

SECTION 14: Soil Fertility and Crop Nutrient Management §205.203

Manure

Manure Use. NOP Rule Section 205.203(c)(1) requires that:

- ❖ Raw manure needs to be fully composted unless applied to fields with crops not for human consumption, or
- ❖ Be incorporated into the soil 120 days prior to harvest for crops whose edible portion has direct contact with the soil, or be incorporated into the soil 90 days prior to harvest for all other crops for human consumption.

1. Do you use raw or “aged” manure? ☐ Yes ☐ No ☐ NA

2. If Yes, manure is:

- ☐ Applied to land producing a crop not intended for human consumption (pasture, hay, cover crops, etc.)
- ☐ Incorporated at least 120 days before harvest of a crop whose edible portion may contact the soil surface or soil particles
- ☐ Incorporated at least 90 days before harvest of a crop whose edible portion does not directly contact the soil surface or soil particles.
- ☐ A pelletized manure product listed or documented to meet NOP requirements of heating at 150° F for one hour or 165° F with <12% moisture content, or other procedure compliant with NOP Guidance 5006 on processed manure.

3. _____ Initial here to indicate that you understand that you are required to show records of manure use which include locations where it was applied, date applied, crops being grown where it was applied and anticipated date of first harvest.

Off farm manure requires an Off Farm Manure Affidavit.

Compost

Compost Use. NOP Section Rule 205.203(c)(2) requires that:

- ❖ The C:N ratio of compost components be between 25:1 and 40:1
- ❖ Temperatures between 131° F and 170° F be maintained and recorded for a specific number of days, depending on the method of composting (see Rule annotation)
- ❖ Compost Records must be maintained and available for Inspector review.

5. Do you purchase compost for field use? ☐ Yes ☐ No

If Yes, list all composts on your Materials Use List. **Purchased compost requires an Off Farm Compost Affidavit.**

6. Do you produce compost? ☐ Yes ☐ No Do you produce compost tea? ☐ Yes ☐ No

☐ Yes, compost and/or tea contains only plant materials

List plant material sources: _____

☐ Yes, compost/tea contains *both* plant and animal materials.

6a. If Yes to *both*, list all compost ingredients; describe your composting method(s) in-vessel, static pile, or windrow, include temperatures, timelines for production and aeration methods:

7. Do you maintain records of your compost production? ☐ Yes ☐ No

_____ Initial here to indicate that you understand that you are required to provide compost records when *both* plant and animal materials are used.

Note: If compost production that includes manure as an ingredient does not comply with NOP standards in §205.203(c)(2), or NOP Guidance 5021, *the compost is considered raw manure*.

Soil and Water Quality

8. Describe how you manage manure, and compost production to protect crops, soil, and water (wells, aquifer, ponds, reservoirs, lakes, streams, etc.) from contamination by plant nutrients, heavy metals or pathogenic organisms.

☐ NA

(Examples include: use of feeding pads; frequent manure removal, application and incorporation; stockpile manure/produce and store compost away from water/drainage areas; manure "applied" by grazing livestock; manure storage/composting on impermeable pads, or covered to prevent leaching, etc.)