



PO Box 821, Viroqua, WI, 54665 Ph:(608) 637-2526 Fax:(608) 637-7032 mosa@mosaorganic.org www.mosaorganic.org

Sprout Organic System Plan

This plan is to be submitted with the Farm Organic System Plan.

SECTION 1 General Information

Name(s)	When do you anticipate having your sprouts ready for sale?	For Office Use	
Do you understand current National Organic Standards and MOSA Program Manual requirements applicable to sprout production certification? <input type="checkbox"/> Yes <input type="checkbox"/> No (specify):		Date Rec'd	Date Farm OSP Rec'd
		Initials	

SECTION 2 General Description

NOS §§205.201, .272

A. Indicate what type of sprouts you are requesting certification for:

Beans: mung adzuki lentils soy peanut Chinese red peas chickpeas other (specify):

Leafy sprouts: alfalfa clover cress lettuce flax other (specify):

Grains: wheat oats rye buckwheat spelt triticale quinoa kamut other (specify):

Brassicas: radish mustard broccoli arugula Brussels sprouts cabbage other (specify):

Nuts/seeds: almond sunflower pumpkin other (specify):

Alliums: garlic leek onion other (specify):

Exotics: fenugreek other (specify):

Do you sell any mixed organic sprouts? Yes No
 Do you produce any grasses as part of your organic sprout operation (wheatgrass, oatgrass, etc.)? Yes No

B. Do you produce any non-organic sprouts? No Yes. **List types:**

Describe measures taken to prevent organic sprouts from contamination by prohibited substances:

Describe measures taken to prevent commingling of organic and non-organic sprouts:

Describe all sprout production facilities below: *Attach facility maps and production flow charts.*

FACILITY IDENTIFICATION (name, number, etc.)	FACILITY LOCATION	TYPE OF CONTAINERS	SPROUT CATEGORY (such as BEAN, LEAFY, GRAIN, GRASS, etc.)

SECTION 3 Seed Sources

NOS §§205.105, .201, .204

The National Organic Standards require that seed for organic sprouts be certified organic.

List all seed used for sprouts (use additional sheets as necessary):

SEED TYPE/VARIETY	NAME OF SOURCE	HOW IS CERTIFICATION VERIFIED? (organic certificate, receipt, transaction certificate)	NAME OF CERTIFICATION AGENCY

How do you treat seed to prevent food-borne pathogens? not applicable heat hydrogen peroxide peracetic acid
 ozone products/processes other substances as per NOS §205.105 (specify):

SECTION 4 Production Methods

NOS §§205.105, .201, .203, .272

Sprout production and handling must meet the general production and handling requirements of the National Organic Standards.

A. SPROUTING CONTAINERS:

What type(s) of containers do you use for sprouting? buckets trays tubes bags other (specify):

What are containers made of? stainless steel plastic other (specify):

Are the same containers used for sprouting also used for packaging for sale? Yes No

Is a soil mix used for sprouting? No Yes. List all products used in the mix on the Crop Input Inventory form, including mix used for non-organic sprouts, if applicable (*any land used for sprouting must be reported on Farm Plan Organic System Plan, including 36-month Field History*). Provide ingredients information for any products not previously approved for use by MOSA.

B. WATER:

What is the source of water used for sprout production? on-site well river/creek/pond spring municipal/county irrigation district other (specify):

What is water temperature range and how is this controlled?

Does the water have any additives? No Yes. List the additives:

What is frequency of rinsing and how does this vary throughout the sprouting process?

Annual nitrate and coliform bacteria tests are required for organic sprout production. Attach test results.

C. NUTRIENTS:

Do you use any nutrients/fertilizers in the sprouting process (aside from soil mix ingredients already listed)? No Yes.

How are these introduced?

Please list all fertilizers used on the Crop Input Inventory form, including those for any non-organic production and provide ingredients information for any products not previously approved for use by MOSA.

D. LIGHT:

Is light used in the sprouting process? No Yes. **What is the light source?**

E. OTHER MANIPULATION:

What other means are used to manipulate sprout characteristics? none weights control of air temperature other (specify):

Do you use any hull removal procedures? No Yes. **How is this done?**

SECTION 5 Sanitation

NOS §§205.105, .201, .206

Inputs for controlling microbial contamination for organic sprout production must be approved per NOS §205.105. Sprout producers must comply with FDA and other applicable Federal and State regulations.

What contamination problems have you experienced in your organic sprout operation?

How do you monitor for product deterioration or presence of pathogens? use of pathogen test kit check smell of product check appearance of product other (specify):

How is microbial growth controlled? not applicable monitoring of temperatures during sprouting rapid cooling at harvest ultraviolet lights rinse sprouts with chlorination as allowed by Safe Water Drinking Act equipment sanitation other (specify):

Describe equipment cleaning procedures:

Cleaning products used must be listed on the Crop Input Inventory

SECTION 6 Packaging and Marketing

NOS §§205.201, .272, .303 - .311

MOSA requires all labels to be approved before use. All packaging and transport containers must not compromise organic integrity of the certified product.

How are sprouts stored before sale (location, temperature, humidity, etc.)?

not applicable

Do you remove excess water from sprouts before packaging? No Yes. **How is this done?**

Indicate how sprouts are sold: (Check all that apply) 1/2 pint box pint box bags bulk box retail markets wholesale other (specify):

What volume of sprouts do you expect to produce this year (pounds, gallons, etc.)?

SECTION 7 Maintenance of Organic Integrity

NOS §§205.103, .201, .202, .272

The National Organic Standards require that no prohibited substances compromise the integrity of the organic sprout system.

HARVEST, STORAGE, ON-FARM PROCESSING/HANDLING, TRANSPORTATION, LABELING, SALES AND RECORD-KEEPING information about your sprout operation must be included in your Farm Organic System Plan.

Return this form with the Farm Organic System Plan.