

April 4, 2018

Ms. Michelle Arsenault National Organic Standards Board USDA-AMS-NOP 1400 Independence Avenue, SW Room 2648-So., Ag Stop 0268 Washington, DC 20250-0268

Docket: AMS-NOP-17-0057

RE: Crops Subcommittee – 2020 Sunset Review

Dear Ms. Arsenault:

Thank you for this opportunity to provide comment to the National Organic Standards Board on its 2020 Sunset Review.

The Organic Trade Association (OTA) is the membership-based business association for organic agriculture and products in North America. OTA is the leading voice for the organic trade in the United States and represents organic businesses across all 50 states. Its members include growers, shippers, processors, certifiers, farmers' associations, distributors, importers, exporters, consultants, retailers and others. OTA's Board of Directors is democratically elected by its members. OTA's mission is to promote and protect the growth of organic trade to benefit the environment, farmers, the public and the economy.

OTA thanks NOSB for carefully considering each crop production input scheduled to sunset in 2020. It's critical that NOSB hear from certified farmers on whether these inputs are consistent with and necessary for organic production, or whether there are other effective natural or organic alternatives available.

OTA is submitting results to our electronic surveys that were created for each input under review for 2020. The surveys were created and made available to **every NOP certificate holder** and include 7-10 questions addressing the **necessity (farm and livestock) or essentiality (handling)** of the National List input under review. The names of the companies submitting the information are confidential (not disclosed to OTA). To ensure wide distribution of the surveys beyond OTA membership, OTA worked with Accredited Certifying Agencies (ACAs) and OMRI to distribute the survey links to all of their clients as well as to targeted clients they know are using the inputs under review. OTA also worked through its Farmers Advisory Council (FAC¹) to help assist in distribution to NOP certified farmers.

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¹ OTA's Farmers Advisory Council was established in 2013 to formalize two-way communication between OTA and member producers as well as regional organic producer organizations across the United States. Through dialog and input, FAC gives organic farmers a voice to directly influence OTA's policy and provides an avenue for OTA to share information and advocacy work with this stakeholder group.



The comments submitted at this time include everything we have received through October 07, 2015. We have received the following total responses:

- 205.601 Synthetic substances allowed in use in organic crop production: 34 responses
- 205.602 Non-synthetic substances prohibited for use in organic crop production: 0 responses

National List Criteria

Materials that have been placed on the National List for use in organic crop production should remain on the National List if: 1) they are consistent with organic farming; 2) they are still necessary to the production of the agricultural product because of the unavailability of wholly natural substitute products in organic production; and 3) no new information has been submitted demonstrating adverse impacts on humans or the environment (OFPA SEC. 2118 [7 U.S.C. 6517] National List). Furthermore decisions must be transparent, non-arbitrary, and based on the best current information and in the interest of the organic sector and public at-large. We bring forward a number of substances on the National List that farmers indicated were still necessary that the Crop Subcommittee either voted to remove or was split on its vote to remove.

Below is a summary of the feedback received via OTA's Sunset surveys to date. Please note that our surveys focus on the necessity of a National List input. We are not aware of or reporting on any new information regarding adverse impacts on humans and on the environment.

Substance	Survey Information			
Alcohols: Ethanol	2020 Sunset:			
& Isopropanol	Producer Comment: We use it to disinfect pruning shears during cane pruning.			
	Bleach is ok, but is more hazardous to workers.			
	Producer Comment: Sterilization and disinfection of tools. Alternatives have lower			
	availability, higher cost, less universal efficacy, and more handling precautions (e.g.			
	hydrogen peroxide).			
	Producer Comment: Disinfection of floor, tables, and tools used for the grafting			
	process.			
	<u>2017 Sunset:</u>			
	Specific comments describing the use of this substance on organic farms:			
	For sanitizing hands and equipment to comply with food safety rules			
	Food safety. Hand sanitation			
	Specific comments regarding the availability and efficacy of alternatives:			
	I can't think of any alternatives for hand sanitation; equipment could be sanitized			
	with chlorine materials. I do not see that as any more environmentally friendly,			
	however.			
	Less effective			
Sodium carbonate	No comments received.			
peroxihydrate				
Mulch & Compost	<u>2020 Sunset:</u>			

Synthetic Substances Allowed for Use in Organic Crop Production (§ 205.601)



Feedstock –	Producer Comment: Shredded newspaper used for red worm bedding for vermin
Newspaper or other	compost. Nothing quite works like newspaper.
recycled paper,	Producer Comment: We use the paper pot transplanter system to transplant various
without glossy or	baby greens in high tunnels. This allows us to keep our tomatoes in our tunnels
colored inks	longer before removing them for winter greens. In our short, short summer VT
	season, it is essential we get those extra couple of weeks. (It would be too time
	consuming to transplant by hand.) I am not aware of any alternatives for the paper
	pot transplanter.
	Producer Comment: We routinely use pots made of manila paper to grow
	transplants for setting out. The paperpots break down in the soil adding to our
	organic matter. There are currently no substitutes for my operation that are omri
	listed.
	Producer Comment: Used for soil heath and weed control. No alternatives
	currently available.
	Producer Comment: We use the paper pot chains for transplanting vegetables. The
	paper chain containers are vital to using this system and contain the same
	ingredients as cardboard for use as a mulch or compost material and they are
	incorporated into the soil the same as the paper pot chains would be. I think their
	application should be added as a transplanting method. This system saves me hours
	of labor in transplanting and seeding. It is also a system that is better for the body
	ergonomically and would allow older farmers to continue to farm without the strain
	on their back and body. These pots are made in Japan and I am not aware of an
	alternative on the market for the manufacture of the paper chain pots.
	NOSB Questions:
	To what extent have newspapers shifted to soy ink?
	All I know of; No idea and can't really care relative to the diesel exhaust of my
	tractors; I am not sure on newspaper
	What nigments are used in colored newspaper inks, and how does their toxicity
	compare with carbon black, the pigment used in black ink?
	Don't know; No Idea; I am not sure on this
	Does the diversion of newspaper to mulch significantly reduce the supply of
	recycled newspring?
	No; Who cares?
	$\frac{2017 \text{ Sunset:}}{2017 \text{ Sunset:}}$
	Specific comments describing the use of this substance on organic farms:
	I use a no-till method in my garden. Layering cardboard and newspaper on fallow
	ground (old hay field) I can add compost and mulch to the top and smother the
	weeds (sheet mulching). This is the only non-mechanical organic way to kill
	existing grasses and weeds and convert it to garden without destructive plowing and
	tilling on my steep sloping land.
	Shredded paper is used to make my fungal-based compost. I compost a lot of grass
	clippings and need a large base of carbon materials to keep my compost fungal-

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	based
	Weed suppression
	Specific comments regarding the availability and office as of alternatives:
	None
	Cultivation requires increased fuel consumption and soil compaction
	Do not have enough "brown " materials when I have a lot of grass clippings to
	compost
Mulch – Plastic	2020 Sunset:
mulch and covers	Producer Comment: Used to cover forage.
(petroleum-based	Producer Comment: Used in market garden over drip tape for mixed veg
other than	production Reduces need for hand weeding by 90% Nothing works like this
polyvinyl chloride	material
$(\mathbf{D}VC))$	Producer Comment: Used to cover randomly occurring nevious wood notebas
(FVC))	(high tread) West directions are second as well allow results to during the second sec
	(bindweed). Weed patches are covered as not to allow sunlight during the growing
	season. Weeds die to the root from the extreme heat, lack of sunlight and lack of
	moisture. There are very few options for controlling field bindweed in our fields that
	are effective. We have tried several OMRI approved weed killers with only
	minimal effect.
	2017 Sunset:
	Specific comments describing the use of this substance on organic farms:
	We always use black plastic mulch when we establish a vinevard. We do not irrigate
	and the black plastic mulch is critical to us getting the baby vines growing well over
	their first three years in the ground. We always take the block plastic up after it has
	then first three years in the ground. We always take the black plastic up after it has
	been in for 4-5 years.
	We use this to cover the soil in the spring. It is stretched over raised beds and warms
	the soil. Without this product, my business would not be able to exist
	We use it for lots of long-season crops for: weed control, soil warming, moisture
	retention. In Vermont, without plastic mulch lots of cucurbit crops, peppers,
	tomatoes would not be possible in our cool short-growing season
	Warm the soil
	Hops are perennial plants so I need to control weeds without tilling. This is a cheap
	and effective way to control weeds
	and encouve way to control weeds.
	Specific comments regarding the availability and office as of alternatives.
	Specific comments regarding the availability and enforce of alternatives:
	if we could not use black plastic mulch, we would have to invest heavily in
	irrigation.
	There are none. There is no other way to warm the soil enough to be able to get the
	growing conditions we need here in Vermont.
	There is none except paper, which is a disaster. Would love to be able to use
	biotello/bio360
	Straw and wood mulch are much more expensive and need to be bought yearly. I
	use these as well as another layer of barrier directly around the plants
A queque notassium	No comments received
silianta	
sincate	



Elemental Sulfur	2020 Sunset:		
	Producer Comment: Used for soil acidification for blueberries to lower pH also		
	used for dusting for powder mildew. No alternatives available that are naturally		
	mined and lower pH.		
	Producer Comment: Used to correct sulfur deficiencies in the soil, and also applied		
	as a foliar feed at flag leaf of wheat to increase protein and plant health. I do not		
	know of any other sulfur only products.		
	Producer Comment: Used with electric sulfur evaporators to prevent powdery		
	mildew in cucurbits. This is a critical material in my production.		
	2017 Sunset		
	2017 Sunset: Specific comments describing the use of this substance on organic forms:		
	Necessary to manage soil pH to grade a favorable soil to granhering that in addition		
	recessary to manage son pri to create a favorable son to cranoennes that in addition		
	For organic bluebarries as the only organic soil amondment available in high pH soil		
	here		
	Control mites		
	It is used to lower the pH of my soil to create a better environment for my blueberry		
	nlants		
	It is used as a fungicide on fruit primarily apples		
	Need to keep the pH of the blueberries in an acid state		
	To acidify alkaline soils		
	I use Kumulus DF or Microthiol Disperss every 10 days during the growing season		
	from April through color change in early August. This spray is the foundation for		
	my Powdery Mildew control.		
	Elemental Sulphur is burned during the kilning process in order to reduce the		
	bacteria presence on the grain kernels		
	To acidify soil for blueberries		
	Mildew control wine grapes		
	We use Elemental Sulfur as an insecticide and a fungicide. With the pressure of		
	Powdery mildew in certain varieties, it is imperative to have many tools to control it.		
	Critical control for mildew		
	Net many products available. Others are far too costly and ineffective. None		
	Post moss is one possible alternative		
	It would take significant more next moss to lower pH to the extent sulfur can		
	We use many approaches to fungal diseases and sulfur is on option for us in		
	situations that have high fungal disease pressure. Some weather conditions and fruits		
	have more fungal pressure and sulfur is a limited but important part of our disease		
	control		
	Do not know what else to use		
	There is no substitute available		
	There really are none.		
	Not aware of any substitutes		
	None that I know of		



	Compost tea made on farm from ORMI compost effective for some varieties, more
	protective of beneficial insects.
	There are few alternatives available but to save the few we have there needs to be a
	rotation of all to prevent resistance to any one substance
	Easy to use, cheap and effective on all stages of mildew life cycle
Lime Sulfur –	<u>2020 Sunset:</u>
including calcium	Producer Comment: Lime sulfur is the ONLY product that we have to blossom
polysulfide	thin. Without it we revert to alternate bearing years and hand labor to thin. It isn't
	perfect for blossom thinning but it is all we have and we use it for mildew control
	also. Organic labeled product is readily available.
	How has the new anal of finablicht control antibiotics imported your use of
	How has the removal of firedinght control antibiotics impacted your use of
	Lime Sullur? We wavely arrow on extra lime sulfur arrow in the early arrive to help with
	fireblight
	incongit.
	Has the importance of lime sulfur in your organic farm system plan increased
	or decreased during the current sunset review cycle?
	Increased It is very critical to our success as organic growers
	niereuseu. It is very entieur to our success us organie growers.
	2017 Sunset:
	Specific comments describing the use of this substance on organic farms:
	Lime Sulfur is our "Dormant Spray." We only use it once a year and it is a critical
	spray for us. It keeps the Willamette Mites off our vineyard and also helps kill off
	any over-wintering mildew spores.
	We use Lime-Sulphur mixed with Crocker's Fish oil for a blossom thinner on Asian
	pears. If we do not use it, the thinning process by hand is extremely labor intensive.
	Thinning, mildew, Fire blight at bloom
	Been using this very important material since 1976. Essential thinning and scab
	control. There is no other material that comes close to taking care of scab
	To control Fire blight
	Specific comments regarding the availability and efficacy of alternatives:
	There are none.
	We have not found any alternative that works
	There is no alternative
Sucress ester este	I here are some but with different modes of action
Sucrose octanoate	No comments received
Hydrotod Limo	2017 Sunset:
	2017 Sunset. Spacific commonts describing the use of this substance on organic forms:
	This is used almost universally in mushroom casing for disease control. It is
	important to raise the nH of the casing material into a range that makes it less
	vulnerable to weed molds such as Trichoderma. Other nH adjusters require much
	larger quantities to do the same job and change the structure and texture of the
	casing material so that it is not suitable for production
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To control clubroot of cole crops when alternative management is not sufficient. **Specific comments regarding the availability and efficacy of alternatives:** There are no viable alternatives that I know of. As mentioned above, it is possible to adjust the pH with other materials, but doing so changes the nature of the casing material. This material has been used this way for many decades and it would be hard to find a better way.

Clubroot can persist even when all management recommendations are followed: five year rotation, sanitation between fields, and liming. Rotation is not fully effective because of the ability of weed species to perpetuate the disease. Complete sanitation between fields is impossible, and not all soils can be maintained at the recommended pH, nor would doing so benefit all crops in a healthy rotation. Fast acting lime (hydrated) is essential when clubroot persists even when following the above described cultural practices



Liquid Fish	2020 Sunset:			
Products	Producer Comment: Used as plant fertilizer. It is critical.			
	Producer Comment: We use liquid fish products to foliar feed both vegetables and			
	pasture crops. It is necessary as a means to deliver crop nutrition naturally in season			
	without the risks associated with compost production and application. There are			
	very few alternatives that boast the same benefits as liquid fish as it relates to			
	biological activity in soil. Other nutrient specific alternatives do not come close to			
	enhancing the rhizosphere like liquid fish.			
	Producer Comment: Fish hydrolysate is critical to keeping soil microbes healthy in			
	our soil. No alternatives noted for this type of use. Not having fish would result in			
	25% reduction in yields. It is critical to my operation.			
	Producer Comment: I use it for foliar application, drench, fertigate. It is a			
	necessary input because it's very nutritious and it economically feasible and so easy			
	to apply. We as an organic operation could not function to the expectations of			
	quality we have today without a fish emulsion product. We don't really have many			
	other products that are as economical and as readily available. It is an easy product			
	to use and it is a fast acting product. Fish emulsion goes hand and hand with a			
	wholesome ecological friendly crop program because applying this input to your			
	ground helps beneficial properties of your soil. It is critical.			
	Producer Comment: It is used as a starter, foliar spray, and sidedress. Used to			
	enhance growth, yield and feed soil life. No replacement for enzymes in Fish			
	Fertilizers.			
	Producer Comment: Used for foliar applications for times when nutrients might			
	not be available in the soil due to temperature, moisture, etc. Alternatives are not			
	nearly as effective, often more expensive, and not locally produced. It is critical for			
	my operation.			
	Producer Comment: Used as a biostimulating source of macro and micronutrients			
	in addition to amino acids and carbon. Plant derived organic substitutes lack			
	efficacy in some regards; no known direct replacements. This is higly critical for			
	the success of my farm.			
	Producer Comment: Fantastic source of N. Wonderful microbial stimulant for			
	fungi, probably the best fungal food. Fish has been the best product we have found			
	for organics to deliver necessary N while stimulating natural soil biology.			
	Producer Comment: Used as a biological stimulant to increase microbial activity			
	in the soil and to increase plant physiology. Increases healthy root growth, decreases			
	need for "rescue chemistry products" by increasing soil health. Enhances efficiency			
	of other fertility inputs. Absolutely critical for organic farming operations and any			
	goal of healthier soils. No other organic inputs come close to what good acid-			
	stabilized fish hydrolysate can do for healthy soil building. Others have more N			
	value but that is NOT what true organic production is about. The components in this			
	type of fish products have no equal in biological performance.			
	Producer Comment: Fish hydrolysate is used as liquid fertilizer for our fruit trees.			
	We run it through our micro-irrigation lines to target the roots of trees. Few			
	companies sell the fish hydrolysate we like. We get it from Pacific Gro. An			
	alternative source may not be as safe/healthy to put on our soil.			



Producer Comment: Good source of plant available nutrients, feeds biological soil life. It is critical on my farm.

Producer Comment: Fish is used to feed the microbes in the soil. I inject fish into the soil in the fall to keep the microbes alive and growing through the winter and also use it as a foliar spray on the plants. Nothing compares with cold pressed fish hydrolysis. My land is soft and tilthy due to fish. My farm has earthworms and my soil is healthy from the use of fish. Fish is a vital product. The price is reasonable and the results are great. I do not believe there is a comparable product out there. **Producer Comment:** Used on soil as Main nitrogen source and soil biological inoculant. No alternatives.

Producer Comment: We use as a soil application to feed the soil microbes & as a foliar as a nitrogen source. Fish fertilizer is a major part of our fertility program. It would be difficult to replace it because of the combination of oils, proteins, amino acids and plant available minerals. I know of no other fertilizer that gives the fertility that fish does. Fish contributes to the soil environment and improves the soil.

Producer Comment: We use Fish Hydrolysate primarily as a supplement to our soil building program but also benefit from the N. It is a great source of enzymes and amino acids for our soil biology and also provides a good source of complex carbohydrates. We have not found any other product that is able to provide all the benefits as the Hydrolysate.

Manufacturer Comment: Most customers use fish Hydrolysate pre-plant application and follow up with regular applications to keep the micro-organisms active. This allows for a organic grower to keep their soil healthy without the danger of hazardous run-off into creeks and streams. Most of our customers depend on our products as the base of their fertilizer programs. There a few alternatives for the Hydrolysate. This is a unique and vital product for our customers.

Producer Comment: Used as a nitrogen source pre-plant and foliar applied. Alternatives of compost or manure can only be applied effectively pre-plant. Liquid fish is the only source I know that can be a source for foliar applied Nitrogen. This material is critical.

2017 Sunset:

Specific comments describing the use of this substance on organic farms: We use whole fish hydrolysate. It builds the soil and provides lots of trace

minerals—sulfur, zinc, and copper plus lipids and other items.

foliar spray, improve soil and plant health

Used as fertigation through my irrigation system. Liquids are utilized through the soil faster and more efficiently, leading to increase proficiency. The cost of equipment has been an investment. It provides needed micronutrients that improve soil biology and root systems. There are very limited organic liquid fertilizers available on the market and with fertigation that is important.

My trees struggle in clay soil. These bring vigor to the trees, helping them produce a crop. Will not use anything else. Nothing works as great as the fish fertilizer. Tried many other products.

SINCE 1985
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trade association
1-foliar feeding of greenhouse starts for transplanting 2- added to drip-line irrigation in tomatoes and peppers grown in a greenhouse to supplement cover crop and soil incorporated fertilizer We are using Dramm Liquid Fish fertilizer on our black currants, applied as a foliar spray three times during the growing season. We hope to not only provides nutrients for our current plants and improve the Brix in the fruit, but to also improve the health of the soil microbiome We apply emulsified fish in furrows at planting in our row crops, and as a foliar fertilizer on small grains, hay. Emulsified fish provides an economical source of essential nutrients for delicious and nutritious certified organic food
I rarely use it. I do not agree with the approved uses of synthetics in organic inputs. Foliar feeding, soil application—it is very good for soil biology for healthier plants and better fruit. Improved plant health that suppresses disease and insects Our hay crop is sprayed 2 times a year with outstanding results—sweetest smelling hay around with very healthy cows and horses
We apply it foliarly. It improves crop yield and reduces both insect and disease pressure
We use it through fertigation, after conducting soil tests and plant tissue analysis. We especially depend on it to tweak fertility for our more valuable and finicky crops, like tomatoes, strawberries, raspberries, and high tunnel crops. In cold soil, this substance is more available to our crops than compost or manure inputs, which is invaluable to us
Seedling Soil Life Enhancer, Seedling Fertilizer Level Stabilizer, Foliar Feed, Emergency Fast Acting Crop Nitrogen Supplement. Why? It is needed for stabilizing nutrition in the small 4" pot soil volume at seedling growth stage. It enhances diversity of life, and more varied inputs make more varied soil life. It fills the need for a liquid organic fertilizer Foliar feeding enhances foliar life, thus suppressing foliar diseases
Specific comments regarding the availability and efficacy of alternatives:
There are few if any available alternatives to liquid fish fertilizers that provide the necessary benefits. If unavailable I would be forced to make my own liquid fish "tea."
There is nothing we can use that delivers as much nitrogen for so little cost that the plants use totally and fully.
I used to purchase other products, but those companies had either dissolved or stopped carrying those products. I know the local district representative, so the whole process has been very convenient
Very few alternatives. Liquid form means less product to get desired results Most chemicals used today kill or harm the necessary biology that uses the carbon or humus to feed the plants. Not aware of any alternatives
There is none
There are few alternatives for emulsified fish. These alternative fertilizers are more expensive and they are not as effective.



	I think fish products are beneficial addition in organic crop production, but I do not understand how NOP can allow the use of synthetics to stabilize this product and still consider this an organic product. There are citric acid products available and other methods can be used to stabilize the fish product without the use of synthetics. There are few if any equivalent alternatives to liquid fish fertilizer. Where nutrient equivalents exist, they are not economically viable due to their high cost, No equivalents that supply so much. I do fine without Not aware of anything that would be equivalent Fewer and fewer products like this are available. None It is the only liquid nitrogen rich fertilizer available. Have not found any organic fertilizer that can compare to the results at near the cost where I'm located at. There are few if any equivalent alternatives to liquid fish fertilizer. Equivalent products are typically cost prohibitive. We do not have a comparable product. I am not aware of good alternatives in liquid form that have the benefits of liquid fish. Liquid products have so much more flexibility in application. We generally use dry fertilizer because it is less expensive. Other liquid organic fertilizers are similarly or more expensively priced and typically more "manufactured." I don't know of any Rotted compost/aged manure. Time consuming. Expensive. Doesn't work like fish in the spring. Limited/Unstable I'm not aware of alternative products with the same benefits. I for thave of alternative products with the same benefits. I don't know of any. I could use soil amendments but it is good to have if I notice that the garlic has some nutritional problems after it is already planted.
Plant Growth Regulators: Ethylene gas—for regulation of pineapple flowering	2020 Sunset: Producer Comment: It is used to induce flowering of the pineapple plants. It is necessary to produce fruit when needed, in a uniform fashion, meeting quality specifications, and organizing all agricultural practices including pest and disease control. There are no alternatives to this product. Other options such as the use of smoke or ice actually cause ethylene to be emitted by the plants as a result to these stress factors. These options are not effective and much more costly. There is currently no way to capture this naturally occurring gas from vegetative sources. This is a critically important material. Producer Comment: Ethylene gas is used to induce the flowering in the pineapple crop. It's used once on each production cycle and applied 5 months before fruit harvest. Actually, for the organic pineapple farming there is no substitute for its use.

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C	t	rade	associ	ation

2017 Sunset:

	<u>2017 Suiset.</u>
	Three survey responses representing 2,140 acres of organic pineapple in Costa Rica.
	Specific comments describing the use of this substance on organic farms: Ethylene gas is mixed with activated carbon and water and sprayed on pineapple fields to induce flowering. This is a highly-effective method to cause the plants to uniformly begin the fruit production process, allowing for programmed harvesting and fruit shipments. Ethylene gas is used for flower induction in any pineapple field to program harvest. I use it because is the only way to plan the production and to induce to flowers. I have 15 years' working in pineapple organic and I don't know another way to make this.
	Specific comments regarding the availability and efficacy of alternatives: There are no alternative substances or practices that can effectively induce flowering in pineapples. There is no available alternative for this ethylene use. I don't know another alternative to induce flowers in pineapple. In Costa Rica we have a lot of experience in organic pineapple production. Most of the pineapple in the world is from here, and we don't have alternatives.
Sulfurous Acid	No comments received.
Microcrystalline Cheesewax	No comments received.
Potassium chloride	No comments received.

In closing, we thank the Board for its time and commitment. OTA is committed to collecting information from our broad membership and beyond in order to assist NOSB in determining whether or not a substance on the National List remains necessary in organic crop production.

Again, on behalf of our members across the supply chain and the country, OTA thanks NOSB for the opportunity to comment and for your commitment to furthering organic agriculture.

Respectfully submitted,

Nathaniel Lewis Senior Crops and Livestock Specialist Organic Trade Association

cc: Laura Batcha Executive Director/CEO Organic Trade Association

