



# Mushroom Organic System Plan

Use this form to describe your operation. If a question does not apply, indicate "none" or "N/A" if not applicable. This plan is to be submitted with the **Farm Organic System Plan**.

Status:  
Contact:  
Subject:  
Date:  
Type: 2019

Comments

## GENERAL INFORMATION AND DESCRIPTION OF PRODUCTION NOS §§205.201, .202, .272

Areas and facilities listed below must be identified on attached **maps**. Outdoor areas must have clearly defined boundaries and buffer zones, which also must be indicated on **maps**.

Describe all organic mushroom production areas/facilities.

In the "Identification" column, list the harvest area ID as listed on your attached **map(s)**.

Please verify the lines below. Use the table to add new items. If there isn't enough room, attach a separate list with the same column layout.

### Mushroom Facilities

Identification	Location	Description	Size (list as sq. ft. or acreage)	Mushroom Common name

Additional Comments

2. How are outdoor production areas managed during the entire mushroom growing period?

3. Do you have any nonorganic mushroom production?

Yes  No

If "yes," list all nonorganic mushroom production areas/facilities in the table below. *Areas/facilities listed below must be identified on **map(s)**.*

Please verify the lines below. Use the table to add new items. If there isn't enough room, attach a separate list with the same column layout.

### Nonorganic Mushroom Facilities

Identification	Location	Description	Size (list as sq. ft. or acreage)	Additional programs (Handler)	Also used for Organic?	Mushroom Common name


Additional Comments

5. If you produce nonorganic mushrooms, how do you prevent commingling and contamination to your organic mushrooms? *Check all that apply.*  
 organic mushrooms are labeled       separate production facilities are used       separate equipment is used  
 equipment is cleaned before use       other

6. If "other," explain.

7. How do you maintain records documenting a separation of organic and nonorganic mushrooms through all phases of your operation?

**Question(s) not listed are for office use only.**

**SOURCES OF SPAWN AND SUBSTRATE NOS §§205.105, .201, .203, .204**

MOSA requires that organic spawn be used to produce organic mushrooms when commercially available. Nonorganically produced spawn that have not been treated with a prohibited substance and have not been raised on genetically modified substrate may be used when organic spawn are not commercially available. Mushroom strains used must not be genetically engineered. Document your organic spawn search on the **Organic Search** form.

List all spawn used in the table below.

**Please verify the lines below. Use the table to add new items. If there isn't enough room, attach a separate list with the same column layout.**

Spawn and Substrate Sources			
Spawn type	Organic?	Source	Certifier


Additional Comments

11. If any nonorganic spawn is used, what verification do you have that prohibited substances were not applied during spawn production, and that spawn and spawn substrate were not genetically engineered?

12. **WOOD PRODUCTS USED AS MUSHROOM PRODUCTION SUBSTRATE:** Sawdust or wood products used for substrate must not be from wood treated with prohibited substances. Submit an **Off-Farm Manure and Bedding Verification** form for sawdust used as a substrate. Logs used as substrate must be from sites that have not been treated with prohibited substances for at least 36 months prior to tree harvest. Complete a **3 Year Field History** form for sites under your management or submit a **Prior Land Use Declaration** form completed by the land owner or manager for log sites not under your management.

Do you use logs as a substrate for organic mushrooms?

Yes  No

13. Did you manage the property they were grown on for at least 36 months prior to tree harvest? *Submit a 3 Year Field History form or a Prior Land Use Declaration form.*

Yes  No  N/A

14. Are any other wood products used as substrate?

Yes  No

15. If "yes," list the products used, their sources and describe what verification you have that the wood is not treated and does not contain prohibited substances. *If you use sawdust, submit an Off-Farm Manure and Bedding Verification form.*

**AGRICULTURAL PRODUCTS, MANURE AND OTHER MUSHROOM PRODUCTION SUBSTRATE:** MOSA requires that uncomposted substrate from agricultural sources used for mushroom production be organic. Nonorganic agricultural products and manure used for substrate must be fully composted in accordance with National Organic Standards composting requirements §205.203(c).

List all agricultural products used as substrate in the table below.

Please verify the lines below. Use the table to add new items. If there isn't enough room, attach a separate list with the same column layout.				
Agricultural Products Used as Substrate				
Agricultural substrate	Organic?	Source	Certifier	Compliance verification


Additional Comments

17. If the substrate is nonorganic or a manure product, do you have verification that it is fully composted to the NOP requirements?

18. Is any manure used as substrate? *Compost products and manure used are to be described on the **Farm Organic System Plan**.*

Yes  No

19. Do you produce spawn?

Yes  No

20. If "yes," describe the growing media used for spawn if different from the mushroom substrate described above.

**Question(s) not listed are for office use only.**

**PRODUCTION METHODS AND SANITATION NOS §§205.105, .201, .203, .272**

Inputs for controlling microbial contamination for organic mushroom production must be approved per NOS §205.105. The National Organic Standards require that prohibited substances do not compromise the integrity of the organic mushroom system. Prohibited sanitizers and disinfectants must not be applied to organic mushrooms or growing substrate. Use of chlorine and all other products must follow National Organic Standards annotations/restrictions.

23. Describe the system used for mushroom production.

24. **SANITIZERS AND DISINFECTANTS:** List inputs on the **Crop Input Inventory**. Provide product labels and ingredient information for inputs not OMRI listed or previously approved by MOSA.

What sanitizers and/or disinfectants do you use?

25. What sanitizers and/or disinfectants are applied to the mushrooms, spawn or substrate(s)?

26. **COMPLETE:** Is your Organic System Plan complete?

Yes  No

**Question(s) not listed are for office use only.**