

Basic Crop Inspection Form

INSPECTED PARTY (FARMER AND FARM NAME): Cultivating Community / Sarah Marshall & Craig Lapine					OTHERS PRESENT: Ben Rooney				
AUTHORIZED REPRESENTATIVE HOSTING INSPECTION: Sarah Marshall									
INSPECTOR: Jake Galle					DATE OF INSPECTION: 10/3/2011				
					TRUE	FALSE	NOT	DID NOT	
					YES	SeeCom.	applicable	INQUIRE	**COMMENTS**

§ 205.202 Land requirements.									
1	Land for OG production has been free of application of prohibited substances for at least 36 mo prior to harvest.	X							
2	Treated wood fence posts, herbicide treated field margins, or other potential buffer issues not observed. Buffers are not needed.	X							
3	If buffers are needed they are established adequately to prevent drift or other contamination.				X				
4	Field histories are complete and accurate.	X							Make separate FH for Boyd St. gardens
5	Acreage that is reported is correct.	X							
6	Landownership has not changed.	X							
7	No significant changes in crop production has occurred (compare with crop supplement).	X							
8	Maps are complete, accurate and reflect all fields used in organic production.	X							
9	Are there roadside and utility maintenance agreements were needed?				X				
10	Identify fields that were visited on this inspection:	All							
11.1	Crops are grown in the ground within greenhouses or high tunnels.	X							
11.2	If true, is there any treated wood used in the greenhouse. Please explain.			X					
11.3	If true, are crops in the greenhouse rotated?	X							
11.4	Are there any other compliance issues inherent the greenhouse? Please comment:	n/a							

ADDITIONAL COMMENTS ON 205.202

§ 205.203 Soil Fertility and Crop Nutrient Management									
12	Farmer uses soil tests or other analytical methods to monitor soil quality.	X							
13	The farmer is taking steps to improve the physical, chemical & biological condition of soil.	X							
14	Soil erosion is not an issue.	X							
15	Crop nutrients and soil fertility are managed thru rotations.	X							
16	Crop nutrients and soil fertility are managed thru cover crops.	X							
17.1	Crop nutrients and soil fertility are managed thru applications of plant and animal manures.	X							
17.2	Plant and animal materials are managed to improve soil organic matter content while not contaminating crops, soil, or water with excess nutrients, pathogens, heavy metals or prohibited chemical residues.	X							
17.3	Uncomposted animal manure is used, but it is either applied to crops not intended for human consumption, or the appropriate waiting period after incorporation into the soil is observed. Please comment. § 205.203(c)(1)(ii);(iii)				X				
17.4	Side dressing with manure, improperly composted manure, and livestock bedding DOES NOT OCCUR.				X				
18	Livestock are kept out of growing areas for crops intended for human consumption in order to comply with manure waiting periods.				X				
19.1	Compost is used on this farm. If true continue...	X							
19.2	Compost is purchased from a known and approved supplier. Name supplier in Comments.	X							Benson compost

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				YES	See Com.	applicable	INQUIRE	**COMMENTS**

19.3	Compost is made on-farm but contains only plant matter of no recognizable contamination risk. [note: municipal grass clippings, leaves pose a risk and require comments]	X					
19.4	Compost is made on-farm using feedstocks of animal origins such as manure.		X				
19.4.1	Such compost is made in a vessel or static aerated pile and heated to at least 131° F for at least 3 days.		X				
19.4.2	Such compost is made in a windrow composting system and is heated for 15 days to 131° F and turned at least 5 times.		X				
19.5	I observed a compost thermometer.		X				
19.6	Such compost is made without regard for temperature or turning, but is applied in a manner that complies with the manure waiting period.				X		
19.7	Comment about the quality of the compost and its conformity with the NOP regs here.	Several piles, look to be breaking down nicely.					
20	There are no signs of excesses or deficiencies or other fertility problems. If this is false, provide comments.	X					
21	Water for irrigation is well water. If this is False, identify the irrigation source in comment. Include comments on potential contamination.	X					
22	No sewage sludge or organic amendments made from sewage sludge are used.	X					
23	No quick, paper or fiber lime, calcium hydroxide, urea, leather by products, highly soluble nitrate, phosphorus, chloride or ash from industrial sources used on fields is used on fields.	X					
24	Only approved synthetic substances (see National List) are applied to fields.	X					
25	OSP is detailed and accurate with regard to 205.203. (If not, explain in comments and cite noncompliance under § 205.201 or 406)	X					

ADDITIONAL COMMENTS ON 205.203

§ 205.204 Seed and planting stock practice standard							
26	There is evidence that farmer has searched for organic seed varieties.	X					
27	Use of conventional seeds is in compliance because farmer has demonstrated that the kind, quantity or quality of planted varieties are not available in an organic form.	X					
28	Farmer uses seeds left over from previous seasons and saves his/her own seeds.	X					
29	Farmer does NOT use seeds treated with prohibited substances. All inoculants and pelleting materials are in compliance and documentation was verified.	X					
30	Farmer does NOT use any genetically engineered seeds. If conventional corn, soy or other common crops are sown, documents are present to confirm that these seeds are not GE.	X					
31	All purchased seedlings are certified organic.				X		
32.1	All purchased planting stock is certified organic.				X		
32.2	If conventional perennial plants and planting stock is used the produce is not labeled as organic until 1 year after purchase.				X		
33	Seedlings are grown on farm.	X					
34	Materials and methods for seedling production are as described in plan.	X					
35	Soil mixes and amendments are permitted.	X					

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36	If a greenhouse is used, there are no practices or materials in this greenhouse that would compromise organic seedling production.	X						
37	If farmer makes his/her own soil mix, it is accurately described in the farm plan and the ingredients are in compliance with the regulation.				X			
38	List any seed starter materials and inputs that are not adequately disclosed in farm plan or that you think may be in compliance.	n/a						

ADDITIONAL COMMENTS ON 205.204

§ 205.205 Crop rotation practice standard.								
39	In a given field/plot, last year's annual crop is not the same this year's.	X						
40	Fall/winter cover crops are planted.	X						
41	Cover crop/green manures are part of growing season rotation.	X						
42	Cover crop seeds are certified organic.	X						
43	Crop rotation is adequate. No additional explanation required.	X						

ADDITIONAL COMMENTS ON 205.205
They are going to start rotating by crop families to help with pest and disease pressure.

§ 205.206 Crop pest, weed, and disease management practice standard.								
44	Based on your observations of crop plants, field margins and farm practices, there is no reason to suspect that prohibited methods or materials have been used to deal with pests, weeds, or disease.	X						
45	Cultural measures have been employed to deal with insects pests.	X						Cut worms, flea beetles - remay, hand pick.
46	Cultural measures have been employed to deal with weeds.	X						Hand pick
47.1	Mulches are in compliance. If false, provide comments.	X						
47.2	If black plastic is used this is removed at the end of the growing season.	X						
48	Cultural measures have been employed to deal with disease.	X						
49	Products used for crop pest, weed, and disease control are described in the farm plan. (If not, explain in comments and cite noncompliance under § 205.201 or 406)	X						
50	Products are all known to be in compliance with NOP regs.	X						
51.1	Storage areas for ALL PRODUCTS & INPUTS have been inspected.	X						
51.2	Storage area is secure.	X						
52	LIST ANY PRODUCTS/MATERIAL INPUTS NOT INCLUDED IN FARM PLAN. LIST ANY MATERIALS THAT REQUIRE A COMMENT OR EXPLANATION ABOUT USE ON THE FARM AND PROVIDE EXPLANATION. Provide formulation names.							

ADDITIONAL COMMENTS ON 205.206

§ 205.207 Wildcrop harvesting								
53	Location/field is documented in plan and is eligible for certification (see 205.202).				X			
54	Crop is being harvested in a sustainable manner; sufficient seeds/propagules are left to maintain the population.				X			

ADDITIONAL COMMENTS ON 205.207

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					YES	SeeCom.	applicable	INQUIRE	**COMMENTS**

§ 205.236--239 LIVESTOCK SECTIONS Farm is certifying livestock or livestock products and this aspect is part of their application or farm plan. If TRUE, complete a Livestock inspection form. If lacking and producer expects inclusion, contact MCS.

§ 205.270 Organic handling requirements.									
55	Post harvest handling is adequately described in farm plan.	X							
56	Cleaning/handling/packaging area is ON-FARM.	X							
57	No off-site or third party facilities are involved in handling or packaging or crops. If FALSE, provide details in comments.	X							
58	Water used to rinse greens and other ready-to-eat crops meets State drinking water standards.	X							
59	Cleaning and handling areas for harvested crops are clean and orderly.	X							
60	No materials or substances are added to rinse water or to crops post harvest (e.g., chlorine in rinse water).	X							
61	Crops are stored for long periods after harvest. Volatile prohibited substances or other threats to the integrity of organic crops are not issues in these storage areas.					X			
62	Labels are used and are in compliance with the rules (Please submit a copy of labels).								
63	Briefly comment on post harvest handling and crop product storage – nice wash area under a large tree providing a canopy. Sinks and wire mesh table for sorting/washing. Crops are generally harvested on the day of distribution. Two refrigerators in barn used to store crops if needed.								

ADDITIONAL COMMENTS ON 205.270

PROCESSOR HANDLER. Farm needs to certify what MCS considers processing/handling and OSP includes this info. If TRUE, complete Processor inspection form. If lacking and producer expects inclusion, contact MCS.

§ 205.271 Facility pest management practice standard.									
64	Pests (rodents, storage insect pests) are not a problem for this farm.	X	X						Mice/woodchuck ate some winter squash
65	If pests are a concern, farmer has taken steps to prevent pest problems in and around farm facilities (barns, storage, packing areas) by keeping areas clean, limiting access by pests...					X			
66	Farmer is using mechanical and physical controls (traps, sounds...) to control facility pests.					X			
67	Farmer is using lures and repellents consistent with National List.					X			
68	Farmer has demonstrated that the above measures have been used and were not successful. Please describe what farmer is using to control these pests:	n/a							
69	The above measures are described in Farm Plan and sufficient steps have been taken to prevent contact with organic products.					X			

ADDITIONAL COMMENTS ON 205.271

§ 205.272 Commingling and contact with prohibited substance prevention practice standard.									
70	No conventional farm production is occurring on this farm.	X							
71	If conventional production is present, necessary measures are being taken to prevent commingling and confusion of organic with non-organic product.					X			

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72	If conventional production is present, necessary measures are being taken to prevent contamination of organic product and materials used in organic production.					X			
73	Packaging materials and storage containers are free from prohibited materials (e.g., fungicides) and steps are taken to use only clean supplies.	X							
74	There is dedicated equipment for organic production. There is no sharing of tractors, sprayers, tillers, etc.	X							
75	Equipment is cleaned or purged to avoid contamination.					X			
76	Farm staff are well informed about the organic standards and steps have been taken to minimize mistakes (e.g., signs, color coding, written procedures).	X							
77	Harvested organic crops are not being directly or indirectly exposed to prohibited materials while in storage.	X							

ADDITIONAL COMMENTS ON 205.272

§ 205.103 Recordkeeping by certified operations.									
78	There are records documenting seed/seedling/perennials search and purchases.	X							Johnny's, Fedco, High Mowing, Maine Potato Lady
79	There are records documenting inputs and materials used including dates, source, rate, location.	X							See attached input chart
80	There are records verifying field activities such as planting dates.	X							Spreadsheets and maps
81	Pesticide application logs exist and are up-to-date.					X			
82	There are records documenting manure application to fields as well as harvest dates so that manure waiting period can be verified.					X			
83	There are records documenting compost production, including temperature data, turning dates and feed stocks.					X			
84	There are equipment cleaning records.					X			
85	There are crop rotation records.	X							
86	Receipts for inputs are kept and available for inspection.					X			
87	For direct market sales (farmers markets, CSA Farm) a daily receipts log or csa share sales or kept.					X			
88.1	For farms that sell to local markets, a log book and/or invoices are kept of sales.					X			
88.2	For farms that sell to local markets, harvest records for crops grown and harvested from multiple fields at the same time of the year are kept.					X			
89.1	For farms that sell to third party buyers, sales invoices with lot numbers are kept.					X			
89.2	For farms that sell to third party buyers, inventory records for stored products are kept.					X			
89.3	For farms that sell to third party buyers, harvest records for each crop are kept.					X			
89.4	For farms that sell to third party buyers, an audit trail can be done.					X			
90.1	If produce is bought in from other farms, records for the amount of produce bought in are kept and certification documentation is available, if applicable.					X			
90.2	If produce is bought in from other farms, records for the amount of "bought in" produce sold is kept.					X			

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91	What was gross income from organic product sales last year and what document was viewed?	Did not inquire						
92	Records are kept for at least 5 years.	X						

93 Overall comments on record keeping:
 Planting dates and maps, input applications, and seed receipts all were available for inspection. Good organization. No receipts for inputs available or sale records (Sales are minimal). Also no written seed search records. Sarah mentioned there were a couple special varieties of onions, peppers, and tomatoes that they used and couldn't find organically. Input application records do not include rates.

INSPECTOR NARRATIVE AND ADDITIONAL COMMENTS: **Check here if attached separately**

Sarah Marshall oversees the farm work and farm education element of Cultivating Community – a farm and organization that is promoting sustainable agriculture, providing healthy food to lower income families, and developing agricultural education for the youth of Portland. Sarah along with Ben Rooney oversees two areas of growing. The first is on Boyd Street in Portland. This urban farm is for teaching and also providing some vegetables to the surrounding community. Two garden plots are made up of mixed vegetables – tomatoes, eggplant, kales, beans, and some rows already pulled and cover cropped in oats. Additionally they had a container garden on the north end of the garden – this consisted of many five-gallon buckets in which they were growing summer squash and cucumbers. This year they had some flea beetle damage at this location. The rat issue from last year is no longer a problem since they have stopped the making of compost at this spot. Beds looked good and fairly weed free.

The second location is in Cape Elizabeth at Turkey Hill Farm. This location has three fields in cultivation, a hoop house, wash station, and storage for tool and inputs. The Main garden was beginning to get cover cropped at the time of inspection. Rye, vetch, and clover were coming up in various locations. They still had carrots, cabbage, eggplants, lettuce and salad greens growing as well as some potatoes to dig. This year the flea beetles completely destroyed their onion crop. They spoke with Eric Sideman about this and he stated he had never seen such a thing. Cutworm pressure was heavy in the Square and Rectangle gardens and so they have been tilled multiple times and will be left fallow for the winter. The hope is this practice will greatly reduce the cutworm numbers. Sarah also mentioned that there were two woodchucks that had been eating some of their winter squash in the field. They were able to salvage some and are keeping it in the basement of the Cultivating Community office (52 Mayo St). The garlic and a few onions were stored in the barn to dry. There are two refrigerators in the barn that produce can be stored in if needed.

Sarah and Ben asked about the use of leaves from the dump as mulch or mixed with the compost. We discussed the issues of this – mainly not being assured that trees were not sprayed at some point during the summer. She said they were aware of some other farms using leaves but didn't know what kind of agreements they had. Additionally, since the organization is well known in the Cape Elizabeth area there could be a possibility of collecting leaves from neighbors with verbal assurance nothing was sprayed. It was recommended she contact MCS with further questions before going forward.

***Included in the inspector's file is a copy of their input log.**

PLEASE PROVIDE ANY ADDITIONAL INFORMATION ABOUT POTENTIAL COMPLIANCE ISSUES.

NOP 205.103 – Have sale records and input receipts available for inspection.

NOP 205.202 – Separate field histories for Upper and Lower Boyd fields.

Check with MCS before using leaves from the dump.

PLEASE ADDRESS ANY SPECIFIC QUESTIONS ENCLOSED IN THIS ASSIGNMENT.

- Should we have separate field histories for the lower and upper beds on Boyd Street?**
This was discussed and was concluded that it would make sense to have field histories for each bed.
- Brochure?**
Attached.
- Do they have an official crop rotation plan?**

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No. They are going to start rotating more accordingly to crop families to help reduce pest and disease pressures.

4. Compost used for tea does not contain manure correct?

Compost does not contain any manure.

5. What kind of sale records are kept?

None that were seen. They do very little in sales however Sarah did say they figure out how much they get weekly. Harvest records are kept as a way for them to determine what is sold/given away.

6. Do they know rate and dates of inputs?

Dates yes, see attached spreadsheet. Rates are not recorded.

7. Are they using fishmeal in the greenhouse? Or do they mean the Saltwater or Neptune's product?

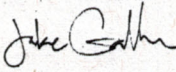
They are not using fishmeal but they are using both the Saltwater farms and Neptune's Harvest in the greenhouse.

8. Are they using the Shake Away rat poison?

No. Since removing the compost pile from the Boyd St. location the rat problem has gone away.

9. What have they done about the boxes (see 2010 inspection letter)-

They have stopped altogether using the boxes and only use crates and coolers.

INSPECTOR SIGNATURE:  Date: 10/4/2011

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