| OGP 07: Mushroom Production | USDA Organic Regulations §205.204  Regulation (EU) 2018/848 Annex II, 2.1 |
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| *Complete this form if you grow organic mushrooms, spawn, or ready-to-use products (products containing all the necessary components to produce harvestable mushrooms) such as blocks, kits, or logs.*  *If you harvest wild mushrooms, please complete the* ***Organic Wild Crop Plan (OWCP).*** | |
| 1. **GENERAL**   1. Indicate the type of mushroom production your operation performs: Check all that apply.  Outdoors  Indoors (within a building)  In a greenhouse or shade house  Other (specify):   1. Do you grow both organic and non-organic mushrooms?  Yes  No. *Skip to Question 3.*    1. What measures do you implement to prevent commingling of organic and non-organic mushrooms?    2. How do you prevent contact of organic mushrooms with prohibited substances used in non-organic mushroom production? 2. Provide or attach a detailed description (can include a flow chart, photographs, etc.) of your mushroom production system from spawn to harvest, including activities in each stage.        **Attached**   *All inputs used in mushroom production, including substances/ingredients used for mushroom growing media/substrate, fertility inputs, pest and disease control inputs, and production aids (e.g., wax, water additives) must be listed in* ***OGP 09: Inputs****.* | |
| 1. **MUSHROOM SPAWN**   *Mushroom spawn is spawn media colonized by mushroom mycelium that can be used to inoculate mushroom substrate.*  *Non-organic mushroom spawn* ***may only be used when an equivalent organic option is not commercially available****.*  *Producers must check a* ***minimum of three sources*** *to confirm that they are unable to source organic mushroom spawn in an appropriate form, quality, or quantity for their operation’s needs before purchasing nonorganic spawn. Price cannot be considered for determination of commercial availability. Producers must maintain records that document the names of suppliers contacted, the search method, and whether an equivalent organic option was available in the form, quality, and quantity needed for the operation.*  *If you are producing organic mushroom spawn for sale, all agricultural materials used as mushroom spawn media must be organic, except that nonorganic wood materials are allowed.*   1. Do you produce organic mushroom spawn on your operation? Check all that apply.   Yes, I produce organic mushroom spawn for sale.  Yes, I produce organic mushroom spawn for my own organic mushroom production.  No, I do not produce organic mushroom spawn on my operation. *Skip to Question 7.*     1. List the type and source of your ***spawn media*** for all organic mushroom spawn you ***produce for sale***.  *N/A, I do not produce organic mushroom spawn for sale. Skip to Question 3.*  |  |  |  | | --- | --- | --- | | **Spawn Media** | **Supplier** | **Certified Organic?** | |  |  | Yes  No | |  |  | Yes  No | |  |  | Yes  No | |  |  | Yes  No | |  |  | Yes  No |  1. List the type and source of your ***spawn media*** for all organic mushroom spawn you produce for your own organic mushroom production.  *N/A, I do not produce organic mushroom spawn for my own organic mushroom production. Skip to Question 4.*  |  |  |  | | --- | --- | --- | | **Spawn Media** | **Supplier** | **Certified Organic?** | |  |  | Yes  No | |  |  | Yes  No | |  |  | Yes  No | |  |  | Yes  No | |  |  | Yes  No |  1. If using non-organic spawn media, how do you attempt to source organic spawn media before you determine that organic spawn media is not commercially available? *Attempts to source organic spawn media must be documented.* 2. Do you use wood materials for mushroom spawn media?  Yes  No   If yes, attach documentation that verifies the materials are not treated with prohibited substances after harvest.  **Attached**   1. Do you add any other materials to your spawn media (fertilizers, nutrient supplements, etc.)?  Yes  No   If yes, ***please list these inputs in OGP 09: Inputs.***   1. Does your organic spawn stay under continuous organic management after the mycelium is applied to the mushroom spawn media?  Yes  No. Please explain: 2. Check all of the following types of spawn that you use or plan to use for organic mushroom production:   Produced organically on my operation. Answer **Questions 2-6** above.  Certified organic spawn. *Maintain organic certificates and other records for each supplier*  Nonorganic spawn. *Answer the following questions:*   1. If using nonorganic spawn, how do you attempt to source organic spawn before you determine that organic spawn is not commercially available? *Attempts to source organic spawn must be documented* | |
| 1. **MUSHROOM SUBSTRATE**   *Mushroom substrate is the material on which mushroom spawn grows, and it provides the nutrient source for spawn to grow into mushrooms.*  *Non-organic uncomposted plant materials used as mushroom substrate (e.g. straw, grain, soybean hulls)* ***may only be used when an equivalent organic option is not commercially available****.*  *Producers must check a* ***minimum of three sources*** *to confirm that they are unable to source organic uncomposted plant materials in an appropriate form, quality, or quantity for their operation’s needs before purchasing nonorganic varieties. Price cannot be considered for determination of commercial availability. Producers must maintain records that document the names of suppliers contacted, the search method, and whether an equivalent organic option was available in the form, quality, and quantity needed for the operation.*  *Non-organic ready-to-use mushroom products may not be used to produce organic mushrooms.*   1. What general characteristics do you require for your mushroom substrate? Check all that apply. *The specific form, quality, and quantity considerations you use to evaluate commercial availability must be documented in your records.*  |  |  |  |  | | --- | --- | --- | --- | | Available as untreated  Decomposition rate  Species-specific nutrient needs | C/N ratio  Bulk quantity  Grain shape/size | Speed of mycelial colonization  Other. Please describe: | Moisture content  Contamination risk |  1. Check all of the following types of mushroom substrate you use to produce organic mushrooms. *Include all growing media/substrate on* ***OGP 09: Inputs***.   Compost. Complete **OGP 10: Compost & Manure.**  Stumps or logs  Sawdust/woodchips   1. Attach documentation that verifies wood materials were not treated with prohibited substances after harvest.  **Attached**   Ready-to-Use blocks, kits, or logs. *Maintain organic certificates for each supplier.*  **Organic** uncomposted plant materials (e.g., soybean hulls, straw, grain) *Maintain organic certificates for each supplier.*  **Non-organic** uncomposted plant materials. *Answer the following questions:*   1. If using non-organic uncomposted plant materials, how do you attempt to source organic substrate before you determine that organic substrate is not commercially available? *Attempts to source organic substrate must be documented.* 2. What records do you keep to document your search for organic uncomposted plant materials? Check all that apply.   QCS Seed and Planting Stock Record or other search log  Correspondence from suppliers  Invoices and purchase records  Organic certificates  Catalogs  Other. Please describe:   1. How do you verify that non-organic uncomposted plant materials were not treated with prohibited substances after harvest? *Verification must be documented.* 2. Do you add any other materials to your mushroom substrate (fertilizers, pesticides, etc.)?  Yes  No   If yes, ***please list these inputs in OGP 09: Inputs.*** | |