

# OMRI

# Generic Materials List

SUPPLEMENT TO THE 2022 OMRI GENERIC MATERIALS LIST

SUMMER 2023

## Crop Materials

### Use Class Coding

Crop production materials are classified by OMRI according to the following use classes:

CF: Crop Fertilizers and Soil Amendments

CP: Crop Pest, Weed, and Disease Control

CT: Crop Management Tools and Production Aids

## Updated Categories

### Adjuvants, for use in passive pheromone dispensers

Class: CP

Synthetic

Inert ingredients classified by the EPA as 2004 List 3 or 2004 List 4 (also known as inerts of minimal concern) not revoked under NOP Guidance 5008 may be used in combination with passive pheromone dispensers. See Glossary for definitions of "adjuvants," "inert ingredient," and "pesticide." May be used as an adjuvant or inert ingredient in combination with passive pheromone dispensers only. May only be used if the requirements of 205.206(e) are met, which requires the use of preventive, mechanical, physical, and other pest, weed, and disease management practices. See also INERTS, LIST 3.

**NOP Reference:** 205.206(e); 205.601(m)(1); 205.601(m)(2)

### Allowed With Restrictions

January, 2023

### Aquatic Plant Products

Class: CF

### Allowed

Synthetic/Nonsynthetic

Aquatic plants that have been extracted with nonsynthetic substances are allowed. May be stabilized with nonsynthetic substances or synthetic substances provided for at 205.601(j) such as vitamin C and E.

**NOP Reference:** 205.203(c)(3); Guidance 5034-1

January, 2023

### Aquatic Plant Products, synthetically extracted

Class: CF

### Allowed

Synthetic

Synthetic extraction process is limited to the use of potassium hydroxide or sodium hydroxide; solvent amount used is limited to that amount necessary for extraction. Aquatic plant products are prohibited if they contain synthetic preservatives such as formaldehyde, or are fortified with otherwise prohibited plant nutrient sources. May be stabilized with nonsynthetic substances or synthetic substances provided for at 205.601(j) such as vitamin C and E.

**NOP Reference:** 205.601(j)(1)

January, 2023

### Ethylene Gas

Class: CP

### Allowed With Restrictions

Synthetic

See the Processing and Handling Materials section for post-harvest uses. May include both nonsynthetic inerts or synthetic inerts allowed on the National List. For the regulation of pineapple flowering.

**NOP Reference:** 205.601(k); 205.601(m)(1)

January, 2023

### Fertilizers, Blended with micronutrients

Class: CF

### Allowed With Restrictions

Synthetic

Refer to specific ingredient categories for applicable use restrictions.

**NOP Reference:** 205.601(j)(7)

January, 2023

This addendum reflects all changes made through May 2023. Please use this addendum in conjunction with the 2022 OMRI Generic Materials List for the most current information.

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**Worm Castings**

Class: CF

Worm castings made from only allowed feedstock materials and do not contain more than 1x10<sup>3</sup> (1,000) MPN fecal coliform per gram sampled and/or more than 3 MPN Salmonella per 4 grams sampled may be used without restriction. If made from raw manure feedstocks, must also show aerobic conditions and a 70-90% moisture level are maintained during production.

**NOP Reference:** 205.105; 205.203(c)**Allowed**

Nonsynthetic

January, 2023

## Livestock Materials

**Use Class Coding**

Materials used in the feeding and care of organic livestock are classified by OMRI in the following use classes:

LF: Livestock Feed Ingredients

LH: Livestock Health Care

LP: Livestock External Parasiticides and Pesticides

LT: Livestock Management Tools and Production Aids

## Updated Categories

**Excipients**

Class: LH

Includes synthetic excipients (1) identified by the FDA as Generally Recognized As Safe (GRAS); (2) approved by the FDA as a food additive; (3) included in the FDA review and approval of a New Animal Drug Application or New Drug Application; or (4) Approved by APHIS for use in veterinary biologics. See Glossary for definition of "excipient." For use as an excipient in combination with permitted active health care ingredients.

**NOP Reference:** 205.603(f)**Allowed With Restrictions**

Synthetic

January, 2023

**Hydrated Lime****(Calcium Hydroxide)**

Class: LP

For use as an external pest control. Not permitted to cauterize physical alterations or deodorize animal wastes.

**NOP Reference:** 205.603(b)(6)**Allowed With Restrictions**

Synthetic

January, 2023

**Microorganisms**

Class: LF

Includes microorganisms used as direct fed microbial products and killed (dead) microorganisms. May be fed to an animal provided that all carriers are either (a) from organic sources if they are agricultural and appear on the product label, (b) nonsynthetic if they are nonagricultural, or (c) on the National List of substances allowed for organic livestock production without limiting annotation.

**NOP Reference:** 205.237(a); 205.105(b)**Allowed**

Nonsynthetic

January, 2023

**Phosphoric Acid**

Class: LT

For use as an equipment cleaner provided that no direct contact with organically managed livestock or land occurs.

**NOP Reference:** 205.603(a)(25)**Allowed With Restrictions**

Synthetic

January, 2023

## Processing Materials

**Use Class Coding**

Processing and handling materials are classified by OMRI according to the following uses and applications:

PA: Processing Agricultural Ingredients and Processing Aids

PN: Processing Nonagricultural Ingredients and Processing Aids

PP: Processing Pest Controls

PS: Processing Sanitizers and Cleaners

PC: Processing Packaging and Containers

## Updated Categories

**Low-acyl Gellan Gum**

Class: PN

**NOP Reference:** 205.605(b)(18)**Allowed**

Synthetic

January, 2023

**Smoke Flavoring**

Class: PN

The handler must document in the Organic System Plan that the smoke flavoring used is produced using a nonsynthetic process that does not use synthetic processing aids or additives. See also YEAST, SMOKED; FLAVORS.

Nonsynthetic, Nonagricultural

January, 2023

**Tannic Acid**

Class: PN

See also TANNINS.

**NOP Reference:** 205.105(c); 205.301

Synthetic, Agricultural/Nonagricultural

January, 2023

**Tannic Acid**

Class: PA

Nonorganic. See also TANNINS.

**NOP Reference:** 205.105(c); 205.301

Nonsynthetic

January, 2023

**Wood Rosin**

Class: PN

See also WAX.

**NOP Reference:** CFR 205.605(a)(29)**Allowed**

Nonsynthetic, Nonagricultural

January, 2023

**The following categories' restriction text has been expanded to include the following:**

Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

<b>Agricultural Ingredients</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Algae</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Beeswax</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Black Currant Juice Color</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Blueberry Juice Color</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Carrot Juice Color</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Casein</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Cherry Juice Color</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Chia (Salvia hispanica L.)</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Dillweed Oil</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Egg White (Albumen)</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Sherry</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Sweet Potato Starch</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Tannins</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Turkish Bay Leaves</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Turmeric Extract Color</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Vegetable Oils</b> Class: PA	<b>Allowed With Restrictions</b>
<b>Whey Protein Concentrate</b> Class: PA	<b>Allowed With Restrictions</b>

**Expanded restriction text denoted in green.**

**Agricultural Ingredients**  
Class: PA  
From nonorganic sources. Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."  
**NOP Reference:** 205.105(e), (f), (g); 205.270(b)(2); 205.301(c); 205.301(f)(1), (2), (3)  
May, 2023

**Algae**  
Class: PA  
Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. See glossary for definition of "algae." Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."  
**NOP Reference:** 205.301(c)  
May, 2023

**Beeswax**  
Class: PA  
Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.  
**NOP Reference:** 205.105(e), (f), (g); 205.270(b)(2); 205.301(c); 205.301(f)(1), (2), (3)  
May, 2023

**Black Currant Juice Color**  
Class: PA  
From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."  
**NOP Reference:** 205.105(e), (f), (g); 205.301(c)  
May, 2023

**Blueberry Juice Color**  
Class: PA  
From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."  
**NOP Reference:** 205.105(e), (f), (g); 205.301(c)  
May, 2023

**Carrot Juice Color**

Class: PA

Nonsynthetic, Agricultural  
From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023

**Casein**

Class: PA

Nonsynthetic, Agricultural  
Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.105(e), (f), (g); 205.270(b)(2); 205.301(c); 205.301(f)(1), (2), (3)

May, 2023

**Cherry Juice Color**

Class: PA

Nonsynthetic, Agricultural  
From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023

**Chia (Salvia hispanica L.)**

Class: PA

Nonsynthetic, Agricultural  
Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.301(c); 205.105(e), (f), (g)

May, 2023

**Dillweed Oil**

Class: PA

Nonsynthetic, Agricultural  
Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.301(c); 205.105(e), (f), (g)

May, 2023

**Egg White (Albumen)**

Class: PA

Agricultural  
Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.105(e), (f), (g); 205.270(b)(2); 205.301(c); 205.301(f)(1), (2), (3)

May, 2023

**Sherry**

Class: PA

Agricultural  
Sherry is a fortified cooking wine. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023

**Sweet Potato Starch**

Class: PA

Nonsynthetic, Agricultural  
From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023

**Tannins**

Class: PA

Nonsynthetic, Agricultural  
Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.105(e), (f), (g); 205.270(b)(2); 205.301(c); 205.301(f)(1), (2), (3)

May, 2023

**Turkish Bay Leaves**

Class: PA

Nonsynthetic, Agricultural  
From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023

**Turmeric Extract Color****Allowed With Restrictions**

Class: PA

Nonsynthetic, Agricultural

From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023

**Vegetable Oils****Allowed With Restrictions**

Class: PA

Nonsynthetic, Agricultural

Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic." See also AGRICULTURAL INGREDIENTS.

**NOP Reference:** 205.105(e), (f), (g); 205.270(b)(2); 205.301(c); 205.301(f) (1), (2), (3)

May, 2023

**Whey Protein Concentrate****Allowed With Restrictions**

Class: PA

Nonsynthetic, Agricultural

From nonorganic sources. Must be certified organic when used in processed food products labeled as "organic." Nonorganic agricultural ingredients must be produced and handled without the use of sewage sludge, excluded methods (GMOs) or ionizing radiation. Nonorganic agricultural ingredients may be used in processed products labeled as "Made with Organic (specified ingredients or food group(s))." Prohibited in the production of products labeled as "Organic" or "100% Organic."

**NOP Reference:** 205.105(e), (f), (g); 205.301(c)

May, 2023