



Sunset 2015 Review List - Request for Public Comment Crops Substances

September 5, 2013

Introduction

As part of the Sunset Process, the National Organic Program (NOP) announces substances on the National List of Allowed and Prohibited Substances (National List) that are coming up for sunset review by the National Organic Standard Board (NOSB). The following list announces substances that are on the National List for use in organic crop production which must be reviewed by the NOSB and renewed by the NOP before their sunset dates in 2015. This list provides the substance's current status on the National List, use description, references to past technical reports, past NOSB actions, and regulatory history, as applicable. If a new technical report has been requested for a substance, this is noted in this list. To see if any new technical report is available, please check for updates under the substance name in the [Petitioned Substances Database](#).

Request for Comments

While the NOSB will not complete its review and any recommendations on these substances until the Spring 2014 public meeting, the NOP is requesting that the public provide comments about these substances to the NOSB as part of the Fall 2013 public meeting. These comments should be provided through www.regulations.gov by October 1, 2013 as explained in the meeting notice published in the [Federal Register](#) on September 5, 2013.

These comments are necessary to guide the NOSB's review of each substance against the criteria in the Organic Foods Production Act (7 U.S.C. 6518(m)) and the USDA organic regulations (7 CFR 205.600). The current substances on the National List were originally recommended by the NOSB based on evidence available to the NOSB at the time of their last review which demonstrated that the substances were found to be: (1) not harmful to human health or the environment, (2) necessary because of the unavailability of wholly nonsynthetic alternatives, and (3) consistent and compatible with organic practices.

Public comments should focus on providing new information about a substance since its last NOSB review. Such information could include research or data that may support a change in the NOSB's determination for a substance.

Guidance on Submitting Your Comments

Comments should clearly indicate your position on continuing the allowance of substances on this list and explain the reasons for your position. You should include relevant information and data to support your position (e.g., scientific, environmental, manufacturing, industry impact information, etc.).

For Comments That Support Substances Under Review:

If you provide comments in support of an allowance of a substance on the National List, you should provide new information demonstrating that the substance is:

- (1) not harmful to human health or the environment;
- (2) necessary to the production of the agricultural products because of the unavailability of wholly nonsynthetic substitute products; and
- (3) consistent with organic production.

For Comments That Do Not Support Substances Under Review:

If you provide comments that do not support a substance on the National List, you should provide reasons why the use of the substance should no longer be allowed in organic production or handling. Specifically, comments that support the removal of a substance from the National List should provide new information since its last NOSB review to demonstrate that the substance is:

- (1) harmful to human health or the environment;
- (2) unnecessary because of the availability of alternatives; and
- (3) inconsistent with organic production.

For Comments Addressing the Availability of Alternatives:

Comments may present information about the viability of alternatives for a substance under sunset review. Viable alternatives include, but are not limited to:

- Alternative management practices that would eliminate the need for the specific substance;
- Other currently exempted substances that are on the National List, which could eliminate the need for this specific substance; and
- Other organic or nonorganic agricultural substances.

Your comments should address whether any alternatives have a function and effect equivalent to or better than the allowed substance, and whether you want the substance to be allowed or removed from the National List. Assertions about alternative substances, except for those alternatives that already appear on the National List, should, if possible, include the name and address of the manufacturer of the alternative. Further, your comments should include a copy or the specific source of any supportive literature, which could include product or practice descriptions; performance and test data; reference standards; names and addresses of producers or handlers who have used the alternative under similar conditions and the date of use; and an itemized comparison of the function and effect of the proposed alternative(s) with substance under review. The following table can help you describe recommended alternatives in place of a current substance that you do not want to be continued.

Table 1. Guidance on submitting comments for alternatives to substances on the National List.

If the currently listed substance is used in...	And is a...	Then the recommended alternative should be a (an)...
Crop Production	Synthetic substance	<ul style="list-style-type: none"> - Another currently listed synthetic substance; - Nonsynthetic substance; or - Management practice.

Written public comments will be accepted through Tuesday, October 1, 2013 via www.regulations.gov. Comments received after that date may not be reviewed by the NOSB before the meeting.



SUNSET 2015: CROPS SUBSTANCES

Aqueous potassium silicate (Listing 1 of 2 – 205.601(e))

Synthetic

Use – As an insecticide (including acaricides or mite control).

Listing: Aqueous potassium silicate (CAS # 1312-76-1)—The silica, used in the manufacture of potassium silicate, must be sourced from naturally occurring sand.

Technical Report: [2003, New report requested 4/2013.](#)

Petition(s): [Potassium Silicate \(PDF\)](#) (2004), [Potassium Silicate Supplemental \(PDF\)](#) (2006)

Past NOSB Actions: NOSB review and recommendation for addition to the National List - [11/30/07.](#)

Regulatory Background: Proposed rule (including justification) published 6/3/2009 (74 FR 26591). Added to National List 12/13/2010 (75 FR 77521).

Sunset Date: 12/14/2015

Reference: 7 CFR 205.601(e)

Aqueous potassium silicate (Listing 2 of 2 – 205.601(i))

Synthetic

Use – As plant disease control.

Listing: Aqueous potassium silicate (CAS # 1312-76-1)—The silica, used in the manufacture of potassium silicate, must be sourced from naturally occurring sand.

Technical Report: [2003, New report requested 4/2013.](#)

Petition(s): [Potassium Silicate \(PDF\)](#) (2004), [Potassium Silicate Supplemental \(PDF\)](#) (2006)

Past NOSB Actions: Approval for addition to the National List on [11/30/07.](#)

Regulatory Background: Proposed rule (including justification) published 6/3/2009 (74 FR 26591). Added to National List 12/13/2010 (75 FR 77521).

Sunset Date: 12/14/2015

Reference: 7 CFR 205.601(i)

Sodium carbonate peroxyhydrate

Synthetic

Use – As an algaecide.

Listing: Sodium carbonate peroxyhydrate (CAS # 15630-89-4)—Federal law restricts the use of this substance in food crop production to approved food uses identified on the product label.

Technical Report: [2006, New report requested 4/2013.](#)

Original Petition: [Sodium Carbonate Peroxyhydrate \(PDF\)](#) (2005)

Past NOSB Actions: Approval for addition to the National List on [11/30/07.](#)

Regulatory Background: Proposed rule (including justification) published 6/3/2009 (74 FR 26591). Added to National List 12/13/2010 (75 FR 77521).

Sunset Date: 12/14/2015

Reference: 7 CFR 205.601(a)



Sulfurous acid

Synthetic

Use – As plant or soil amendment.

Listing: Sulfurous acid (CAS # 7782-99-2)—for on-farm generation of substance utilizing 99% purity elemental sulfur per paragraph (j)(2) of this section.

Technical Report: [2010, New report requested 4/2013.](#)

Original Petition: [Sulfurous Acid \(PDF\)](#) (2008)

Past NOSB Actions: Approval for addition to the National List on [5/09](#)

Regulatory Background: Proposed rule (including justification) published 1/12/2010 (75 FR 1555). Added to National List 7/6/2010 (75 FR 38693).

Sunset Date: 7/7/2015

Reference: 7 CFR 205.601(j)