

National Organic Standards Board (NOSB) Recommendations

Summary of Status

Status	Practice Standards	National List	Sunsets	Total
In Process	12	12	1	25
On Hold	12	1	0	13
Closed	6	12	7	25
Complete	198	314	146	658
Total Recommendations	228	339	154	721
Percent Complete	87%	93%	95%	91%

Status: Organized across four categories; In Process, On Hold, Closed, and Complete:

In Process: The NOSB has finished its review, and the NOP is implementing the recommendation.

On Hold: The NOP is not currently implementing the NOSB recommendation. The NOP may revisit the NOSB recommendation in the future.

Closed: The NOP resolved the NOSB recommendation through alternative means, has determined that it cannot currently implement the recommendation, or has no further plans to implement the recommendation.

Complete: The NOP completed the actions recommended by the NOSB.

NOSB Practice Standards Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
1994	06/04/1994	Small Farmer Exemption	Rulemaking	Complete	§205.101(a).
1994	06/04/1994	Allowance for a Split Operation	Rulemaking	Complete	
1994	06/04/1994	Requirements for Handler Certification - Handler Definitions	Rulemaking	Complete	
1994	06/04/1994	Accreditation of Organic Certification Organizations	Rulemaking	Complete	
1994	06/04/1994	Organic Handling Plan	Rulemaking	Complete	
1994	06/04/1994	Residue Testing	Guidance	Complete	NOP 2610 (Sampling Procedures for Residue Testing), NOP 2611 (Laboratory Selection Criteria for Pesticide Residue Testing), NOP 2611-1 (Prohibited Pesticides for NOP Residue Testing), NOP 2613 (Responding to Results from Pesticide Residue Testing), NOP 2613-1 (Responding to Results from Pesticide Residue Testing), Notice to Certifying Agents.
1994	06/04/1994	Botanical Pesticides	Rulemaking	Complete	
1994	06/04/1994	Planting Stock Policies	Guidance	Complete	NOP 5029 (Seeds, Annual Seedlings, and Planting Stock in Organic Crop Production).
1994	06/04/1994	Definitions	Rulemaking	Complete	§205.5.
1994	06/04/1994	Importation of Organic Products	Rulemaking	Complete	§205.500 Information on International Trade, www.ams.usda.gov/services/organic-certification/international-trade .
1994	06/04/1994	Definitions	Rulemaking	Complete	
1994	06/04/1994	General Organic Labeling Standards	Guidance	Complete	NOP 5032 (Products in the “Made with Organic ****” Labeling Category), NOP 5032-1 (“Made With” Organic Labeling Examples).
1994	06/04/1994	Response to NOP Livestock Issue Papers #1 and #2	Rulemaking	Complete	
1994	06/04/1994	Definitions: Ingredient and Processing Aid	Rulemaking	Complete	
1994	06/04/1994	Livestock Sources	Rulemaking	Complete	
1994	06/04/1994	Livestock Feed Standard	Rulemaking	Complete	
1994	06/04/1994	Livestock Healthcare, Record-Keeping, and Transportation Practices	Rulemaking	Complete	
1994	06/04/1994	Use of Antibiotics in Livestock Production	Rulemaking	Complete	
1994	06/04/1994	Use of Parasiticides in Livestock Production	Rulemaking	Complete	
1994	06/04/1994	Pesticides and Fertilizer Drift	Rulemaking	Complete	§205.670-671.
1994	10/14/1994	Changes to General Organic Labeling Standards	Guidance	Complete	NOP 5032 (Products in the “Made with Organic ****” Labeling Category), NOP 5032-1 (“Made With” Organic Labeling Examples).
1995	04/25/1995	Organic Handler Certification Phase-In	Rulemaking	Complete	

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1995	04/25/1995	Good Manufacturing Practices	Rulemaking	Complete	§205.105(f). National Organic Program Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
1995	04/25/1995	Organic Handling Plan - additions	Rulemaking	Complete	
1995	04/25/1995	Commercial Non-Availability	Guidance	Complete	NOP 5029 (Seeds, Annual Seedlings, and Planting Stock in Organic Crop Production).
1995	04/25/1995	Standards for Greenhouses	Rulemaking	Complete	Regulations for crop production apply to greenhouses.
1995	04/25/1995	Changes to General Organic Labeling Standards - Line 85	Rulemaking	Complete	Organic Labeling Standards, Part §205, Subpart D.
1995	04/25/1995	Livestock Healthcare Practices - Insertions	Rulemaking	Complete	
1995	10/31/1995	Requirements for Handler Certification - Changes/Clarifications	Rulemaking	Complete	
1995	10/31/1995	Incidental Food Additives	Rulemaking	Complete	
1995	10/31/1995	Changes to General Organic Labeling Standards - Line 44 & 86	Rulemaking	Complete	Organic Labeling Standards, Part §205, Subpart D.
1995	10/31/1995	Methods of Oil Extraction	Rulemaking	Complete	§205.270(c).
1995	10/31/1995	Nutrient Supplementation	Rulemaking	Complete	
1995	10/31/1995	Livestock Production Standards - Deletions	Rulemaking	Complete	
1995	10/31/1995	Synthetic Vitamins and Minerals in Feed (TAP Review)	Rulemaking	Complete	
1995	10/31/1995	Inoculants and Vaccines (TAP Review)	Rulemaking	Complete	
1995	10/31/1995	Antibiotics and Parasitocides (TAP Review)	Rulemaking	Complete	
1995	10/31/1995	Inoculants and Vaccines (Addendum 21)	Rulemaking	Complete	
1995	10/31/1995	Antibiotics in Egg Production	Rulemaking	Complete	
1995	10/31/1995	Parasitocides in Egg Production	Rulemaking	Complete	
1995	10/31/1995	Addendum 13: Nutrient Supplementation	Rulemaking	Complete	
1995	11/01/1995	Arsenate Treated Lumber	Rulemaking	Complete	Classified as synthetic. §205.206(f). National Organic Program Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
1995	11/01/1995	Emergency Spray Exceptions	Rulemaking	Complete	
1995	11/01/1995	Banana Planting Policies	Guidance	Complete	§205.204. NOP 5029 (Seeds, Annual Seedlings, and Planting Stock in Organic Crop Production).
1996	09/20/1996	Labeling of Clothing Made with Organic Cotton	Policy Memo	Complete	PM 11-14 (Labeling of Textiles That Contain Organic Ingredients).

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1998	03/20/1998	Biotechnology Policy	Rulemaking	Complete	
1998	03/20/1998	International Equivalency Recommendations	Guidance	Complete	§205.500 Information on International Trade, www.ams.usda.gov/services/organic-certification/international-trade .
1998	03/20/1998	Livestock Standards - Reaffirmation	Rulemaking	Complete	
1998	06/10/1998	Termination of Certification by Private Certifiers	Rulemaking	Complete	
1998	07/23/1998	Processing Interdisciplinary Committee Proposals (1-5)	Rulemaking	Complete	
1998	10/31/1998	Fumigation Proposals	Guidance	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023). See §205.273 and SOE preamble discussion on Imports to the United States (88 FR 3548 begins on p. 3563).
1999	02/10/1999	Termination of Certification	Rulemaking	Complete	
1999	02/10/1999	Criteria for Use of Synthetics in Processing	Rulemaking	Complete	
1999	02/11/1999	Exceptions to Confinement Requirements	Rulemaking	Complete	
1999	06/10/1999	Maintaining Organic Integrity	Rulemaking	Complete	
1999	06/10/1999	Prohibition of Growth Stimulants	Rulemaking	Complete	
1999	06/10/1999	Organic Aquaculture (Recommendation to Convene a National Conference)	Recommendation	Complete	Recommendation adopted.
1999	10/31/1999	Certification of Retailers	Rulemaking	Complete	
2001	06/07/2001	Technical Corrections to the Final Rule	Rulemaking	Complete	
2001	06/07/2001	Policy for National List Updates	Rulemaking	Complete	
2001	06/07/2001	Peer Review Panel Recommendation	Rulemaking	Complete	
2001	09/15/2001	Apiculture Standards	Rulemaking	On Hold	Listed as Long-Term Action on Unified Regulatory Agenda. Timeline for Proposed Rule not yet set.
2001	10/01/2001	Calculating Percent of Organic Ingredients	Rulemaking, Policy Memo	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023). See §205.302 and SOE preamble (88 FR 3548 begins on p. 3600) and OILC Course NOP-210 Keep it Organic When Handling and Processing.
2001	10/01/2001	Subpart D Changes - Private Labeling	Policy Memo	Complete	PM 11-7 (Retained Memo: "Private Label Certification, AMENDED").
2001	10/17/2001	Aquatic Animal Task Force Recommendations	Rulemaking	Complete	NOSB recommended against certification of wild aquatic animals, and for NOSB inclusion in task force on aquaculture.
2001	10/17/2001	Removing Handlers from the \$5000 exemption	Rulemaking	Complete	Recommendation not implemented - Handlers not removed.
2001	10/17/2001	Mushroom Practice Standard	Rulemaking	Complete	Market Development (MDR) Final Rule (89 FR 104367, 12/23/2024; 90 FR 9187, 02/10/2025). Rescission Proposed Rule (90 FR 20133, 05/12/2025).

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2002	05/01/2002	Guidance on Transitional Products	Recommendation	Closed	Recommendation not adopted. NOP determined lack of authority per OFPA.
2002	05/08/2002	Clarification on Poultry Access to Outdoors	Rulemaking	Complete	Organic Livestock and Poultry Standards (OLPS) Final Rule (88 FR 75394, 11/02/2023). Organic Integrity Learning Center course NOP-360 (08/22/2024).
2002	10/20/2002	Criteria for Certification of Grower Groups	Policy Memo, Guidance	Complete	PM 11-10 (Certification of Grower Groups), NOP 2005-3 (Certification File Review Checklist – Supplement for Grower Groups), NOP 2005-5 (Witness Audit Checklist for Grower Group), Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2003	04/29/2003	Origin of Livestock (OOL)	Rulemaking	Complete	Origin of Livestock (OOL) Final Rule (87 FR 19740, 04/05/2022).
2003	04/30/2003	Clarification of Chlorine Contact with Organic Food	Guidance	Complete	NOP 5026 (The Use of Chlorine Materials in Organic Production and Handling).
2004	04/29/2004	Commercial Availability §205.606	Recommendation	Complete	Recommendation not adopted, due to 2005 regulation change (Harvey lawsuit) for §205.606.
2005	03/02/2005	Revision of Natural Resource Sections of Recommended Organic Farm Plan	Guidance	Complete	NOP 5020 (Natural Resources and Biodiversity Conservation).
2005	03/18/2005	Recommendation to Standardize Organic Certification Certificate	Guidance	Complete	NOP 2603 (Organic Certificates), Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2005	03/18/2005	Guidance on Proteinated and Chelated Mineral Complexes in Feed Additives	Guidance	Complete	NOP 5030 (Evaluating Allowed Ingredients and Sources of Vitamins and Minerals For Organic Livestock Feed).
2005	03/18/2005	"Made With" products cannot contain nonorganic and organic form of same ingredient	Guidance	Complete	NOP 5032 (Products in the “Made with Organic ****” Labeling Category).
2005	03/18/2005	Rule Change: Pasture Requirements	Rulemaking	Complete	Access to Pasture Final Rule (75 FR 7154, 02/17/2010).
2005	03/18/2005	Rule Change: "Stage of Production" to read "Stage of Life"	Rulemaking	Complete	Access to Pasture Final Rule (75 FR 7154, 02/17/2010).
2005	03/18/2005	NOSB Policy & Procedures Manual (PPM) Updates: Material Review Process	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2005	03/18/2005	National List Sunset Review Process	Recommendation	Complete	Recommendation adopted. Initiation of sunset review process.
2005	03/18/2005	Recommendation for Guidance - Pasture Requirements	Guidance	Complete	Access to Pasture Final Rule (75 FR 7154, 02/17/2010). Notice 10-1 (Accredited Certifying Agent Inspection Authority). Recordkeeping guides, templates, and other resources made available at www.ams.usda.gov/services/organic-certification/organic-records .
2005	08/17/2005	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2005	08/17/2005	Restructure National List to Follow OFPA Categories	Recommendation	Complete	Recommendation adopted.
2005	08/17/2005	Guidance on NOP Pasture Requirements	Guidance	Complete	Access to Pasture Final Rule (75 FR 7154, 02/17/2010). Notice 10-1 (Accredited Certifying Agent Inspection Authority). Recordkeeping guides, templates, and other resources made available at www.ams.usda.gov/services/organic-certification/organic-records .
2005	08/17/2005	Listing of Certifying Agent's Name on Packaged Product	Recommendation	Complete	Recommendation adopted.
2005	08/17/2005	Commercial Availability of Organic Seed	Guidance	Complete	NOP 5029 (Seeds, Annual Seedlings, and Planting Stock in Organic Crop Production).

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2005	08/17/2005	ANSI Audit of NOP Accreditation	Recommendation	Complete	Recommendation adopted. NOP responded to audit.
2005	08/17/2005	Modification to Organic System Plan to Address Natural Resources	Guidance	Complete	NOP 5020 (Natural Resources and Biodiversity Conservation).
2005	08/17/2005	Guidance for Review of Synthetic and Nonsynthetic Substances	Guidance	Complete	NOP 5033 (Classification of Materials).
2006	05/22/2006	Commercial Availability Criteria (Handling)	Recommendation	Complete	Petition guidelines available at www.ams.usda.gov/rules-regulations/organic/national-list/filing-petition .
2006	06/10/2006	Recommendation on Aquaculture Working Group Interim Final Report	Rulemaking	Complete	
2006	11/09/2006	Guidance on Use of Compost, Vermicompost, Processed Manure, and Compost Teas	Guidance	Complete	NOP 5021 (Compost and Vermicompost in Organic Crop Production).
2006	11/10/2006	Guidance: Listing of Certifying Agent's Name on Packaged Products	Policy Memo	Complete	PM 12-2 (Placement of "Certified Organic By ***" Statement).
2006	11/11/2006	Use of Expiration Dates on Certificates of Organic Operations	Rulemaking	Complete	NOP 2603 (Organic Certificates).
2006	11/12/2006	Recommendation on Commercial Availability Criteria for 606 in Handling, revised	Recommendation	Complete	NOSB Policy & Procedures Manual (PPM) updated. Petition guidelines available at www.ams.usda.gov/rules-regulations/organic/national-list/filing-petition .
2007	03/29/2007	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2007	03/29/2007	Revisions to NOSB Policy & Procedures Manual (PPM) Sunset Review Annotations	Recommendation	Complete	Recommendation adopted.
2007	03/29/2007	NOSB New Member Guide Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB New Member Guide updated.
2007	03/29/2007	Cloning Recommendation	Policy Memo	Complete	PM 11-11 (Retained Memos: NOP Statements on Cloning and Organic Livestock Production).
2007	03/29/2007	Aquaculture	Rulemaking	On Hold	Listed as Long-Term Action on Unified Regulatory Agenda. Timeline for Proposed Rule not yet set.
2007	11/30/2007	Further Guidance regarding the establishment of Commercial Availability Criteria for Agricultural Ingredients	Recommendation	Complete	NOSB Policy & Procedures Manual (PPM) updated. Petition guidelines available at www.ams.usda.gov/rules-regulations/organic/national-list/filing-petition .
2007	11/30/2007	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2007	11/30/2007	NOSB New Member Guide Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB New Member Guide updated.
2007	11/30/2007	Final Recommendation to Receive the Interim Final Report on Bivalves and Molluscs	Recommendation	Complete	Recommendation adopted.
2007	11/30/2007	Guidance on Temporary Variance for Research	Guidance	Complete	NOP 2606 (Temporary Variances).
2007	11/30/2007	Final Recommendation on Guidance for Certification of Operations Participating in Crop Production Research	Recommendation	Closed	Recommendation not adopted. Research farms may be certified.
2007	11/30/2007	Standardized Certificates	Guidance	Complete	NOP 2603 (Organic Certificates).
2008	05/22/2008	Farmed Aquatic Plants in Organic Agriculture	Policy Memo	Complete	PM 12-1 (Production and Certification of Aquatic Plants).

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2008	05/22/2008	NOSB Policy & Procedures Manual (PPM) Updates: Sections I and VIII	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2008	05/22/2008	NOSB New Member Guide Updates: Revisions to Chapter 5	Recommendation	Complete	Recommendation adopted. NOSB New Member Guide updated.
2008	11/19/2008	Aquaculture – Net Pens and Related Issues	Rulemaking	On Hold	Listed as Long-Term Action on Unified Regulatory Agenda. Timeline for Proposed Rule not yet set.
2008	11/19/2008	Aquaculture – Fish Oil and Fish Meal & Related Issues	Rulemaking	On Hold	Listed as Long-Term Action on Unified Regulatory Agenda. Timeline for Proposed Rule not yet set.
2008	11/19/2008	Certifying Operations with Multiple Production Units, Sites, and Facilities	Policy Memo, Guidance	Complete	PM 11-10 (Certification of Grower Groups), NOP 2005-3 (Certification File Review Checklist – Supplement for Grower Groups), NOP 2005-5 (Witness Audit Checklist for Grower Group), Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2008	11/19/2008	NOSB Policy & Procedures Manual (PPM) Updates: Procedures for Handling Technical Reviews	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2008	11/19/2008	NOSB New Member Guide Updates: Revisions to Training	Recommendation	Complete	Recommendation adopted. NOSB New Member Guide updated.
2008	11/19/2008	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2008	11/19/2008	Commercial Availability of Organic Seeds	Guidance	Complete	NOP 5029 (Seeds, Annual Seedlings, and Planting Stock in Organic Crop Production).
2008	11/19/2008	Pet Food	Rulemaking	Complete	Market Development (MDR) Final Rule (89 FR 104367, 12/23/2024; 90 FR 9187, 02/10/2025). Rescission Proposed Rule (90 FR 20133, 05/12/2025).
2009	05/06/2009	NOSB Policy & Procedures Manual (PPM) Updates: Revisions to Section IV	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2009	05/06/2009	NOSB Policy & Procedures Manual (PPM) Updates: Revisions to Section III	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2009	05/06/2009	NOSB Policy & Procedures Manual (PPM) Updates: Revisions to Priority of Petitions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2009	05/06/2009	Final NMG Acronyms and E-Bulletin Board Update	Recommendation	Complete	Recommendation adopted.
2009	05/06/2009	Biodiversity Conservation	Guidance	Complete	NOP 5020 (Natural Resources and Biodiversity Conservation).
2009	07/10/2009	Further Guidance on a Peer review System	Recommendation	Complete	Recommendation adopted. NOP memo to NOSB: National Organic Program Accreditation Peer Review Process (Nov 2014).
2009	11/05/2009	Animal Welfare	Rulemaking	Complete	Organic Livestock and Poultry Standards (OLPS) Final Rule (88 FR 75394, 11/02/2023). Organic Integrity Learning Center course NOP-360 (08/22/2024).
2009	11/05/2009	Vaccines	Recommendation	Complete	Recommendation adopted. NOP response to NOSB Nov 2009 meeting recommendations.
2009	11/05/2009	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2009	11/05/2009	Peracetic Acid (annotation change)	Recommendation	Complete	Recommendation adopted. §205.601.
2009	11/05/2009	Clarification of Voluntary Retail Certification	Guidance	Complete	Factsheet: Do I need to be Certified Organic?
2009	11/05/2009	Classification of Materials	Guidance	Complete	NOP 5033 (Classification of Materials).

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2009	11/05/2009	Molluscan Shellfish (Bivalves)	Rulemaking	On Hold	Listed as Long-Term Action on Unified Regulatory Agenda. Timeline for Proposed Rule not yet set.
2009	12/10/2009	Organic Personal Care/Cosmetics	Policy Memo	Complete	PM 11-2 (Retained Memo: "Certification of agricultural products that meet NOP standards"). Factsheet: Personal Care Products.
2010	04/29/2010	Production Standards for Terrestrial Plants in Containers and Enclosures (Greenhouses)	Rulemaking	On Hold	NOP is determining next steps.
2010	04/29/2010	Final Recommendation on 2-Tiered Voting Approach for Materials Petitioned to the National List	Recommendation	Complete	Recommendation adopted. NOSB voting procedure has been standardized.
2010	04/29/2010	Guidelines for the use of Inert Atmospheric Gases	Recommendation	Complete	Recommendation not adopted. NOP response to NOSB Apr 2010 meeting recommendations.
2010	04/29/2010	Clarification of §205.238(c)(1)	Rulemaking	Complete	Add clarifying sentence on §205.238(c)(1) regarding milk from animals undergoing treatment.
2010	05/24/2010	Classification of Materials	Guidance	Complete	NOP 5033 (Classification of Materials).
2010	10/28/2010	NOSB New Member Guide Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB New Member Guide updated.
2010	10/28/2010	NOSB Policy & Procedures Manual (PPM) Updates: Section VII (Sunset Review Process)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2010	10/28/2010	NOSB Policy & Procedures Manual (PPM) Updates: Section V (NOSB/NOP Collaboration Process addition)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2010	10/28/2010	NOSB Policy & Procedures Manual (PPM) Updates: Section IV (Establishing Ad Hoc Committees addition)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2010	10/28/2010	Engineered Nanomaterials in Organic Production, Processing and Packaging	Policy Memo	Complete	PM 15-2 (Nanotechnology).
2010	10/28/2010	Clarification of §205.238(c)(2)	Recommendation	Complete	Organic Livestock and Poultry Standards (OLPS) Final Rule (88 FR 75394, 11/02/2023). Organic Integrity Learning Center course NOP-360 (08/22/2024).
2010	10/28/2010	Clarifying the Limitations of §205.101	Guidance	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023). See §205.101 exemptions from certification, §205.2 definition of handling, and SOE preamble discussion of applicability and exemptions (88 FR 3548 begins on p. 3553).
2010	10/28/2010	Apiculture	Rulemaking	On Hold	Listed as Long-Term Action on Unified Regulatory Agenda. Timeline for Proposed Rule not yet set.
2011	04/29/2011	NOSB Policy & Procedures Manual (PPM) Updates: Section II (NOSB Vice Chair) and Section IV (Policy Development Committee)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2011	04/29/2011	NOSB Policy & Procedures Manual (PPM) Updates: Section V (Procedures for Completing Committee Recommendations)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2011	04/29/2011	Classification of Materials	Guidance	Complete	NOP 5033 (Classification of Materials).
2011	12/02/2011	Animal Welfare and Stocking Rates	Rulemaking	Complete	Organic Livestock and Poultry Standards (OLPS) Final Rule (88 FR 75394, 11/02/2023). Organic Integrity Learning Center course NOP-360 (08/22/2024).
2011	12/02/2011	Animal Handling and Transport to Slaughter	Rulemaking	Complete	Organic Livestock and Poultry Standards (OLPS) Final Rule (88 FR 75394, 11/02/2023). Organic Integrity Learning Center course NOP-360 (08/22/2024).
2011	12/02/2011	NOSB Policy & Procedures Manual (PPM) Updates: Section V (NOSB Member and Leadership Transition)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2011	12/02/2011	NOSB Policy & Procedures Manual (PPM) Updates: Section I (NOSB Committee Transparency)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.

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2011	12/02/2011	NOSB Policy & Procedures Manual (PPM) Updates: Section IV (NOSB Administrative Team)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2011	12/02/2011	Unannounced Inspections-Guidance	Guidance	Complete	NOP 2609 (Unannounced Inspections), Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2011	12/02/2011	Evaluation of Material Review Organizations-Guidance	Policy Memo	Complete	NOP 3012 (Material Review). Memo recognizing California Department of Food & Agriculture (CDFA) as a Material Review Organization (MRO) (12/14/2015).
2011	12/02/2011	Inspector Qualifications-Guidance	Rulemaking	Complete	NOP 2027 (Personnel Performance Evaluations), Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2012	05/22/2012	Evaluation of Materials Review Organizations	Guidance	Complete	NOP 5033 (Classification of Materials), NOP 5034 (Materials for Organic Crop Production).
2012	05/23/2012	2012 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2012	05/25/2012	GMO Vaccine information request	Recommendation	Closed	Recommendation not adopted. NOP established a working group which provided information to NOSB.
2012	10/16/2012	2012 NOSB Research Priorities	Recommendation	Complete	Recommendation adopted.
2012	10/16/2012	Policy and Procedure on reviewing other "Inert" Ingredients in Pesticide Formulations	Rulemaking	Complete	NOP initiated an Inerts Working Group to address this issue. This recommendation was superseded by the Oct 2015 EPA List 4 National List recommendation.
2012	10/17/2012	NOSB Policy & Procedures Manual (PPM) Updates: Section V (Procedures for Completing Committee Recommendations)	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2013	04/10/2013	NOSB New Member Guide Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB New Member Guide updated.
2013	04/10/2013	Public Communications with the NOSB	Recommendation	Complete	Recommendation adopted. Comment docket will open early before each NOSB meeting.
2013	04/11/2013	Ancillary Substances Review (Other Ingredients)	Recommendation	Complete	Recommendation adopted. NOP response to NOSB Apr 2013 meeting recommendations.
2013	04/11/2013	Calculating Percentage Organic in Multi-Ingredient Products	Guidance	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023). See §205.302, SOE preamble ("Calculating Percentage of Organic Ingredients" on pg. 3600), and Organic Integrity Learning Center course Keep it Organic When Handling and Processing (NOP-210).
2014	05/02/2014	2013 NOSB Research Priorities (<i>delayed due to federal government shutdown in Fall 2013</i>)	Recommendation	Complete	Recommendation adopted. NOP response to NOSB Apr 2013 meeting recommendations.
2014	05/02/2014	Confidential Business Information in Petitions	Recommendation	Complete	Petition guidelines available at www.ams.usda.gov/rules-regulations/organic/national-list/filing-petition .
2014	05/02/2014	Update of the Petition and Technical Review Process	Recommendation	Complete	Petition guidelines available at www.ams.usda.gov/rules-regulations/organic/national-list/filing-petition .
2014	05/02/2014	Retail Compliance and Certification	Rulemaking	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2014	10/30/2014	Livestock Vaccines Made With Excluded Methods	Guidance	Complete	NOP response to NOSB Oct 2014 meeting recommendations: NOP suggests that vaccines produced from excluded methods be considered on a case by case basis, using the petition process.
2014	10/30/2014	2014 NOSB Research Priorities	Recommendation	Complete	Recommendation adopted. NOP response to NOSB Apr 2014 meeting recommendations.
2015	04/30/2015	NOP Accreditation Peer Review Process	Guidance	Complete	NOP 1031 [Peer Review of National Organic Program (NOP) Accreditation].

NOSB Practice Standards Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2015	10/29/2015	2015 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2015	10/29/2015	Prevention Strategy Guidance for Excluded Methods	Guidance	In Process	NOP evaluating best mechanism for advancing recommendation.
2016	04/27/2016	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2016	11/18/2016	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2016	11/18/2016	2016 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2016	11/18/2016	Sunset efficient workload reorganization	Recommendation	Complete	Recommendation adopted. Implemented in Fall 2016.
2016	11/18/2016	Report to the Secretary on progress to prevent GMO incursion into organic	Recommendation	Complete	Recommendation adopted. Forwarded to the Secretary's office.
2016	11/18/2016	NOSB resolution on hydroponics	Resolution	Complete	Resolution acknowledged.
2016	11/18/2016	Excluded Methods Terminology	Recommendation	In Process	NOP evaluating best mechanism for advancing recommendation.
2017	04/21/2017	NOSB resolution on implementation of Organic Livestock and Poultry Practices (OLPP)	Resolution	Complete	Resolution acknowledged.
2017	11/02/2017	Excluded operations in the supply chain (uncertified handlers)	Rulemaking	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2017	11/02/2017	2017 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2017	11/02/2017	Excluded Methods Terminology	Recommendation	In Process	NOP evaluating best mechanism for advancing recommendation.
2017	11/02/2017	Aeroponics production systems prohibited from organic certification	Recommendation	On Hold	
2018	04/27/2018	Eliminating the incentive to convert native ecosystems to organic crop production	Recommendation	Closed	Not on Unified Regulatory Agenda. NOP has concerns regarding statutory authority and economic impact and does not plan to move recommendation forward in its current form.
2018	04/27/2018	Inspector qualifications	Rulemaking	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2018	10/26/2018	Developing Criteria for Risk-Based Accreditation Oversight	Resolution	Complete	NOP established a plan for implementing risk-based audit and accreditation program for overseeing certifiers, by finalizing risk-assessment tool for determining certifier risk levels and developing approach to using the risk-assessment results.
2018	10/26/2018	Strengthening the organic seed guidance (amend §205.204)	Rulemaking	In Process	Organic Seed Search (NOP-130) course added to the Organic Integrity Learning Center. NOP is exploring further options.
2018	10/26/2018	2018 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2018	10/26/2018	Training and Oversight of Inspector and Certification Review Personnel	Rulemaking	Complete	Strengthening Organic Enforcement (SOE) Final Rule (88 FR 3548, 01/19/2023).
2018	10/26/2018	Excluded Methods Determinations	Recommendation	In Process	NOP evaluating best mechanism for advancing recommendation.

NOSB Practice Standards Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2018	10/26/2018	Clarifying “emergency” for use of synthetic parasiticides in organic livestock production	Rulemaking	On Hold	Recommended specific additions to the National List at §205.2 (Definitions) and §205.238(b).
2019	04/26/2019	Strengthening the organic seed guidance (NOP 5029)	Guidance	In Process	Organic Seed Search (NOP-130) course added to the Organic Integrity Learning Center. NOP is exploring further options.
2019	04/26/2019	Excluded Methods Determinations (April 2019)	Recommendation	In Process	NOP evaluating best mechanism for advancing recommendation.
2019	10/25/2019	2019 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's National Institute of Food and Ag (NIFA) program leaders.
2019	10/25/2019	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2019	10/25/2019	Excluded Methods: Induced Mutagenesis and Embryo Transfer in Livestock	Recommendation	On Hold	Recommendation that induced mutagenesis be considered an excluded method and therefore be prohibited in organic production. Additionally, embryo transfer in animals does not qualify as an excluded method and therefore would not be excluded in organic production.
2019	10/25/2019	Genetic Integrity Transparency of Seed Grown on Organic Land	Recommendation	On Hold	
2019	10/25/2019	Excluded Methods: Vaccines in Organic Livestock Production	Rulemaking	On Hold	Recommended amending §205.105(e) to add: (e) Excluded methods, except for vaccines: Provided, That, vaccines produced through excluded methods may be used when an equivalent vaccine not produced through excluded methods is not commercially available.
2020	10/30/2020	Marine Macroalgae in Crop Fertility Inputs	Recommendation	Closed	Technical complexity of marine environments makes rulemaking on these topics problematic. NOP does not currently plan to move this item forward.
2020	10/30/2020	Wild, Native Fish for Liquid Fish Products	Recommendation	Closed	Technical complexity of marine environments makes rulemaking on these topics problematic. NOP does not currently plan to move this item forward.
2020	10/30/2020	2020 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders, and incorporated into the request for Proposals: Organic Transitions.
2021	04/30/2021	Human Capital Management: Strategies for Recruitment and Talent Management - Organic Inspectors and Reviewers	Guidance	Complete	05/03/2021 Organic Insider: Human Capital Capacity Building Initiative - request for proposals. Proposals received and awarded in October 2021.
2021	04/30/2021	NOSB resolution on implementation of Organic Livestock and Poultry Practices (OLPP)	Resolution	Complete	Resolution acknowledged.
2021	10/21/2021	2021 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders, and incorporated into the request for Proposals: Organic Transitions.
2021	10/21/2021	Climate Change Letter to the Secretary	Resolution	Complete	NOP forwarded to the Secretary on behalf of the NOSB.
2022	04/28/2022	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2022	04/28/2022	Excluded Methods Terminology	Guidance	In Process	NOP evaluating best mechanism for advancing recommendation.
2022	10/27/2022	Human Capital Management: NOSB Technical Support	Recommendation	Complete	Recommendation to proceed with an initiative to provide technical support to the NOSB. In 2023, the NOP hired staff to support the NOSB.
2022	10/27/2022	NOP Risk Mitigation Table	Recommendation	Complete	Recommendation that NOP revise the Risk Mitigation Table to include several areas related to the risk of impartiality, incorporate the Risk Mitigation Table (NOP 1009) into their procedures, and clarify several areas in NOP 1009. NOP updated NOP 1009 and quality management procedures based on NOSB recommendation.

NOSB Practice Standards Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2022	10/27/2022	Oversight Improvements To Deter Fraud: Acreage Reporting	Recommendation	Complete	Updates made to the Organic Integrity Database (OID).
2022	10/27/2022	NOSB resolution on implementation of Organic Livestock and Poultry Standards (OLPS)	Resolution	Complete	Resolution acknowledged.
2022	10/27/2022	2022 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders, and incorporated into the request for Proposals: Organic Transitions.
2023	04/27/2023	Organic and Climate-Smart Agriculture - Organic IS climate smart	Recommendation	Complete	Recommendation shared with USDA programs. Climate-Smart Agriculture (NOP-997) microlearning added to the Organic Integrity Learning Center.
2023	10/26/2023	2023 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2023	10/26/2023	Oversight Improvements to Deter Fraud: Consistent Location Identification	Guidance	In Process	NOP is exploring options.
2024	05/01/2024	NOSB Policy & Procedures Manual (PPM) Updates: Revisions	Recommendation	Complete	Recommendation adopted. NOSB Policy & Procedures Manual (PPM) updated.
2024	05/01/2024	Technical Report (TR) Template Updates: Revisions	Recommendation	Complete	Recommendation adopted. Technical Report (TR) template updated.
2024	05/01/2024	Opportunities in Organic - Improving Support for Organic Transition	Recommendation	Complete	NOP is sharing Board recommendations with other agencies and continues to support transitioning farmers through the Transition to Organic Partnership Program (TOPP).
2024	10/24/2024	Compost	Recommendation	In Process	Recommendation to amend definition in §205.2 (Terms Defined) and compost practice standards at §205.203(c)(2). NOP will determine next steps after the Board concludes their compost work agenda item.
2024	10/24/2024	2024 NOSB Research Priorities	Recommendation	Complete	Recommendation shared with USDA's Agricultural Research Service (ARS) and National Institute of Food and Ag (NIFA) program leaders.
2024	10/24/2024	Climate-Induced Farming Risk and Crop Insurance	Recommendation	Complete	Recommendation shared with USDA's Risk Management Agency (RMA) program leaders.
2025	05/01/2025	Compost	Recommendation	In Process	Recommendation that synthetic compost feedstock substances must be evaluated by the NOSB, recommended for addition to the National List by a two-thirds vote of the Board, and added to the National List through the rulemaking process by NOP for compost to be organic compliant. NOP will determine next steps after the Board concludes their compost work agenda item.
2025	05/01/2025	Residue Testing for a Global Supply Chain	Recommendation	In Process	Recommendation to update NOP 2610 (Sample Procedures for Residue Sampling), NOP 2611 (Laboratory Selection Criteria), NOP 2611-1 (Prohibited Pesticides for NOP Residue Testing), NOP 2613 (Responding to Results), and NOP 5012 (Approval of Liquid Fertilizer for Use in Organic Production), and to create new guidance documents. NOP will determine next steps after the Board concludes their residue testing work agenda item.

Type	Total
Total Recommendations	228
Total In Process	12
Total On Hold	12
Total Closed	6
Total Complete	198
Percent Complete	87%

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
1995	04/28/1995	Sodium nitrate	Rulemaking	Complete	Classified as nonsynthetic; recommended for addition to National List §205.602. Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
1995	11/04/1995	Magnesium chloride	Rulemaking	Complete	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605. Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
1995	11/04/1995	Flavors (natural flavors)	Rulemaking	Complete	Classified as nonagricultural, nonsynthetic; recommended for addition to National List §205.605. Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
1997	10/31/1997	SUMMARY OF NOSB Substance recommendations	Rulemaking	Complete	170 substance recommendations voted on between 1994-1996; 170 substances added to the National List. Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
1998	10/31/1998	Synthetic Inert Ingredients Proposals	Rulemaking	Complete	
1999	02/11/1999	Inert ingredients prohibitions (EPA list 4 inerts)	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §§ 205.603(f) and 205.601(m). Final Rule (65 FR 80548, 12/21/2000. 66 FR 15619, 04/21/2001).
2005	03/03/2005	Ferric Phosphate	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601(h). Final Rule (71 FR 53299, 09/11/2006).
2005	03/03/2005	Albumen	Not Recommended	Complete	Not recommended for addition to National List. Recommended that the ingredient, albumen, needs to be petitioned.
2005	03/03/2005	Bitter orange	Not Recommended	Complete	Not recommended for addition to National List. Recommended that the ingredient, bitter orange, needs to be petitioned.
2005	03/03/2005	Calcium carbonate (livestock feed)	Not Recommended	Complete	Recommended that since calcium carbonate is non-agricultural, it does not qualify to carry the term "organic" under the NOP regulations."
2005	03/03/2005	DL-Methionine, dl-methionine-hydroxyl analog, and dl-methionine-hydroxyl analog calcium (CAS #-59-51-8; 63-68-3; 348-67-4)	Rulemaking	Complete	Recommended amending National List §205.603 (extend expiration deadline to 2008). Final Rule (70 FR 61217, 10/21/2005).
2005	03/03/2005	Livestock medications and FDA regulations (activated charcoal; bismuth subsalicylate; butorphanol; calcium borogluconate; calcium propionate; kaolin pectin; magnesium hydroxide; mineral oil; potassium sorbate)	Rulemaking	Complete	Outstanding livestock medications included in Final Rule (83 FR 66559, 12/27/2018).
2005	08/17/2005	Sucrose octanoate esters	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601 and §205.603. Final Rule (72 FR 69569, 12/10/2007).
2005	08/17/2005	Chitosan	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (72 FR 69569, 12/10/2007) clarified this is addressed under §205.601(m) "EPA List 4" listing.
2006	10/19/2006	Sodium lauryl sulfate	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601.
2006	10/19/2006	Lime mud	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601.
2006	10/19/2006	Calcium chloride	Not Recommended	Complete	Not recommended for removal from National List §205.602.
2007	03/29/2007	High-acyl gellan gum	Not Recommended	Complete	Not recommended for addition to National List §205.605(b).
2007	03/29/2007	Color, turmeric extract	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2007	03/29/2007	Color, tomato juice extract	Not Recommended	Complete	Classified as agricultural; not recommended for addition to National List §205.606.
2007	03/29/2007	Color, tomato juice	Not Recommended	Complete	Classified as agricultural; not recommended for addition to National List §205.606.
2007	03/29/2007	Color, saffron extract	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, red radish extract	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, red cabbage extract	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, purple sweet potato juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, pumpkin juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, paprika	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, lycopene	Not Recommended	Complete	Classified as agricultural, not recommended for addition to National List §205.606.
2007	03/29/2007	Color, grape skin extract	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, grape juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, chokeberry, aronia juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, cherry juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, carrot juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, blueberry juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, black/purple carrot juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, black currant juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, beta-carotene	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, beet juice	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Color, annatto extract	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Wakame seaweed	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2007	03/29/2007	Turkish bay leaves	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Rice starch, non-modified	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Lemongrass-frozen	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Inulin-oligofructose enriched	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Hops	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Galangal, frozen	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Fructooligosaccharide	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Peppers (Chipotle chile)	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Chia	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Celery powder	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Casings, from processed intestines	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Whey protein concentrate	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (72 FR 35137, 06/27/2007).
2007	03/29/2007	Fish oil	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606 (stabilized with allowed ingredients). Final Rule (72 FR 35137, 06/27/2007).
2007	11/30/2007	Sodium carbonate peroxyhydrate	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601(a) (algicide). Final Rule (75 FR 77521, 12/13/2010).
2007	11/30/2007	Aqueous potassium silicate (Potassium silicate)	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601(i) (plant disease control). Final Rule (75 FR 77521, 12/13/2010).
2007	11/30/2007	Aqueous potassium silicate (Silicate)	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601(e) (insecticide). Final Rule (75 FR 77521, 12/13/2010).
2007	11/30/2007	High-acyl gellan gum	Rulemaking	Complete	Classified as nonagricultural, nonsynthetic; recommended for addition to National List §205.605(a). Final Rule (75 FR 77521, 12/13/2010).
2008	05/22/2008	Microcrystalline cheesewax	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (77 FR 8089, 02/14/2012).
2008	05/22/2008	Fortified cooking wines - sherry	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (75 FR 77521, 12/13/2010).
2008	05/22/2008	Fortified Cooking wines - marsala	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (75 FR 77521, 12/13/2010).
2008	05/22/2008	Tragacanth gum	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (75 FR 77521, 12/13/2010).

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Year	Date	Substance/Recommendation	Action	Status	Notes
2008	05/22/2008	Seaweed, Pacific kombu	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (77 FR 8089, 02/14/2012).
2008	05/22/2008	Fenbendazole	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603. Final Rule (77 FR 28472, 05/15/2012).
2008	05/22/2008	DL-Methionine, DL-Methionine-hydroxyl analog, and DL-Methionine-hydroxyl analog calcium (CAS #-59-51-8; 63-68-3; 348-67-4)	Rulemaking	Complete	Recommended amending National List §205.603 (extend expiration deadline to 2010). Final Rule (73 FR 54057, 09/18/2008).
2008	11/19/2008	Calcium, seaweed derived	Not Recommended	Complete	Classified as nonagricultural; not recommended for addition to National List §205.605.
2008	11/19/2008	Tetracycline	Rulemaking	Complete	Recommended amending National List §205.601. Final Rule (75 FR 38693, 07/06/2010).
2008	11/19/2008	Orange pulp, dried	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (77 FR 8089, 02/14/2012).
2009	05/06/2009	Sulfurous acid	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (75 FR 38693, 07/06/2010).
2009	05/06/2009	Myrrh (commiphora myrrha) essential oil	Recommendation	Complete	Classified as agricultural; recommended for addition to National List §205.606. NOP Memo to Board on Personal Care products, Dec. 2013.
2009	05/06/2009	Sodium chlorite, acidified	Rulemaking	Complete	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605. Final Rule (77 FR 8089, 02/14/2012).
2009	05/06/2009	Lecithin, unbleached (de-oiled)	Rulemaking	Complete	Recommended amending National List §205.606 ("unbleached" to "de-oiled"). Final Rule (77 FR 8089, 02/14/2012).
2009	05/06/2009	Lecithin, bleached	Rulemaking	Complete	Recommended for removal from National List §205.605(b). NOP-09-02. Final Rule (77 FR 8089) 02/14/2012.
2009	05/06/2009	Injectable trace minerals, vitamins and electrolytes (nutritive supplements)	Rulemaking	Complete	Outstanding livestock medications included in Final Rule (83 FR 66559, 12/27/2018).
2009	11/05/2009	Xylazine	Rulemaking	Complete	Recommended amending National List §205.603 (technical correction). Final Rule (83 FR 66559, 12/27/2018).
2009	11/05/2009	Excipients	Rulemaking	Complete	Recommended amending National List §205.603. Final Rule (83 FR 66559, 12/27/2018).
2009	11/05/2009	Chlorhexidine	Rulemaking	Complete	Recommended amending National List §205.603 (technical correction). Final Rule (83 FR 66559, 12/27/2018).
2010	04/29/2010	DL-methionine, DL-methionine—hydroxy analog, and dL-methionine—hydroxy analog calcium (CAS #-59-51-8; 63-68-3; 348-67-4)	Rulemaking	Complete	Step-down. Recommended amending National List §205.603 (extending expiration to 2012, setting allowed amounts). Interim Rule (75 FR 51919, 08/24/2010). Final Rule (76 FR 13501, 03/14/2011).
2010	04/29/2010	DL-methionine, DL-methionine—hydroxy analog, and DL-methionine—hydroxy analog calcium (CAS #-59-51-8; 63-68-3; 348-67-4)	Rulemaking	Complete	Step-down. Recommended amending National List §205.603 (setting allowed amounts after 2012 expiration date). Final Rule (77 FR 57985, 09/19/2012).
2010	04/29/2010	DL-methionine, DL-methionine—hydroxy analog, and DL-methionine—hydroxy analog calcium (CAS #-59-51-8; 63-68-3; 348-67-4)	Rulemaking	Complete	Recommended amending National List §205.603 (extending expiration to 2015, modifying allowed amounts). Final Rule (77 FR 57985, 09/19/2012).
2010	04/29/2010	Inerts in pesticides allowed for use in organic production (EPA list 3 inerts, EPA list 4 inerts)	Guidance	Complete	NOP 5008 (Reassessed Inert Ingredients). PM 11-6 (Retained Memo: "Reporting Health & Safety Violations").

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2010	10/28/2010	Formic acid	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603. Final Rule (77 FR 45903, 08/02/2012).
2010	10/28/2010	Colors derived from agricultural products	Rulemaking	Complete	Recommended amending National List §205.606 (must not be produced using synthetic solvents, carriers, artificial preservatives). Final Rule (77 FR 33290, 06/06/2012).
2011	04/29/2011	Attapulgate	Rulemaking	Complete	Classified as nonagricultural, nonsynthetic; recommended for addition to National List §205.605. Final Rule (77 FR 45903, 08/02/2012).
2011	12/02/2011	Docosahexaenoic acid (DHA) algal oil	Rulemaking	Closed	Classified as nonagricultural, nonsynthetic; recommended for addition to National List §205.605. Interim Rule (77 FR 59287, 09/27/2012).
2011	12/02/2011	Arachidonic acid (ARA) from Fungal oil	Rulemaking	Closed	Classified as nonagricultural, nonsynthetic; recommended for addition to National List §205.605. Interim Rule (77 FR 59287, 09/27/2012).
2011	12/02/2011	Chlorine materials (Calcium hypochlorite; Chlorine dioxide; and Sodium hypochlorite)	Rulemaking	Complete	Recommended amending National List §205.605. Final Rule (83 FR 66559, 12/27/2018).
2011	12/02/2011	Potassium hydroxide annotation change	Rulemaking	Complete	Recommended amending National List §205.605. Final Rule (78 FR 31815, 05/28/2013).
2011	12/02/2011	Beta-carotene extract color annotation change	Rulemaking	Complete	Recommended amending National List §205.606 (adds "or algae"). Final Rule (78 FR 31815, 05/28/2013).
2011	12/02/2011	Annatto extract color removal	Rulemaking	Complete	Recommended removal from §205.606. Final Rule (78 FR 31815, 05/28/2013).
2012	04/30/2012	Cellulose	Rulemaking	Complete	Recommended amending National List §205.605(b) (for use in regenerative casings, powdered cellulose as an anti-caking agent (non-chlorine bleached) and filtering aid). Final Rule (83 FR 66559, 12/27/2018).
2012	05/25/2012	Citrus hystrix leaves and fruit	Rulemaking	Closed	Classified as agricultural; recommended for addition to National List §205.606. Not included in Final Rule (79 FR 58655, 09/30/2014), due to public comments indicating availability of organic forms.
2012	05/25/2012	Curry leaves	Rulemaking	Closed	Classified as agricultural; recommended for addition to National List §205.606. Not included in Final Rule (79 FR 58655, 09/30/2014), due to public comments indicating availability of organic forms.
2012	05/25/2012	Inositol	Rulemaking	Closed	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605. Interim Rule (77 FR 59287, 09/27/2012).
2012	05/25/2012	Choline	Rulemaking	Closed	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605. Interim Rule (77 FR 59287, 09/27/2012).
2012	10/16/2012	Rotenone	Rulemaking	Complete	Classified as nonsynthetic; recommended for addition to National List §205.602. Final Rule (83 FR 66559, 12/27/2018).
2012	10/17/2012	L-Methionine	Rulemaking	Closed	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605. Interim Rule (77 FR 59287, 09/27/2012).
2012	10/18/2012	Biodegradable biobased mulch films	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (79 FR 58655, 09/30/2014).
2013	04/11/2013	Amino acids for pet food (taurine)	Rulemaking	Complete	Recommended for addition to National List §205.603. Market Development (MDR) Final Rule (89 FR 104367, 12/23/2024; 90 FR 9187, 02/10/2025). Rescission Proposed Rule (90 FR 20133, 05/12/2025).

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2014	05/02/2014	Vinasse	Guidance	Complete	Classified as nonsynthetic; NOP 5034 (Classification of Materials) updated.
2014	05/02/2014	Magnesium oxide	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (83 FR 66559, 12/27/2018).
2015	04/30/2015	Acidified sodium chlorite (ASC) (CAS # 7758-19-2 (sodium chlorite) and CAS # 14998-27-7 (chlorous acid))	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603(a) and §205.603(b) (pre and post teat dip treatment). Final Rule (83 FR 66559, 12/27/2018).
2015	04/30/2015	Zinc sulfate	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603(b) (foot or hoof treatment only). Final Rule (83 FR 66559, 12/27/2018).
2015	04/30/2015	Glycerin	Rulemaking	Complete	When derived from agricultural source material and processed using biological or mechanical/physical methods described under §205.270(a). Classified as agricultural; recommended for removal from National List §205.605 and addition to §205.606. Final Rule (83 FR 66559, 12/27/2018).
2015	04/30/2015	DL-methionine, DL-methionine-hydroxy analog, and DL-methionine-hydroxy analog calcium (CAS # 59-51-8, 583-91-5, 4857-44-7, and 922-50-9)	Rulemaking	Complete	Recommended amending National List §205.603(d). Final Rule (83 FR 66559, 12/27/2018).
2015	10/29/2015	Flavors	Rulemaking	Complete	Recommended amending National List §205.605(a) (require use of organic flavors when commercially available). Final Rule (83 FR 66559, 12/27/2018).
2015	10/29/2015	Micronutrients	Rulemaking	Complete	Recommended amending National List §205.601(j). Final Rule (83 FR 66559, 12/27/2018).
2015	10/29/2015	Alginic acid	Rulemaking	Complete	Re-classified as synthetic; recommended for removal from National List §205.605(a) and addition to §205.605(b). Final Rule (83 FR 66559, 12/27/2018).
2015	10/29/2015	Laminarin	Guidance	Complete	Classified as nonsynthetic; does not need to be added to National List §205.601.
2015	10/29/2015	Carnauba wax	Rulemaking	Complete	Re-classified as agricultural; recommended for removal from National List §205.605(a) and addition to §205.606. Final Rule (83 FR 66559, 12/27/2018).
2015	10/29/2015	EPA List 4	Rulemaking	In Process	Recommended amending National List §205.601(m) and §205.603(e). Advance Notice of Proposed Rulemaking (ANPR) (87 FR 54173, 87 FR 61268, 09/02/2022). NOP 06/23/2023 memorandum to the Board (Work Agenda Request: Inert Ingredients in Pesticide Products).
2016	04/27/2016	Hypochlorous acid	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Squid byproducts	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Hypochlorous acid	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603. Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Hypochlorous acid	Rulemaking	Complete	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605(b). Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Sodium lactate and potassium lactate	Rulemaking	Complete	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605(b). Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Lidocaine	Rulemaking	Complete	Recommended amending National List §205.603 (reduce withdrawal periods). Final Rule (83 FR 66559, 12/27/2018).

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2016	04/27/2016	Procaine	Rulemaking	Complete	Recommended amending National List §205.603 (reduce withdrawal periods). Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Parasiticides (Fenbendazole, moxidectin)	Rulemaking	Complete	Recommended amending §205.238 and National List §205.603 (emergency only). Final Rule (83 FR 66559, 12/27/2018).
2016	04/27/2016	Oat beta-glucan	Not Recommended	Complete	Classified as agricultural; not recommended for addition to National List §205.606.
2016	04/27/2016	Ancillary substances - definition, criteria for compliance, review procedure	Guidance	On Hold	
2016	11/18/2016	Ivermectin	Rulemaking	Complete	Recommended removal from National List §205.603. Final Rule (83 FR 66559, 12/27/2018).
2017	04/21/2017	L-methionine	Rulemaking	Closed	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605(b).
2017	11/02/2017	Sulfur	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603. Final Rule (84 FR 18133, 04/30/2019).
2017	11/02/2017	Potassium acid tartrate	Rulemaking	Complete	Re-classified as agricultural; recommended removal from National List §205.605(b) and addition to §205.606. Final Rule (84 FR 18133, 04/30/2019).
2018	04/27/2018	Polyoxin D zinc salt	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (84 FR 56673, 10/23/2019).
2018	04/27/2018	Sulfur	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601 (as a molluscicide). Final Rule (84 FR 56673),10/23/2019).
2018	04/27/2018	Magnesium chloride	Rulemaking	Complete	Re-classified as nonagricultural, nonsynthetic; recommended removal from National List §205.605(b) and addition to §205.605(a). Final Rule (84 FR 56673, 10/23/2019).
2018	10/26/2018	Natamycin	Rulemaking	Closed	Classified as nonsynthetic; recommended for addition to National List §205.602. Final Rule (85 FR 70431, 11/05/2020) did not add to §205.602.
2018	10/26/2018	Sodium citrate	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (85 FR 70431, 11/05/2020).
2018	10/26/2018	Tamarind seed gum	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606. Final Rule (85 FR 70431, 11/05/2020).
2019	04/26/2019	Oxalic acid	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.603. Final Rule (86 FR 33479, 06/25/2021).
2019	04/26/2019	Pullulan	Rulemaking	Complete	Classified as nonagricultural, nonsynthetic; recommended for addition to National List §205.605. Final Rule (86 FR 33479, 06/25/2021).
2019	04/26/2019	Collagen gel	Rulemaking	Complete	Classified as agricultural; recommended for addition to National List §205.606 (as casing). Final Rule (86 FR 33479, 06/25/2021).
2019	10/25/2019	Fatty alcohols (C6, C8, C10, C12 Naturally Derived)	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (87 FR 16371, 03/23/2022).
2019	10/25/2019	Potassium hypochlorite	Rulemaking	Complete	Classified as synthetic; recommended for addition to National List §205.601. Final Rule (87 FR 16371, 03/23/2022).
2020	10/30/2020	Sodium carbonate lignin	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601(j)(4).
2020	10/30/2020	Low acyl gellan gum	Rulemaking	Complete	Classified as nonagricultural, synthetic; recommended for addition to National List §205.605(b). Final Rule (87 FR 68021, 11/14/2022).

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2020	10/30/2020	Fenbendazole	Not Recommended	Complete	Recommendation to not amend the National List §205.603 to include use in laying hens.
2020	10/30/2020	EPA List 4 Inerts Resolution	Resolution	In Process	Advance Notice of Proposed Rulemaking (ANPR) (87 FR 54173, 87 FR 61268, 09/02/2022). NOP 06/23/2023 memorandum to the Board (Work Agenda Request: Inert Ingredients in Pesticide Products).
2021	04/30/2021	Paper-based crop planting aid	Rulemaking	Complete	Classified as synthetic; recommended for addition to Terms Defined §205.2; recommended for addition to National List §205.601(p). Final Rule (87 FR 68021 11/14/2022).
2021	10/21/2021	Fish oil	Rulemaking	Closed	Recommendation to amend National List §205.606. AMS does not plan to act on this recommendation at this time (NOP Response to National Organic Standards Board Fall 2021 Recommendations).
2021	10/21/2021	Chitosan	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601(j)(4).
2021	10/21/2021	Cow Manure Derived Biochar (CMDDB)	Not Recommended	Complete	Classified as nonsynthetic; not recommended to amend National List §205.602(a).
2021	10/21/2021	Kasugamycin	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601(j)(4).
2021	10/21/2021	Hydronium	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601(j)(7).
2021	10/21/2021	Zein	Not Recommended	Complete	Not classified; not recommended for addition to National List §205.605.
2021	10/21/2021	Ammonia Extract	Rulemaking	In Process	Classified as nonsynthetic; recommendation to add stripped ammonia extracts to National List §205.602.
2021	10/21/2021	Biodegradable biobased mulch films	Rulemaking	Closed	Recommendation to amend Terms Defined §205.2 and National List §205.601. NOP declined to implement and returned this to NOSB on 09/09/2023 for further work [Work Agenda Request: Biodegradable Biobased Mulch Film (BBMF)]
2021	10/21/2021	Lithothamnion	Recommendation	Closed	Classified as nonagricultural; recommended as ineligible for organic certification as a wild crop. Closed due to technical complexity, unknown industry impact, and other NOP priorities.
2022	04/28/2022	Cetylpyridinium chloride (CPC)	Not Recommended	Complete	Classified as nonagricultural, synthetic; not recommended for addition to National List §205.605(b).
2022	04/28/2022	Highly soluble nitrogen fertilizers	Rulemaking	In Process	Recommendation to add to Allowed and prohibited substances, methods, and ingredients in organic production and handling §205.105.
2022	10/27/2022	Potassium hydroxide	Not Recommended	Complete	Previously classified as synthetic; not recommended for addition to National List §205.601 for use as a production aid in the production of liquid fish products.
2022	10/27/2022	Peroxlactic acid (PoLA)	Not Recommended	Complete	Classified as nonagricultural, synthetic; not recommended for addition to National List §205.605(b).
2022	10/27/2022	Potassium hydroxide annotation change	Not Recommended	Complete	Did not recommend amending National List §205.605(b) annotation to allow for use in <i>lamiaceae</i> extraction.
2022	10/27/2022	Ion Exchange Filtration Materials (Recharge Materials)	Recommendation	Complete	2023 letter to certifiers: Exchange ions/recharge solutions need to be listed on the National List, while ion exchange resins do not need to be on the National List. www.ams.usda.gov/sites/default/files/media/2023CertifiersIonExchange.pdf

NOSB National List Recommendations

Year	Date	Substance/Recommendation	Action	Status	Notes
2022	10/27/2022	Carbon dioxide	Recommendation	In Process	Previously classified as synthetic; recommended for addition to National List §205.601(a).
2023	04/27/2023	Ion Exchange Filtration Materials (Resins)	Recommendation	Complete	2023 letter to certifiers: Exchange ions/recharge solutions need to be listed on the National List, while ion exchange resins do not need to be on the National List. www.ams.usda.gov/sites/default/files/media/2023CertifiersIonExchange.pdf
2023	10/26/2023	Potassium sorbate	Not Recommended	Complete	Classified as synthetic; not recommended for addition to National List §205.601(e) or §205.601(i).
2024	05/01/2024	Magnesium carbonate	Not Recommended	Complete	Classified as nonagricultural, synthetic; not recommended for addition to National List §205.605(b).
2024	05/01/2024	Magnesium carbonate hydroxide	Not Recommended	Complete	Classified as nonagricultural, synthetic; not recommended for addition to National List §205.605(b).
2024	05/01/2024	Rye pollen extract	Not Recommended	Complete	Classified as agricultural; not recommended for addition to National List §205.606.
2024	10/24/2024	Carbon dioxide	Recommendation	In Process	Previously classified as synthetic; recommended for addition to National List §205.601(j).
2024	10/24/2024	Meloxicam	Recommendation	In Process	Classified as synthetic; recommended for addition to National List §205.603(a).
2024	10/24/2024	DL-methionine, DL-methionine—hydroxy analog, and DL-methionine—hydroxy analog calcium (CAS #-59-51-8; 63-68-3; 348-67-4)	Recommendation	In Process	Recommended amending National List §205.603(d).
2024	10/24/2024	Potassium phosphate	Not Recommended	Complete	Did not recommend amending National List §205.605(b).
2024	10/24/2024	EPA List 4 Inerts	Recommendation	In Process	Recommendation in response to the NOP 06/23/2023 memorandum (Work Agenda Request: Inert Ingredients in Pesticide Products). Advance Notice of Proposed Rulemaking (ANPR) (87 FR 54173, 87 FR 61268, 09/02/2022).
2025	05/01/2025	Iodine	Recommendation	In Process	Previously classified as synthetic; recommended amending National List §205.603(a) and §205.603(b) [to prohibit formulations containing nonylphenol ethoxylates (NPEs)].
2025	05/01/2025	Ethylene	Recommendation	In Process	Previously classified as synthetic; recommended amending National List §205.605(b) (expand use to allow for postharvest potato and onion sprout inhibition).
2025	05/01/2025	Fish oil	Recommendation	In Process	Previously classified as agricultural; recommended amending National List §205.606 (to remove CAS numbers as a technical correction).

Type	Total
Total Recommendations	339
Total In Process	12
Total On Hold	1
Total Closed	12
Total Complete	314
Percent Complete	93%

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2005	11/17/2005	Sunset Review of Nonsynthetic National List Substances Used in Handling	Rulemaking	Complete	57 materials recommendations.
2005	11/17/2005	Sunset Review of National List Substances Used in Livestock Production	Rulemaking	Complete	20 materials recommendations.
2005	11/17/2005	Sunset Review of National List Substances Used in Crop Production	Rulemaking	Complete	34 materials recommendations.
2006	06/03/2006	Streptomycin and Tetracycline	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Sodium silicate in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Lignin sulfonate in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/07/2006	Hydrogen peroxide in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Hydrated lime in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Humic acids in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Horticulture oils in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Chlorine materials in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/03/2006	Aquatic plant extracts in Crops	Rulemaking	Complete	Sunset Recommendation
2006	06/06/2006	Lecithin, Unbleached for §205.606 in Handling	Rulemaking	Complete	Sunset Recommendation
2006	06/08/2006	Lecithin, Bleached for §205.606 in Handling	Rulemaking	Complete	Sunset Recommendation
2006	06/06/2006	Flavors §205.605a in Handling	Rulemaking	Complete	Sunset Recommendation
2006	06/06/2006	Colors §205.605a in Handling	Rulemaking	Complete	Sunset Recommendation
2006	06/08/2006	Chlorine materials in Handling	Rulemaking	Complete	Sunset Recommendation
2006	05/31/2006	Oxytocin in Livestock	Rulemaking	Complete	Sunset Recommendation
2006	05/31/2006	Milk replacer in Livestock	Rulemaking	Complete	Sunset Recommendation
2006	05/31/2006	Ivermectin in Livestock	Rulemaking	Complete	Sunset Recommendation
2006	05/31/2006	Hydrated lime for Livestock	Rulemaking	Complete	Sunset Recommendation
2006	05/31/2006	Chlorine materials for Livestock	Rulemaking	Complete	Sunset Recommendation
2006	11/11/2006	Lecithin, Bleached §205.605 in Handling	Rulemaking	Complete	REVISED Final Sunset Recommendation
2006	11/11/2006	Colors §205.605 in Handling	Rulemaking	Complete	REVISED Final Sunset Recommendation

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2006	11/11/2006	Commercial Availability Criteria for §205.606 in Handling	Rulemaking	Complete	REVISED Final Sunset Recommendation
2007	11/30/2007	Cellulose for use in Handling on §205.605(b)	Rulemaking	Complete	Final Sunset Recommendation
2007	11/30/2007	Glucono delta lactone for use in Handling on §205.605(a)	Rulemaking	Complete	Final Sunset Recommendation
2007	11/30/2007	Agar-agar, Animal enzymes, Calcium sulfate and Carrageenan for use in Handling on §205.605(a)	Rulemaking	Complete	Final Sunset Recommendation
2007	11/30/2007	Ozone gas	Rulemaking	Complete	Sunset Recommendation
2007	11/30/2007	EPA List 3 Inerts	Rulemaking	Complete	Sunset Recommendation
2007	11/30/2007	Copper sulfate (rice)	Rulemaking	Complete	Sunset Recommendation
2007	11/30/2007	Calcium chloride	Rulemaking	Complete	Sunset Recommendation
2007	11/30/2007	Peracetic acid for use in Crops on §205.601	Rulemaking	Complete	Final Recommendation
2008	05/22/2008	Cellulose	Rulemaking	Complete	Sunset Re-Affirmation of Recommendation
2008	05/22/2008	Agar-agar, Animal enzymes, Calcium sulfate and Carrageenan	Rulemaking	Complete	Re-Affirmation of Recommendation
2008	05/22/2008	§205.601(a)(3) Copper sulfate, §205.601(a)(5) Ozone gas, §205.601(a)(6) Peracetic acid, §205.601(m)(2) EPA List 3 inerts- for use in passive pheromone dispensers, and §205.602(c) Calcium chloride	Rulemaking	Complete	Re-Affirmation of Recommendation for re-listing
2009	11/05/2009	Cyclohexylamine	Rulemaking	Complete	
2009	11/05/2009	Activated charcoal	Rulemaking	Complete	
2009	11/05/2009	Tetrasodium pyrophosphate	Rulemaking	Complete	
2009	11/05/2009	Sodium acid pyrophosphate	Rulemaking	Complete	
2009	11/05/2009	Peracetic acid / Peroxyacetic acid	Rulemaking	Complete	
2009	11/05/2009	Octadecylamine	Rulemaking	Complete	
2009	11/05/2009	Microorganisms	Rulemaking	Complete	
2009	11/05/2009	L-malic acid	Rulemaking	Complete	
2009	11/05/2009	Egg white lysozyme	Rulemaking	Complete	
2009	11/05/2009	Diethylaminoethanol	Rulemaking	Complete	
2009	11/05/2009	Hydrogen chloride	Rulemaking	Complete	

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2009	11/05/2009	Ferric phosphate	Rulemaking	Complete	
2010	05/29/2010	Nonorganic agricultural products allowed in organic processing/handling	Rulemaking	Complete	§205.606. 16 materials.
2010	05/29/2010	Synthetic substances allowed in organic processing/handling	Rulemaking	Complete	§205.605(b). 22 materials.
2010	05/29/2010	Nonsynthetic substances allowed in organic processing/handling	Rulemaking	Complete	§205.605(a). 15 materials.
2010	05/29/2010	Strychnine	Rulemaking	Complete	§205.604. 1 material.
2010	05/29/2010	Synthetic substances allowed in organic livestock production	Rulemaking	Complete	§205.603. 26 materials.
2010	05/29/2010	Nonsynthetic substances prohibited in organic crop production	Rulemaking	Complete	§205.602. 7 materials.
2010	05/29/2010	Synthetic substances allowed in organic crop production	Rulemaking	Complete	§205.601. 26 materials.
2010	10/28/2010	Synthetic substances allowed in organic livestock production	Rulemaking	Complete	§205.603. 26 materials.
2010	10/28/2010	Whey protein	Rulemaking	Complete	§205.606
2010	10/28/2010	Corn starch	Rulemaking	Complete	§205.606
2010	10/28/2010	Pectin (high methoxy)	Rulemaking	Complete	§205.606. Changed listing to non-amidated forms only.
2010	10/28/2010	Inulin	Rulemaking	Complete	§205.606
2010	10/28/2010	Hops	Rulemaking	Complete	§205.606
2010	10/28/2010	Fructooligosaccharides	Rulemaking	Complete	§205.606
2010	10/28/2010	Annatto extract color, Oil and Water Soluble	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Removed in Nov 2014.
2010	10/28/2010	Colors derived from agricultural products	Rulemaking	Complete	
2010	10/28/2010	Sulfur dioxide	Rulemaking	Complete	
2010	10/28/2010	Sodium phosphates	Rulemaking	Complete	
2010	10/28/2010	Sodium hydroxide	Rulemaking	Complete	
2010	10/28/2010	Sodium citrate	Rulemaking	Complete	
2010	10/28/2010	Silicon dioxide	Rulemaking	Complete	
2010	10/28/2010	Phosphoric acid	Rulemaking	Complete	
2010	10/28/2010	Pectin (low methoxy)	Rulemaking	Complete	Recommendation to remove from the National List §205.605, based on petition.

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2010	10/28/2010	Ferrous sulfate	Rulemaking	Complete	
2010	10/28/2010	Chlorine materials	Rulemaking	Complete	
2010	10/28/2010	Yeast	Rulemaking	Complete	
2010	10/28/2010	Magnesium sulfate	Rulemaking	Complete	
2010	10/28/2010	Flavors	Rulemaking	Complete	
2010	10/28/2010	Glycerides	Rulemaking	Complete	
2010	10/28/2010	Final Recommendation on the Petition to Remove Hops	Rulemaking	Complete	Recommendation on petition to remove Hops from the National List.
2010	10/28/2010	Final Recommendation on the Petition to Reclassify Pectin (low-methoxy)	Rulemaking	Complete	Recommendation on petition to reclassify Pectin (low-methoxy).
2010	10/28/2010	Final Recommendation on the Petition to Reclassify Yeast	Rulemaking	Complete	Recommendation on petition to reclassify Yeast.
2010	10/28/2010	EPA List 4—Inerts of Minimal Concern for relisting	Rulemaking	Complete	
2011	04/29/2011	Tocopherols	Rulemaking	Complete	§205.605
2011	04/29/2011	Potassium iodide	Rulemaking	Complete	§205.605
2011	04/29/2011	Nutrient vitamins and minerals	Rulemaking	Complete	§205.605
2011	04/29/2011	Potassium iodide	Rulemaking	Complete	§205.605
2011	04/29/2011	Enzymes Sunset	Rulemaking	Complete	§205.605
2011	04/29/2011	Vitamin D3	Rulemaking	Complete	§205.601
2011	04/29/2011	Sulfur dioxide	Rulemaking	Complete	§205.601
2011	04/29/2011	Streptomycin	Rulemaking	Complete	§205.601
2011	04/29/2011	Sodium silicate	Rulemaking	Complete	§205.601
2011	04/29/2011	Plastic mulch	Rulemaking	Complete	§205.601
2011	04/29/2011	Pheromones	Rulemaking	Complete	§205.601
2011	04/29/2011	Newspaper	Rulemaking	Complete	§205.601
2011	04/29/2011	Magnesium sulfate	Rulemaking	Complete	§205.601

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2011	04/29/2011	Lignin sulfonate (as a floating agent)	Rulemaking	Complete	§205.601(l)
2011	04/29/2011	Lignin sulfonate (as a chelating agent, dust suppressant)	Rulemaking	Complete	§205.601(j)
2011	04/29/2011	Ethylene gas	Rulemaking	Complete	§205.601
2011	04/29/2011	Copper	Rulemaking	Complete	§205.601
2011	04/29/2011	Newspaper-compost feedstocks	Rulemaking	Complete	
2011	04/29/2011	Chlorine materials	Rulemaking	Complete	§205.601
2011	04/29/2011	Alcohols	Rulemaking	Complete	§205.601
2011	04/29/2011	Tetracycline	Rulemaking	Complete	§205.601
2011	12/02/2011	Tartaric acid	Rulemaking	Complete	§205.605(a) and §205.605(b) Sunset 2013
2011	12/02/2011	Animal enzymes	Rulemaking	Complete	§205.605
2011	12/02/2011	Silicon dioxide	Rulemaking	Complete	Petition to remove/amend from the National List §205.605.
2011	12/02/2011	Calcium chloride	Rulemaking	Complete	§205.602
2011	12/02/2011	Peracetic acid	Rulemaking	Complete	§205.601
2011	12/02/2011	Ozone gas	Rulemaking	Complete	§205.601
2011	12/02/2011	Copper sulfate	Rulemaking	Complete	§205.601
2011	04/29/2011	Sodium nitrate	Rulemaking	Closed	§205.602. PM 12-1 (Production and Certification of Aquatic Plants).
2012	05/25/2012	Glucono delta lactone	Rulemaking	Complete	§205.605
2012	05/25/2012	Carrageenan	Rulemaking	Complete	Recommended annotation change to §205.605. Annotation change not added during Sunset renewal.
2012	05/25/2012	Calcium sulfate	Rulemaking	Complete	§205.605
2012	05/25/2012	Agar-agar	Rulemaking	Complete	§205.605
2012	05/25/2012	List 3 Inert Ingredients	Rulemaking	Complete	
		Prior to Fall 2014, Sunset recommendations were to relist. After Fall 2014, recommendations are to remove.			
2014	10/30/2014	Marsala	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (80 FR 77231, 12/14/2015).
2014	10/30/2014	Sherry	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (80 FR 77231, 12/14/2015).

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2015	04/30/2015	Egg white lysozyme	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (81 FR 51075, 08/03/2016).
2015	04/30/2015	Cyclohexylamine	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (81 FR 51075, 08/03/2016).
2015	04/30/2015	Diethylaminoethanol	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (81 FR 51075, 08/03/2016).
2015	04/30/2015	Octadecylamine	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (81 FR 51075, 08/03/2016).
2015	04/30/2015	Tetrasodium pyrophosphate (TSPP)	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (81 FR 51075, 08/03/2016).
2015	10/29/2015	Lignin sulfonate (as a floating agent)	Rulemaking	Complete	Recommendation to remove from the National List §205.601. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Furosemide	Rulemaking	Complete	Recommendation to remove from the National List §205.603. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Magnesium carbonate	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Chia (salvia hispanica L.)	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Dillweed oil	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Galangal	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Inulin-oligofructose enriched	Rulemaking	Closed	Recommendation to remove from the National List §205.606. Not removed. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Lemongrass	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Peppers (Chipotle chile)	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Turkish bay leaves	Rulemaking	Closed	Recommendation to remove from the National List §205.606. Not removed. Final Rule (82 FR 31241, 07/06/2017).
2015	10/29/2015	Whey protein concentrate	Rulemaking	Closed	Recommendation to remove from the National List §205.606. Not removed. Final Rule (82 FR 31241, 07/06/2017).
2016	11/18/2016	Carrageenan	Rulemaking	Closed	Recommendation to remove from the National List §205.605. Not removed. Final Rule (83 FR 14347, 04/04/2018).
2017	11/02/2017	Vitamin B1	Rulemaking	Complete	Recommendation to remove from the National List §205.601. Final Rule (87 FR 10930, 02/28/2022).
2017	11/02/2017	Oxytocin	Rulemaking	Closed	Recommendation to remove from the National List §205.603. Not removed. Final Rule (87 FR 10930, 02/28/2022).
2017	11/02/2017	Procaine	Rulemaking	Complete	Recommendation to remove from the National List §205.603. Final Rule (87 FR 10930, 02/28/2022).
2017	11/02/2017	Konjac flour	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2018	10/25/2018	Sucrose octanoate esters	Rulemaking	Closed	Recommendation to remove from the National List §§205.601 & 205.603. Not removed. Final Rule (87 FR 10930, 02/28/2022).
2019	10/25/2019	Dairy cultures	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (87 FR 16371, 03/23/2022).

NOSB Sunset Recommendations/Reviews

Year	Date	Substance/Recommendation	Action	Status	Notes
2019	10/25/2019	Alginic acid	Rulemaking	Complete	Recommendation to remove from the National List §205.605. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Black currant juice color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Blueberry juice color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Carrot juice color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Cherry juice color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Grape juice color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Paprika color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Pumpkin juice color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Turmeric extract color	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Kelp	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Sweet potato starch	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Turkish bay leaves	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2020	10/30/2020	Whey protein concentrate	Rulemaking	Complete	Recommendation to remove from the National List §205.606. Final Rule (87 FR 10930, 02/28/2022).
2021	10/31/2021	Sodium nitrate	Rulemaking	In Process	Recommendation to reinstate listing at §205.602.

Type	Total
Total Recommendations	154
Total In Process	1
Total On Hold	0
Total Closed	7
Total Complete	146
Percent Complete	95%