrients)                                                                                       | 4.7.26            | “ “            |
| <a href="#">Vitamins, C and E</a>                                                                                                              | 205.601(j)(9)                                                      | CP   |             | Sunset date: 10/30/2029<br><a href="#">2015 TR</a> (vitamins B1, C, & E)<br><a href="#">1995 TAP</a> (vitamins B1, C, & E)                                                                                          | 4.7.26            | “ “            |

| Substance                                       | National List  | Lead | TR Request? | Notes*                                             | Scheduled/ status | Target meeting |
|-------------------------------------------------|----------------|------|-------------|----------------------------------------------------|-------------------|----------------|
| <a href="#">Squid byproducts</a>                | 205.601(j)(10) | AF   |             | Sunset date: 01/28/2029<br><a href="#">2016 TR</a> | 4.7.26            | " "            |
| <a href="#">Lead salts</a>                      | 205.602(d)     | CP   |             | Sunset date: 10/30/2029<br>TR: None                | 4.7.26            | " "            |
| <a href="#">Tobacco dust (nicotine sulfate)</a> | 205.602(j)     | FQ   |             | Sunset date: 10/30/2029<br>TR: None                | 4.7.26            | " "            |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM (prior to meeting) |
|-------------------------------------------------------|--------------------------|------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                       |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                         |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                          |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                          |
| Public comment closes                                 | Apr 16, 2026             | 3.5                          |
| NOP - Send compiled public comments to NOSB           | Apr 22, 2026             | 3                            |
| Public comment webinars                               | May 5 & 7, 2026          | 1                            |
| Spring 2026 NOSB meeting - TBD                        | May 12 - 14, 2026        | 0                            |
| Final recommendations due                             | Jun 14, 2026             | 30 days post meeting         |

| Fall 2026 Milestones                        | Target dates (tentative) | Weeks PTM (prior to meeting) |
|---------------------------------------------|--------------------------|------------------------------|
| NOP - Publish FRN, Open public comment      | ~May 21, 2026            | 24                           |
| NOP - Draft Fall 2026 NOSB meeting agenda   | Aug 11, 2026             | ~11                          |
| NOSB - Fall 2026 proposals due to NOP       | Aug 20, 2026             | ~9                           |
| NOP - Post proposals/Open comment period    | Aug 31, 2026             | ~8                           |
| Public comment closes                       | Oct 1, 2026              | ~4                           |
| NOP - Send compiled public comments to NOSB | Oct 7, 2026              | ~3                           |
| Public comment webinars                     | Oct 20 & 22, 2026        | 1                            |
| Fall 2026 NOSB meeting - Location TBD       | TBD Oct 27 - 29, 2026    | 0                            |
| Final recommendations due                   | Nov 28, 2026             | ~30 days post meeting        |

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.

## **Crops Subcommittee (CS) Notes**

### **Tuesday, March 3, 2026 2:00 pm ET**

**Present:** Franklin Quarcoo (FQ), Chair; Nate Lewis (NL); Dilip Nandwani; Corie Pierce (CP)

**Absent:** Amanda Felder (AF), Vice Chair; Heather Kumar (HK)

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

#### **Agenda**

- Review February 17, 2026 notes
- Chitosan (FQ) - TR determination
- Additional items
- Adjourn

#### **Discussion**

- **February 17, 2026 notes** were approved as written.  
**Chitosan (FQ/DN/NL) - TR determination.** The Crops Chair summarized the petition requests for chitosan, and the group discussed the need for a new TR. In one of the petitions, chitosan is being proposed as an alternative to copper for pest management. The group discussed production methods, waste products, potential environmental concerns, and usefulness as an alternative to copper. In addition to a 2020 TR, the Handling Subcommittee just received a Limited Scope TR, and while the focus of that new TR is not Crops, the CS thinks it may contain adequate information and references for them to move forward. Therefore the CS will not request a new TR. To gather the information they are seeking, the Subcommittee will pose questions to stakeholders and send a project request to the Food Technologist to research the citations that are in the existing TRs.  
The NOP added that chitosan was also recently classified by the EPA as a Minimum Risk active ingredient - <https://www.epa.gov/pesticides/epa-adds-chitosan-list-active-ingredients-eligible-minimum-risk-pesticide-exemption>, and it might be helpful.  
The CS intends to complete the two chitosan documents at the Fall 2026 meeting, while Handling has a proposal for the Spring meeting.
- **Additional items.** The group discussed various NOSB administrative items, such as the Spring and Fall meeting dates and the nominations.
- **The meeting was adjourned**

#### **[Previous CS Notes](#)**

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

February 17, 2026

Chitosan (NL) - Petition sufficiency/TR determination

March 3, 2026

Chitosan (DN/NL) - Confirm TR need

March 17, 2026

April 7, 2026

April 21, 2026

May 5, 2026

May 19, 2026

June 2, 2026

June 16, 2026

July 7, 2026

July 21, 2026  
 August 4, 2026  
 August 18, 2026  
 September 1, 2026  
 September 15, 2026  
 October 6, 2026  
 October 20, 2026  
 November 3, 2026  
 November 17, 2026  
 December 1, 2026  
 December 15, 2026

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

### Petitioned Substances

| Substance                                    | Contact | Doc Type | Notes*                                                                                                                                                                                                                             | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601               | FQ      | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24.                             | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |
| Chitosan -<br>2. Add to<br>205.601           | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br><a href="#">2026 TR (Handling, Lmted scope)</a><br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |

### Other Projects

| Project                                                  | Contact | Notes*                                                                                                                                                          | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Paper as compost<br>feedstocks<br>discussion<br>document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Likely will need a separate work agenda request.                                               | 7.15.25<br>8.19.25   | TBD               |
| Research<br>Priorities                                   | FQ      | Fall 2025 list due to MS by July 8, 2025.<br>Spring 2026 list due to MS by Feb 4, 2026.                                                                         | 1.20.26              | Spr 2026          |
| Biodegradable<br>Biobased Mulch<br>Film (BBMF)           | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23   | TBD               |

## 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/<br>status               | Target meeting                               |
|-------------------------------------------------------------------------------------------------|--------------------|---------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|
| Chlorine<br>Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26.                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine<br>Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26.                                                                                                                                   | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016 recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26. | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a>                                   | 205.601(a)(2)(v)   | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26.                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |

| Substance                         | National List                       | Contact | TR Request? | Notes*                                                                                                                                                                         | Scheduled/<br>status                   | Target<br>meeting |
|-----------------------------------|-------------------------------------|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|
| <a href="#">Copper sulfate</a>    | 205.601(a)(3),<br>and 205.601(e)(4) | DN      | N           | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate<br>and other copper<br>products)<br><a href="#">2022 TR</a> (copper<br>products)<br><a href="#">2001 TAP</a> | 3.18.25<br>4.1.25<br>12.2.25           | " "               |
| <a href="#">Ozone gas</a>         | 205.601(a)(5)                       | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>1.20.26           | " "               |
| <a href="#">Peracetic acid</a>    | 205.601(a)(6),<br>and 205.601(i)(8) | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>12.2.25<br>2.3.26 | " "               |
| <a href="#">Magnesium oxide</a>   | 205.601(j)(5)                       | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                              | 3.18.25<br>4.1.25<br>12.2.25           | " "               |
| <a href="#">EPA List 3 Inerts</a> | 205.601(m)(2)                       | NL      | N           | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of<br>inert ingredients in<br>pesticide products).                                  | 3.18.25<br>4.1.25<br>1.20.26           | " "               |
| <a href="#">Calcium chloride</a>  | 205.602(c)                          | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>2.3.26            | " "               |
| <a href="#">Rotenone</a>          | 205.602(f)                          | AF      | N           | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                              | 3.18.25<br>4.1.25<br>1.20.26           | " "               |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM<br>(prior to meeting) |
|-------------------------------------------------------|--------------------------|---------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                          |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                            |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                             |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                             |
| Public comment closes                                 | Apr 16, 2026             | 3.5                             |
| NOP - Send compiled public comments to NOSB           | Apr 22, 2026             | 3                               |
| Public comment webinars                               | May 5 & 7, 2026          | 1                               |
| Spring 2026 NOSB meeting - Omaha, NE (Tentative)      | May 12 - 14, 2026        | 0                               |
| Final recommendations due                             | Jun 14, 2026             | 30 days post<br>meeting         |

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.

## **Crops Subcommittee (CS) Notes** **Tuesday, February 17, 2026 2:00 pm ET**

**Present:** Franklin Quarcoo (FQ), Chair; Amanda Felder (AF), Vice Chair; Nate Lewis (NL); Dilip Nandwani; Corie Pierce (CP)

**Absent:** None

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

### **Agenda**

- Review February 3, 2026 notes
- Chitosan (AH) - Petition sufficiency/TR determination
- Additional items
- Adjourn

### **Discussion**

- **February 3, 2026 notes** were accepted as written.
- **Chitosan (AH) - Petition sufficiency/TR determination.** The petition was found sufficient and the CS discussed the need for a TR. There is a 2020 TR for Crops and a 2026 Limited Scope TR for Handling, and while the use is different for the 2026 one, the manufacturing process(es) might be the same. The lead will review the two previous TRs and confirm at the next call whether the CS wants to request a new TR or not. The CS intends to write proposals for the Fall 2026 meeting. The group had a conversation about alternatives, and will continue the discussion on the next call.
- **Additional items.** Two 2028 sunsets substances were reassigned from members who rotated off the Board last month (copper sulfate and magnesium oxide).
- **The meeting was adjourned**

### **[Previous CS Notes](#)**

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

February 3, 2026

2028 Sunset: Peracetic Acid (CP) - complete review

2028 Sunset: Calcium chloride (CP) - complete review

2028 Sunset: Chlorine Materials (FQ) - discuss

February 17, 2026

Chitosan (NL) - Petition sufficiency/TR determination

March 3, 2026

Chitosan (NL) - Confirm TR need

March 17, 2026

April 7, 2026

April 21, 2026

May 5, 2026

May 19, 2026

June 2, 2026

June 16, 2026

July 7, 2026

July 21, 2026

August 4, 2026

August 18, 2026

September 1, 2026  
 September 15, 2026  
 October 6, 2026  
 October 20, 2026  
 November 3, 2026  
 November 17, 2026  
 December 1, 2026  
 December 15, 2026

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

### Petitioned Substances

| Substance                                    | Contact | Doc Type | Notes*                                                                                                                                                                                                             | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601               | FQ      | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24.             | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br>2026 TR (Handling, Lmted scope)<br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |
| Chitosan -<br>2. Add to<br>205.601           | NL/DN   | Proposal | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26. Petition found suff 2.17.26.<br>2026 TR (Handling, Lmted scope)<br><a href="#">2020 TR Crops</a><br><a href="#">2020 Livestock petition</a> | 2.17.26<br>3.3.26    | Fall 2026         |

### Other Projects

| Project                                                  | Contact | Notes*                                                                                                                                                          | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Paper as compost<br>feedstocks<br>discussion<br>document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Likely will need a separate work agenda request.                                               | 7.15.25<br>8.19.25   | TBD               |
| Research<br>Priorities                                   | FQ      | Fall 2025 list due to MS by July 8, 2025.<br>Spring 2026 list due to MS by Feb 4, 2026.                                                                         | 1.20.26              | Spr 2026          |
| Biodegradable<br>Biobased Mulch<br>Film (BBMF)           | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23   | TBD               |

**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/<br>status               | Target<br>meeting                            |
|-------------------------------------------------------------------------------------------------|--------------------|---------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|
| Chlorine<br>Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26.                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine<br>Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26.                                                                                                                                   | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016 recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26. | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a>                                   | 205.601(a)(2)(v)   | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26. TR<br>found sufficient 2.3.26.                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b> | " "                                          |

| Substance                         | National List                       | Contact | TR Request? | Notes*                                                                                                                                                                         | Scheduled/<br>status                   | Target<br>meeting |
|-----------------------------------|-------------------------------------|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|
| <a href="#">Copper sulfate</a>    | 205.601(a)(3),<br>and 205.601(e)(4) | DN      | N           | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate<br>and other copper<br>products)<br><a href="#">2022 TR</a> (copper<br>products)<br><a href="#">2001 TAP</a> | 3.18.25<br>4.1.25<br>12.2.25           | " "               |
| <a href="#">Ozone gas</a>         | 205.601(a)(5)                       | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>1.20.26           | " "               |
| <a href="#">Peracetic acid</a>    | 205.601(a)(6),<br>and 205.601(i)(8) | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>12.2.25<br>2.3.26 | " "               |
| <a href="#">Magnesium oxide</a>   | 205.601(j)(5)                       | AF      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                              | 3.18.25<br>4.1.25<br>12.2.25           | " "               |
| <a href="#">EPA List 3 Inerts</a> | 205.601(m)(2)                       | NL      | N           | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of<br>inert ingredients in<br>pesticide products).                                  | 3.18.25<br>4.1.25<br>1.20.26           | " "               |
| <a href="#">Calcium chloride</a>  | 205.602(c)                          | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>2.3.26            | " "               |
| <a href="#">Rotenone</a>          | 205.602(f)                          | AF      | N           | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                              | 3.18.25<br>4.1.25<br>1.20.26           | " "               |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM<br>(prior to meeting) |
|-------------------------------------------------------|--------------------------|---------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                          |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                            |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                             |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                             |
| Public comment closes                                 | Apr 16, 2026             | 3.5                             |
| NOP - Send compiled public comments to NOSB           | Apr 22, 2026             | 3                               |
| Public comment webinars                               | May 5 & 7, 2026          | 1                               |
| Spring 2026 NOSB meeting - Omaha, NE (Tentative)      | May 12 - 14, 2026        | 0                               |
| Final recommendations due                             | Jun 14, 2026             | 30 days post<br>meeting         |

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.

## **Crops Subcommittee (CS) Notes** **Tuesday, February 3, 2026 2:00 pm ET**

**Present:** Franklin Quarcoo (FQ), Chair; Amanda Felder (AF), Vice Chair; Nate Lewis (NL); Dilip Nandwani; Corie Pierce (CP)

**Absent:** None

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

### **Agenda**

- Review January 20, 2026 notes
- 2028 Sunset: Peracetic Acid (CP) - complete review
- 2028 Sunset: Calcium chloride (CP) - complete review
- 2028 Sunset: Chlorine Materials (FQ) - discuss
- Chitosan (AH) - Petition sufficiency/TR determination
- Additional items
- Adjourn

### **Discussion**

- **January 20, 2026 notes** were accepted with a correction to the pear ester vote.
- **2028 Sunset: Peracetic Acid (CP).** The lead summarized the review of peracetic acid. It is benign, biodegradable, a powerful oxidizing agent, and desired by growers as an alternative to chlorine. Unlike chlorine it does not need to be rinsed off. It has broad spectrum use, and is effective for use in cold climates. The CS discussed concentrations of peracetic acid and the Food Safety Modernization Act (FSMA). DN highlighted that the TR on chlorine materials is comprehensive and well written, and it would be useful to include a summary of the pertinent information in this sunset review.
- **2028 Sunset: Calcium chloride (CP).** Calcium chloride is listed at 205.602, as a restricted natural. It's used by fruit growers for various crop diseases, and is an important tool. The CS discussed questions about classification and alternatives. The lead will submit the document to the NOP for the Spring 2026 meeting.
- **2028 Sunset: Chlorine Materials (FQ).** The lead writer summarized the uses, manufacture, health aspects, and previous reviews of chlorine materials. The CS found the TR sufficient and will relay that to the NOP, along with Handling and Livestock Chairs. Members suggested minor edits to the sunset review and will submit it for the Spring meeting.
- **Chitosan (NL/AH).** Petition sufficiency/TR determination deferred to the next call.
- **Additional items.** None.
- **The meeting was adjourned**

### **[Previous CS Notes](#)**

### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

January 20, 2026

2028 Sunset: EPA List 3 Inerts (NL) - discuss

2028 Sunset: Ozone (AF) - discuss

2028 Sunset: Rotenone (AF) - discuss

Research Priorities - finalize list for MS

Pear ester petition proposal (FQ) - discuss/vote

February 3, 2026

2028 Sunset: Peracetic Acid (CP) - complete review  
 2028 Sunset: Calcium chloride (CP) - complete review  
 2028 Sunset: Chlorine Materials (FQ) - discuss

February 17, 2026

Chitosan (AH) - Petition sufficiency/TR determination

March 3, 2026

March 17, 2026

April 7, 2026

April 21, 2026

May 5, 2026

May 19, 2026

June 2, 2026

June 16, 2026

July 7, 2026

July 21, 2026

August 4, 2026

August 18, 2026

September 1, 2026

September 15, 2026

October 6, 2026

October 20, 2026

November 3, 2026

November 17, 2026

December 1, 2026

December 15, 2026

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

#### Petitioned Substances

| Substance                                                             | Contact         | Doc Type | Notes*                                                                                                                                                                                                 | Scheduled/<br>status | Target<br>meeting |
|-----------------------------------------------------------------------|-----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601                                        | FQ              | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24. | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic;<br>2. Add to<br>205.601 | NL -<br>temp/AH | TBD      | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26                                                                                                                                  | 2.17.26              | TBD               |

## Other Projects

| Project                                         | Contact | Notes*                                                                                                                                                          | Scheduled/status   | Target meeting |
|-------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| Paper as compost feedstocks discussion document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Likely will need a separate work agenda request.                                               | 7.15.25<br>8.19.25 | TBD            |
| Research Priorities                             | BC      | Fall 2025 list due to MS by July 8, 2025.<br>Spring 2026 list due to MS by Feb 4, 2026.                                                                         | 1.20.26            | Spr 2026       |
| Biodegradable Biobased Mulch Film (BBMF)        | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23 | TBD            |

## 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                               |
|----------------------------------------------------------------------------------------------|--------------------|---------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|
| Chlorine Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26                                                                                                           | 3.18.25<br>4.1.25<br>2.3.26 | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26                                                                                                                                                      | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |
| Chlorine Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016</a><br><a href="#">recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26 | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |

| Substance                                                  | National List                       | Contact | TR Request?     | Notes*                                                                                                                                                                                                                               | Scheduled/<br>status                          | Target meeting |
|------------------------------------------------------------|-------------------------------------|---------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------|
| Chlorine Materials:<br><a href="#">Sodium hypochlorite</a> | 205.601(a)(2)(v)                    | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br><b>TR Suff due 2.7.26</b> | 3.18.25<br>4.1.25<br><b>2.3.26</b>            | " "            |
| <a href="#">Copper sulfate</a>                             | 205.601(a)(3),<br>and 205.601(e)(4) | BC      | N               | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate<br>and other copper<br>products)<br><a href="#">2022 TR</a> (copper<br>products)<br><a href="#">2001 TAP</a>                                                       | 3.18.25<br>4.1.25<br><b>12.2.25</b>           | " "            |
| <a href="#">Ozone gas</a>                                  | 205.601(a)(5)                       | AF/LP   | N               | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                                                                                        | 3.18.25<br>4.1.25<br><b>1.20.26</b>           | " "            |
| <a href="#">Peracetic acid</a>                             | 205.601(a)(6),<br>and 205.601(i)(8) | CP      | N               | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                                                                                        | 3.18.25<br>4.1.25<br>12.2.25<br><b>2.3.26</b> | " "            |
| <a href="#">Magnesium oxide</a>                            | 205.601(j)(5)                       | ADB     | N               | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                                                                                    | 3.18.25<br>4.1.25<br><b>12.2.25</b>           | " "            |
| <a href="#">EPA List 3 Inerts</a>                          | 205.601(m)(2)                       | NL      | N               | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of<br>inert ingredients in<br>pesticide products).                                                                                        | 3.18.25<br>4.1.25<br><b>1.20.26</b>           | " "            |
| <a href="#">Calcium chloride</a>                           | 205.602(c)                          | CP/NL   | N               | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                                                                                        | 3.18.25<br>4.1.25<br><b>2.3.26</b>            | " "            |
| <a href="#">Rotenone</a>                                   | 205.602(f)                          | AF      | N               | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                                                                                    | 3.18.25<br>4.1.25<br><b>1.20.26</b>           | " "            |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM<br>(prior to meeting) |
|-------------------------------------------------------|--------------------------|---------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                          |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                            |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                             |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                             |

|                                                  |                   |                      |
|--------------------------------------------------|-------------------|----------------------|
| Public comment closes                            | Apr 16, 2026      | 3.5                  |
| NOP - Send compiled public comments to NOSB      | Apr 22, 2026      | 3                    |
| Public comment webinars                          | May 5 & 7, 2026   | 1                    |
| Spring 2026 NOSB meeting - Omaha, NE (Tentative) | May 12 - 14, 2026 | 0                    |
| Final recommendations due                        | Jun 14, 2026      | 30 days post meeting |

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.

**Crops Subcommittee (CS) Notes**  
**Tuesday, January 20, 2026 2:00 pm ET**

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

**Absent:** Logan Petrey (LP), Chair

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

**Agenda**

- Review January 6, 2026 notes
- 2028 Sunset: EPA List 3 Inerts (NL) - discuss
- 2028 Sunset: Ozone (AF) - discuss
- 2028 Sunset: Rotenone (AF) - discuss
- Pear Ester petition proposal (FQ) - discuss/vote
- Research Priorities
- Additional items
- Adjourn

**Discussion**

- **January 6, 2026 notes** were accepted as written.
- **2028 Sunset: EPA List 3 Inerts (NL).** The lead summarized the review of List 3 inerts highlighting the use in pheromones. Members added feedback about acreage and personal experiences using these substances. List 3 inerts have a narrow use, and are seen as necessary in organic orchards. The CS will submit this review to the NOP for the Spring meeting.
- **2028 Sunset: Ozone (AF).** The lead summarized the uses of ozone as well as public comment from the last review. Exposure during manufacturing is the biggest risk, and as long as good manufacturing processes are observed, that risk is low. The CS added questions about alternatives. And will submit the review for the Spring meeting.
- **2028 Sunset: Rotenone (AF).** The lead briefly summarized rotenone. It's a prohibited natural. Growers (both organic and conventional) voluntarily removed rotenone from use, given the human health issues. There are no questions for stakeholders. The HS completed the review for the Spring meeting, and will submit the document to the NOP.
- **Pear Ester petition proposal (FQ).** The lead summarized the proposal, noting the reclassification from a pheromone to a kairomone. Pear ester is used to monitor populations of codling moth, and used as a mating disrupter. Based on public feedback from the Fall meeting, the CS proposed an annotation to prohibit use in microencapsulated formulations.

Motion to classify pear ester as synthetic

Motions by: FQ

Seconded by: BC

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

Motion to add pear ester at 205.601(f) with the following annotation: Microencapsulated formulations prohibited.

Motions by: FQ

Seconded by: ADB

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

- **Research Priorities (BC).** The lead incorporated changes discussed during the last call, and the group reviewed them before approving to send the list to the Materials Subcommittee. The group also discussed the research priorities framework and schedule, and will revisit that for the next cycle.
- **Additional items.** Cover letters for the final recommendations from the Fall meeting are due February 13.
- **The meeting was adjourned**

### Previous CS Notes

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

January 6, 2026

Research Priorities (BC) - discuss list

January 20, 2026

2028 Sunset: EPA List 3 Inerts (NL) - discuss

2028 Sunset: Ozone (AF) - discuss

2028 Sunset: Rotenone (AF) - discuss

Research Priorities - finalize list for MS

Pear ester petition proposal (FQ) - discuss/vote

February 3, 2026

2028 Sunset: Peracetic Acid (CP). Complete review

2028 Sunset: Calcium chloride (CP). Complete review

2028 Sunset: Chlorine Materials (FQ) - discuss

Chitosan (AH) - Petition sufficiency/TR determination

February 17, 2026

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

#### **Petitioned Substances**

| Substance                                                             | Contact         | Doc Type | Notes*                                                                                                                                                                                                 | Scheduled/<br>status | Target<br>meeting |
|-----------------------------------------------------------------------|-----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601                                        | FQ              | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24. | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic;<br>2. Add to<br>205.601 | NL -<br>temp/AH | TBD      | Two petitions sent to CS 12.9.25. Petition suff/TR request due 2.7.26                                                                                                                                  | 2.3.26               | TBD               |

#### **Other Projects**

| Project                                                  | Contact | Notes*                                                                                                            | Scheduled/<br>status | Target<br>meeting |
|----------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Paper as compost<br>feedstocks<br>discussion<br>document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Likely will need a separate work agenda request. | 7.15.25<br>8.19.25   | TBD               |

| Project                                  | Contact | Notes*                                                                                                                                                          | Scheduled/status   | Target meeting |
|------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| Research Priorities                      | BC      | Fall 2025 list due to MS by July 8, 2025.<br>Spring 2026 list due to MS by Feb 4, 2026.                                                                         | 1.20.26            | Spr 2026       |
| Biodegradable Biobased Mulch Film (BBMF) | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold. | 9.19.23<br>10.3.23 | TBD            |

## 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                               |
|----------------------------------------------------------------------------------------------|--------------------|---------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|
| Chlorine Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | LP      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26                                                                                        | 3.18.25<br>4.1.25<br>2.3.26 | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | LP      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26                                                                                                                                   | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |
| Chlorine Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd Scope | Sunset date: 5/29/2028<br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016 recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br>TR Suff due 2.7.26 | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |

| Substance                                                     | National List                       | Contact | TR Request?        | Notes*                                                                                                                                                                                                                               | Scheduled/<br>status                   | Target<br>meeting |
|---------------------------------------------------------------|-------------------------------------|---------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a> | 205.601(a)(2)(v)                    | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br><b>TR Suff due 2.7.26</b> | 3.18.25<br>4.1.25<br>2.3.26            | " "               |
| <a href="#">Copper sulfate</a>                                | 205.601(a)(3),<br>and 205.601(e)(4) | BC      | N                  | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate<br>and other copper<br>products)<br><a href="#">2022 TR</a> (copper<br>products)<br><a href="#">2001 TAP</a>                                                       | 3.18.25<br>4.1.25<br><b>12.2.25</b>    | " "               |
| <a href="#">Ozone gas</a>                                     | 205.601(a)(5)                       | AF/LP   | N                  | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                                                                                        | 3.18.25<br>4.1.25<br><b>1.20.26</b>    | " "               |
| <a href="#">Peracetic acid</a>                                | 205.601(a)(6),<br>and 205.601(i)(8) | CP      | N                  | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                                                                                        | 3.18.25<br>4.1.25<br>12.2.25<br>2.3.26 | " "               |
| <a href="#">Magnesium oxide</a>                               | 205.601(j)(5)                       | ADB     | N                  | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                                                                                    | 3.18.25<br>4.1.25<br><b>12.2.25</b>    | " "               |
| <a href="#">EPA List 3 Inerts</a>                             | 205.601(m)(2)                       | NL      | N                  | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of<br>inert ingredients in<br>pesticide products).                                                                                        | 3.18.25<br>4.1.25<br><b>1.20.26</b>    | " "               |
| <a href="#">Calcium chloride</a>                              | 205.602(c)                          | CP/NL   | N                  | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                                                                                        | 3.18.25<br>4.1.25<br>2.3.26            | " "               |
| <a href="#">Rotenone</a>                                      | 205.602(f)                          | AF      | N                  | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                                                                                    | 3.18.25<br>4.1.25<br><b>1.20.26</b>    | " "               |

| Spring 2026 Milestones                                | Target dates (tentative) | Weeks PTM<br>(prior to meeting) |
|-------------------------------------------------------|--------------------------|---------------------------------|
| NOP - Publish FRN, Open public comment                | ~Jan 24, 2026            | 16 -20                          |
| NOP - Draft Spring 2026 NOSB meeting tentative agenda | Feb 19, 2026             | ~ 10                            |
| NOSB - Spring 2026 proposals due to NOP               | Feb 26, 2026             | ~ 9                             |
| NOP - Post proposals/Open comment period              | Mar 16, 2026             | 7.5                             |

|                                                  |                   |                      |
|--------------------------------------------------|-------------------|----------------------|
| Public comment closes                            | Apr 16, 2026      | 3.5                  |
| NOP - Send compiled public comments to NOSB      | Apr 22, 2026      | 3                    |
| Public comment webinars                          | May 5 & 7, 2026   | 1                    |
| Spring 2026 NOSB meeting - Omaha, NE (Tentative) | May 12 - 14, 2026 | 0                    |
| Final recommendations due                        | Jun 14, 2026      | 30 days post meeting |

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.

## **Crops Subcommittee (CS) Notes** **Tuesday, January 6, 2026 2:00 pm ET**

**Present:** Amy Bruch (ADB); Brian Caldwell (BC); Franklin Quarcoo (FQ); Corie Pierce (CP)

**Absent:** Amanda Felder (AF); Logan Petrey (LP), Chair; Nate Lewis (NL), Vice Chair; Heather Kumar (HK)

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

### **Agenda**

- Review December 16, 2025 notes
- Winter meeting updates/2027 sunset presentation reminders/finalizing docs after voting
- 2028 Sunset: Peracetic Acid (CP). Complete review
- 2028 Sunset: Calcium chloride (CP). Complete review
- Research Priorities (BC) - discuss list
- Additional items
- Adjourn

### **Discussion**

- **December 16, 2025 notes** were accepted as written
- **Winter meeting updates/2027 sunset presentation reminders/finalizing docs after voting (ADB).**
  - The Chair suggested folks review the TR and proposal for compost, to get up to speed before the NOSB meeting next week. The group reviewed the agenda for the January meeting and specifically discussed how to present the sunset reviews. The goal is to be brief, and focus on highlights and public comments.
  - The Chair asked that members forward any questions they may have for Q and A with the NOP. Please send to the NOSB Officers by Thursday afternoon - 3pm Eastern.
- **2028 Sunset: Peracetic Acid (CP). Deferred to February 3 call.**
- **2028 Sunset: Calcium chloride (CP). Deferred to February 3 call.**
- **Research Priorities (BC).** The lead reviewed the written comments and incorporated them into the document, which will be presented at the Spring 2026 meeting. He highlighted the new category of “interdisciplinary”, and noted that he moved the topic of sanitizers under that heading, given that sanitizers appear on the national List across all three scopes: Crops, Livestock, and Handling. The CS added a few new topics that were gleaned from public comment. 1. Plasticizers and other additives to paper and their behavior in the environment. 2. Studies of the effects of long-term (2+ years) use of in-situ plastic weed barriers/landscape fabric on soils in greenhouse and container growing systems. 3. Organic agroforestry and perennial based systems. NOP shared the link to the Secretary’s Research Priorities, so the Board is aware.  
<https://www.usda.gov/about-usda/news/press-releases/2025/12/30/secretary-rollins-announces-new-priorities-research-and-development-2026>.
- **Additional items.** After the conclusion of the meeting next week, the officers will rearrange the Subcommittee rosters as much as possible, given that 5 members are rotating off and we don’t yet have new appointees.
- **The meeting was adjourned**

### **[Previous CS Notes](#)**

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 2:00 PM ET | 11:00 AM PT, except where noted)**

December 16, 2025

January 6, 2026

Research Priorities (BC) - discuss list

January 20, 2026

2028 Sunset: EPA List 3 Inerts (NL) - discuss

2028 Sunset: Ozone (AF) - discuss

2028 Sunset: Rotenone (AF) - discuss

Pear Ester petition proposal (FQ) - discuss/finalize

February 3, 2026

2028 Sunset: Peracetic Acid (CP). Complete review

2028 Sunset: Calcium chloride (CP). Complete review

2028 Sunset: Chlorine Materials (FQ) - discuss

Chitosan (NL/AH) - Petition sufficiency/TR determination

February 17, 2026

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

### Petitioned Substances

| Substance                                                             | Contact         | Doc Type | Notes*                                                                                                                                                                                                 | Scheduled/<br>status | Target<br>meeting |
|-----------------------------------------------------------------------|-----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| Pear Ester -<br>add to 205.601                                        | FQ              | Proposal | Petition sent to CS 10.05.23. Petition suff/TR request due 12.04.23. Petition found sufficient/CS requested TR 11.21.23. Draft TR sent to CS 5.17.24. TR Suff due 7.16.24. TR found sufficient 7.2.24. | 7.29.25<br>1.20.26   | Spr 2026          |
| Chitosan -<br>1. Classify as<br>nonsynthetic;<br>2. Add to<br>205.601 | NL -<br>temp/AH | TBD      | Two petitions sent to CS 12.9.25. <b>Petition suff/TR request due 2.7.26</b>                                                                                                                           | 2.3.26               | TBD               |

### Other Projects

| Project                                         | Contact | Notes*                                                                                                                                                                                                                       | Scheduled/<br>status          | Target<br>meeting |
|-------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|
| Synthetic Compostable Polymers Proposal         | NL/AF   | <a href="#">NOP memo</a> sent to NOSB October 11, 2023<br>CS requested TR on compostables 9.17.24. TR expected April 2025. TR draft sent to CS 3.31.25. TR sufficiency due 5.27.25. TR found sufficient 4.23.25 (via email). | 5.20.25<br>7.15.25<br>8.19.25 | Fall 2025         |
| Paper as compost feedstocks discussion document | NL      | Split out from the Synthetic Compostable Polymers topic 7.15.25. Likely will need a separate work agenda request.                                                                                                            | 7.15.25<br>8.19.25            | TBD               |
| Research Priorities                             | BC      | Fall 2025 list due to MS by July 8, 2025.<br>Spring 2026 list due to MS by Feb 4, 2026.                                                                                                                                      | 7.1.25<br>1.6.26              | Fall 2025         |
| Biodegradable Biobased Mulch Film (BBMF)        | TBD     | <a href="#">Previous NOSB work (2012 – 2021)</a><br><a href="#">NOP memo</a> sent to NOSB September 8, 2023. Crops will not work on this at this time. On hold.                                                              | 9.19.23<br>10.3.23            | TBD               |

## 2027 Sunset Review

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

| Substance                                     | National List     | Contact  | TR Request?   | Notes*                                                                                                                                                                                                                                                  | Scheduled/<br>status | Target<br>meeting                            |
|-----------------------------------------------|-------------------|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|
| <a href="#">Potassium hypochlorite</a>        | 205.601(a)(2)(iv) | FQ       | Y Lmtd Scope  | Sunset date: 04/22/2027<br>TR: <a href="#">2011 TR (chlorine materials)</a><br><a href="#">2019/Fall - Rec to ADD 03/23/2022 87 FR 16371</a><br>TR due early Nov 2024.<br>TR sent to CS 11.12.24.<br>TR suff due 1.11.25. TR found sufficient 11.19.24. | 7.1.25               | Summary:<br>Spr 2025<br>Review:<br>Fall 2025 |
| <a href="#">Soap-based algicide/demossers</a> | 205.601(a)(7)     | ADB      | N             | Sunset date: 03/15/2027<br>TAP: <a href="#">1996</a><br>TR: <a href="#">2015 (Soap-Based Algicide/Demossers)</a><br><a href="#">2020/Fall - Rec to Renew 08/03/2021 86 FR 41699</a>                                                                     | 8.5.25               | " "                                          |
| <a href="#">Ammonium carbonate</a>            | 205.601(e)(1)     | LP -> NL | N             | Sunset date: 03/15/2027<br>TAP: <a href="#">1995</a><br>TR: NA<br><a href="#">2020/Fall - Rec to Renew 08/03/2021 86 FR 41699</a>                                                                                                                       | 6.3.25               | " "                                          |
| <a href="#">Soaps, insecticidal</a>           | 205.601(e)(8)     | ADB      | N             | Sunset date: 03/15/2027<br>TAP: <a href="#">1994</a><br>TR: <a href="#">2020 2020/Fall - Rec to</a>                                                                                                                                                     | 8.5.25               | " "                                          |
| <a href="#">Sucrose octanoate esters</a>      | 205.601(e)(10)    | FQ       | Y Lmt'd scope | Sunset date: 03/15/2027<br>TR: <a href="#">2005 2018/Fall - Rec to REMOVE 02/28/2022 87 FR 10930</a><br>TR sent to LS/CS                                                                                                                                | 7.29.25              | " "                                          |

| Substance                                                                                            | National List | Contact     | TR Request?      | Notes*                                                                                                                                                                                                                                                                                                                                 | Scheduled/<br>status    | Target<br>meeting |
|------------------------------------------------------------------------------------------------------|---------------|-------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------|
| <a href="#">Vitamin D<sub>3</sub></a>                                                                | 205.601(g)    | ADB         | N                | Sunset date:<br>03/15/2027<br>TAP: <a href="#">1995</a><br>TR: <a href="#">2011</a><br><a href="#">2020/Fall - Rec to Renew</a><br><a href="#">08/03/2021 86 FR 41699</a>                                                                                                                                                              | <a href="#">8.5.25</a>  | " "               |
| <a href="#">Aquatic plant extracts</a>                                                               | 205.601(j)(1) | NL          | Y Lmt'd<br>Scope | Sunset date:<br>03/15/2027<br>TAP: <a href="#">2005</a><br>TR: <a href="#">2006</a><br>TR: <a href="#">2016 (Marine plants &amp; algae)</a><br><a href="#">2020/Fall - Rec to Renew</a><br><a href="#">08/03/2021 86 FR 41699</a><br>TR due early October 2024. TR sent to CS 10.3.24. Suff due 12.2.24. TR found sufficient 11.19.24. | <a href="#">7.15.25</a> | " "               |
| <a href="#">Lignin sulfonate</a>                                                                     | 205.601(j)(4) | LP -><br>NL | N                | Sunset date:<br>03/15/2027<br>TAP: <a href="#">1995</a><br>TR: <a href="#">2011</a><br>TR: <a href="#">2020 (Lignins)</a><br><a href="#">2020/Fall - Rec to Renew</a><br><a href="#">08/03/2021 86 FR 41699</a>                                                                                                                        | <a href="#">6.3.25</a>  | " "               |
| <a href="#">Fatty alcohols (C<sub>6</sub>, C<sub>8</sub>, C<sub>10</sub>, and/or C<sub>12</sub>)</a> | 205.601(k)(2) | BC          | N                | Sunset date:<br>04/22/2027<br>TR: <a href="#">2016 (C<sub>8</sub>, C<sub>10</sub>)</a><br><a href="#">2019/Fall - Rec to ADD</a><br><a href="#">03/23/2022 87 FR 16371</a>                                                                                                                                                             | <a href="#">7.29.25</a> | " "               |
| <a href="#">Sodium silicate</a>                                                                      | 205.601(l)    | NL          | Y Lmt'd<br>Scope | Sunset date:<br>03/15/2027<br>TAP: <a href="#">1996</a><br>TR: <a href="#">2011</a><br><a href="#">2020/Fall - Rec to Renew</a><br><a href="#">08/03/2021 86 FR 41699</a><br>TR due late Nov 2024. Tr sent to CS 12.18.24. Sufficiency due 2.16.25. TR found sufficient 1.7.25.                                                        | <a href="#">7.15.25</a> | " "               |

| Substance                                                                                                                                                                                       | National List | Contact        | TR Request? | Notes*                                                                                                                                                                                                                                                                                                                                                 | Scheduled/<br>status | Target<br>meeting |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| <a href="#">EPA List 4 Inerts</a>                                                                                                                                                               | 205.601(m)(1) | BC/NL          | N           | Sunset date:<br>03/15/2027<br>TR: <a href="#">2015 (Nonylphenol ethoxylates)</a><br><a href="#">2020/Fall - Rec to Renew</a><br><a href="#">08/03/2021 86 FR 41699</a>                                                                                                                                                                                 | 6.3.25               | " "               |
| <a href="#">Paper –</a><br>(o) Production aids.<br>(2) Paper-based crop planting aids as defined in <a href="#">§ 205.2</a> .<br>Virgin or recycled paper without glossy paper or colored inks. | 205.601(o)(2) | LP -><br>NL/CP | N           | Sunset date:<br>12/14/2027<br>TAP: <a href="#">1995 (Newspaper, recycled paper)</a><br>TR: <a href="#">2006 (Newspaper, recycled paper)</a><br>TR: <a href="#">2017 (Newspaper, recycled paper)</a><br>TR: <a href="#">2019 (Paper-based crop planting aids)</a><br><a href="#">2021/Spring - Rec to ADD</a><br><a href="#">11/14/2022 87 FR 68021</a> | 8.5.25<br>8.19.25    | " "               |
| <a href="#">Arsenic</a>                                                                                                                                                                         | 205.602(b)    | CP             | N           | Sunset date:<br>03/15/2027<br>TR: NA<br><a href="#">2020/Fall - Rec to</a>                                                                                                                                                                                                                                                                             | 6.3.25               | " "               |
| <a href="#">Strychnine</a>                                                                                                                                                                      | 205.602(i)    | AF             | N           | Sunset date:<br>03/15/2027<br>TR: NA<br><a href="#">2020/Fall - Rec to Renew</a><br><a href="#">08/03/2021 86 FR 41699</a>                                                                                                                                                                                                                             | 6.3.25               | " "               |

#### Fall 2025 Milestones

| Fall 2025 Milestones                        | Target dates (tentative) | Weeks PTM<br>(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                               |

|                                              |                   |               |
|----------------------------------------------|-------------------|---------------|
| Rescheduled public comment closes            | Dec 30, 2025      | 2             |
| Rescheduled Fall 2025 NOSB meeting - Virtual | Jan 13 & 14, 2026 | 0             |
| Final recommendations due                    | Feb 13, 2026      | ~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/<br>status        | Target<br>meeting                            |
|-------------------------------------------------------------------------------------------------|--------------------|---------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|
| Chlorine<br>Materials:<br><a href="#">Calcium hypochlorite</a>                                  | 205.601(a)(2)(i)   | LP ->   | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br><a href="#">TR Suff due 2.7.26</a>                                                                                        | 3.18.25<br>4.1.25<br>2.3.26 | Summary:<br>Spr 2026<br>Review:<br>Fall 2026 |
| Chlorine<br>Materials:<br><a href="#">Chlorine dioxide</a>                                      | 205.601(a)(2)(ii)  | LP ->   | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br><a href="#">2006 TR</a><br><a href="#">1995 TR</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br><a href="#">TR Suff due 2.7.26</a>                                                                                                                                   | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Hypochlorous acid - generated from electrolyzed water</a> | 205.601(a)(2)(iii) | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2015 TR</a> (Handling)<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br><a href="#">04/2016 recommendation to add</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br><a href="#">TR Suff due 2.7.26</a> | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |
| Chlorine<br>Materials:<br><a href="#">Sodium hypochlorite</a>                                   | 205.601(a)(2)(v)   | FQ      | Y - Lmt'd<br>Scope | Sunset date: 5/29/2028<br><a href="#">2011 TR</a><br>(Chlorine/Bleach)<br><a href="#">2006 TR</a><br>(Chlorine/Bleach)<br><a href="#">1995 TAP</a><br>Draft TR due Nov 2025.<br>TR sent to CS 12.10.25.<br><a href="#">TR Suff due 2.7.26</a>                                                                                        | 3.18.25<br>4.1.25<br>2.3.26 | " "                                          |

| Substance                         | National List                       | Contact | TR Request? | Notes*                                                                                                                                                                         | Scheduled/<br>status                   | Target<br>meeting |
|-----------------------------------|-------------------------------------|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|
| <a href="#">Copper sulfate</a>    | 205.601(a)(3),<br>and 205.601(e)(4) | BC      | N           | Sunset date: 5/29/2028<br><a href="#">2011 TR</a> (copper sulfate<br>and other copper<br>products)<br><a href="#">2022 TR</a> (copper<br>products)<br><a href="#">2001 TAP</a> | 3.18.25<br>4.1.25<br>12.2.25           | " "               |
| <a href="#">Ozone gas</a>         | 205.601(a)(5)                       | AF/LP   | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2002 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>1.20.26           | " "               |
| <a href="#">Peracetic acid</a>    | 205.601(a)(6),<br>and 205.601(i)(8) | CP      | N           | Sunset date: 5/29/2028<br><a href="#">2016 TR</a><br><a href="#">2000 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>12.2.25<br>2.3.26 | " "               |
| <a href="#">Magnesium oxide</a>   | 205.601(j)(5)                       | ADB     | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a>                                                                                                                              | 3.18.25<br>4.1.25<br>12.2.25           | " "               |
| <a href="#">EPA List 3 Inerts</a> | 205.601(m)(2)                       | NL      | N           | Sunset date: 5/29/2028<br>TR: N/A<br><a href="#">6/2023 NOP Memo</a><br>(requesting review of<br>inert ingredients in<br>pesticide products).                                  | 3.18.25<br>4.1.25<br>1.20.26           | " "               |
| <a href="#">Calcium chloride</a>  | 205.602(c)                          | CP/NL   | N           | Sunset date: 5/29/2028<br><a href="#">2021 TR</a><br><a href="#">2001 TAP</a>                                                                                                  | 3.18.25<br>4.1.25<br>2.3.26            | " "               |
| <a href="#">Rotenone</a>          | 205.602(f)                          | AF      | N           | Sunset date: 5/29/2028<br>TR: N/A                                                                                                                                              | 3.18.25<br>4.1.25<br>1.20.26           | " "               |