



Organic Market Farm Documentation Forms

“Market Farm” is the term we use for commercial organic “market gardens” and “truck farms.”



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The Purpose and Use of These Forms

In order to become certified organic, market farmers must demonstrate to an accredited certifier that their operations comply with National Organic Program regulations. This process is begun by completing an Organic System Plan (OSP)—normally part of the application for certification. The OSP illustrates how the producer plans to comply with the regulations by detailing the practices, inputs, and monitoring procedures that will be used. The Organic System Plan is backed up by on-site inspection to ensure that the producer is, in fact, farming in the manner outlined in the OSP. It is the inspector’s responsibility to look for documentation and indicators that substantiate the producer’s claim to organic status, as well as look for any violations.

The forms in this package are tools that farmers can use to document practices, inputs, and activities that demonstrate NOP compliance. The forms can be kept anywhere to make recording easy, such as the tool shed, packing shed, or farm office.



*Aerial shot of small farms with orchards, crops and windbreaks.
Photo by Lynn Betts. Courtesy of NRCS/USDA.*

These forms are intended for limited acreage farms with intensive production of multiple crops. The emphasis is on direct marketing. The forms do not accommodate split operation management. If your farm production is large enough for wholesale marketing, we encourage you to use the *Organic Field Crops Documentation Forms*. If you grow perennials, we refer you to the *Organic Orchard, Vineyard, and Berry Crop Documentation Forms*. Finally, all types of producers can find useful materials—such as an affidavit of organic production for producers selling less than \$5,000 of organic products per year—in *Forms, Documents, and Sample Letters for Organic Producers*. All of these packets are available from ATTRA.

Please note that these ARE NOT REQUIRED FORMS. Organic market farmers have more than enough mandatory paperwork to keep them occupied. These forms are merely intended to give you something convenient and organized to record routine things that may be important to document. Use only those forms that suit your operation and recycle the rest.

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This set of documentation forms contains the following:

- A. Market Farm Production Bed Activity Log—for farmers with intensive bed production. Use one log per bed to record all practices and equipment used from pre-plant through post-harvest.
- B. Market Farm Field Activity Log—for farmers with field-scale production. Use one log per field to record all practices and equipment used from pre-plant through post-harvest.
- C. Activity Calendar—for all farmers. Use one log per month to record all practices and equipment used from pre-plant through post-harvest, any other notes, and observations such as weather and crop conditions.
- D. Market Farm Inputs Log—use one log per production bed or field to record all materials, seeds and/or seedlings used from pre-plant through post-harvest.
- E. Market Farm Seed and Planting Stock Record—use to document source, treatment, and other information on all seed and planting stock used.
- F. Market Farm Organic Seed and Planting Stock Search Record—use to document the attempts you made to locate an organic source when non-organic planting stock or seed is used.
- G. Market Farm Soils Monitoring Log—use to document monitoring of soil fertility and soil erosion in each production bed and/or field. Monitoring procedures are required to justify the use of most micronutrient fertilizers.
- H. Market Farm Compost Production Record—use to record your compost production methods in order to meet National Organic Program requirements. Page 2 contains hints and guidelines for composting, as well as a table of approximate C:N ratios for common compost feedstocks.
- I. Market Farm Pest Monitoring Log—use to document monitoring of weed, disease, and insect pests in each field or bed. Monitoring procedures are required to justify the use of most biological, botanical, and allowed synthetic pesticides.
- J. Harvest Record for Organic Market Farms—use to record your harvests over the course of the entire year.
- K. ON-Farm Cold Storage for Organic Market Farm Crops—use to record details of your on-farm refrigerated storage.
- L. OFF-Farm Cold Storage for Organic Market Farm Crops—use to record details of your off-farm refrigerated storage of organic crops.
- M. Cold-Storage Pest Activities/Inputs—use for recording pest control activities and inputs in your storage coolers.
- N. Market Farm Equipment Settings—use to record settings and adjustments for your field equipment, for your convenience and increased efficiency from year to year.
- O. Market Load List—use for each market day to record the quantity of crops harvested, crops sold, and crops remaining.
- P. Farmers' Market Sales Record—use to record your farmers' market sales by date, market, crop, and price received.
- Q. Roadside Market Sales Record—use to record your roadside market sales by date, crop, and price.
- R. CSA Sales Record—use to document each CSA delivery by member name.
- S. Harvest Plan and Record "Pick List"—useful when sales are made in larger quantities to multiple markets, such as several boxes to retail stores or wholesale customers.
- T. Total Market Sales Record—use to record your total sales receipts each market day to track your annual sales total.

- U. CSA Weekly Box Record—use to document the contents of each full and half-share box and the number of full and half boxes delivered, per delivery.
- V. CSA Sales/Yield Worksheet—CSA annual harvest totals can be calculated “in reverse” by knowing how much of each crop was delivered during the growing season. Use one worksheet per crop to record date, number of boxes, and quantity delivered.
- W. Market Farm Complaint Log—ISO-65 regulations require that organic producers maintain a complaint log to document each incident of customer dissatisfaction and how it was resolved.

These forms may be copied and distributed freely. They may be downloaded from the ATTRA website at www.attra.ncat.org. Additional hardcopies can also be obtained by writing ATTRA at P.O. Box 3657, Fayetteville, AR 72702, or by calling 1-800-346-9140.

| Activity Calendar | | | | | |
|-------------------|-------|----------------|--|--|--|
| Month: | Year: | Farm/Location: | | | |
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| Organic Seed and Planting Stock Search Record | | | |
|--|--------------|---------------------|--------------------|
| Producers may use non-organic seed only when organic seed is not commercially available. | | | |
| Use this form to document companies and individuals you contacted in your search for organic seed and stock. | | | |
| Farm Name: | | Crop Year: | |
| Crop/Variety Required: | | | |
| Date | Company Name | Contact Information | Outcome of Inquiry |
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| Crop/Variety Required: | | | |
| Date | Company Name | Contact Information | Outcome of Inquiry |
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| Crop/Variety Required: | | | |
| Date | Company Name | Contact Information | Outcome of Inquiry |
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| Crop/Variety Required: | | | |
| Date | Company Name | Contact Information | Outcome of Inquiry |
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| Crop/Variety Required: | | | |
| Date | Company Name | Contact Information | Outcome of Inquiry |
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| Fertility/Soil Monitoring Log | | | | | |
|---|--|---------------|------------|---|------------|
| Farm Name: | | Bed/Field ID: | | SqFt/Acres: | Year: |
| Crop(s): | | | | | |
| Date of most recent soil test: | | | | | |
| <i>When compared with previous soil tests, are your nutrient levels (circle):</i> | | | | | |
| P (phosphorus) | decreasing | stable | increasing | excessive | not tested |
| K (potassium) | decreasing | stable | increasing | excessive | not tested |
| Ca (calcium) | decreasing | stable | increasing | excessive | not tested |
| Mg (magnesium) | decreasing | stable | increasing | excessive | not tested |
| S (sulfur) | decreasing | stable | increasing | excessive | not tested |
| Na (sodium) | decreasing | stable | increasing | excessive | not tested |
| B (boron) | decreasing | stable | increasing | excessive | not tested |
| Cu (copper) | decreasing | stable | increasing | excessive | not tested |
| Mo (molybdenum) | decreasing | stable | increasing | excessive | not tested |
| Zn (zinc) | decreasing | stable | increasing | excessive | not tested |
| Mn (manganese) | decreasing | stable | increasing | excessive | not tested |
| Fe (iron) | decreasing | stable | increasing | excessive | not tested |
| Organic matter/ Humus levels | decreasing | stable | increasing | ----- | not tested |
| pH is: | within or approaching desired range | | | out of or moving away from desired range | |
| Crop Monitoring: | | | | | |
| Are there visible signs of nutrient stress? | | No | | Yes | |
| | | | | | |
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| Erosion Monitoring: | | | | | |
| Is there evidence of wind and/or water erosion? | | No | | Yes | |
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| Additional Notes on Soil and Crop Monitoring: | | | | | |
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Carbon-to-Nitrogen Estimation for NOP Compliant Composting

§205.203(2)(i) of the National Standard requires that the blend of feedstocks comprising each batch of compost have an initial carbon-to-nitrogen (C:N) ratio between 25:1 and 40:1. This page provides some information that might be helpful estimating the C:N ratio of compost recipes.

Composting Hints & Guidelines:

- A good compost pile will be a balanced blend of high carbon “brown” materials with low carbon/high nitrogen “green” materials. Proportions can be adjusted based on the approximate C:N ratio of the dominant feedstocks (see Table 1 below). For example, equal quantities of dried sheep manure (C:N=17) and oat straw (C:N=48) would create a compost pile with a C:N of 32-33. A C:N ratio of 30 is considered ideal for beginning a “hot” aerobic compost pile .
- Proportioning of feedstock materials should be based on weight rather than volume. Make adjustments for high moisture materials.
- Wood chips and similar materials that have not been finely chopped are slow to break down and may contribute less carbon than you expect to the composting process. However, such materials do provide good aeration where needed, and can be screened from the final compost and re-used in subsequent batches.
- Many manure sources are already mixed with bedding materials and may be close to an ideal ratio for composting. Take this into account before adding additional materials.
- Due to the variation in feedstock C:N ratios, moisture content, fineness of grind, ambient air temperature, and other factors, making good, NOP-compliant compost in an efficient manner can be as much art as science. Experience will be the best guide.
- To find sources of basic and advanced information on composting, see ATTRA's *On-Farm Composting Resource List* at: <http://attra.ncat.org/attra-pub/farmcompost.html>.

Table 1: Approximate C:N Ratios of Various Materials

Note that these are approximations only, obtained from various sources in the composting literature.

Actual C:N ratios may vary widely.

| | Carbon (C): | Nitrogen (N): |
|-------------------|--------------------|----------------------|
| Compost, Finished | 15 | 1 |
| Urine | 0.8 | 1 |
| Blood | 3 | 1 |
| Cow Manure | 18 | 1 |
| Sheep Manure | 17 | 1 |
| Poultry Manure | 15 | 1 |
| Horse Manure | 25 | 1 |
| Straw, Wheat | 130 | 1 |
| Straw, Oat | 48 | 1 |
| Corn Stalks | 40 | 1 |
| Rice Hulls | 120 | 1 |
| Sawdust, Rotted | 208 | 1 |
| Sawdust, Raw | 510 | 1 |
| Legume Hay | 17 | 1 |
| Grass Hay | 30 | 1 |
| Grass Clippings | 13 | 1 |
| Vegetable Wastes | 11 | 1 |
| Apple Pomace | 48 | 1 |
| Grape Pomace | 28 | 1 |
| Seaweed | 19 | 1 |
| Oak Leaves | 50 | 1 |
| Pine Needles | 85 | 1 |
| Cotton Seed Meal | 7 | 1 |
| Soybean Meal | 7 | 1 |
| Alfalfa Pellets | 15 | 1 |
| Feather Meal | 4 | 1 |
| Newsprint | 400 | 1 |
| Cardboard | 400 | 1 |

| Market Farm Pest/Weed Monitoring Log | | | |
|--|--|--|--|
| Farm Name: | | Bed/Field ID: | SqFt/Acres: Year: |
| Crop(s): | | | |
| Pest Monitoring: List date, type of insect or pest, and assessment of crop damage you observed. | | | |
| <i>Date</i> | <i>Insect/Pest (note monitoring method if desired)</i> | <i>Type of crop damage</i> | <i>Crop Damage (Low, Medium, High)</i> |
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| Disease Monitoring: List date, type or description of disease, and assessment of damage. | | | |
| <i>Date</i> | <i>Disease</i> | <i>Type of crop damage</i> | <i>Crop Damage (Low, Medium, High)</i> |
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| Weed Monitoring: List date, name/description of problem weed, and assessment of weed pressure. | | | |
| <i>Date</i> | <i>Weed</i> | <i>Weed Pressure (Low, Medium, High)</i> | |
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| Complaint Log for Organic Market Farms | | | | | |
|---|-----------|---------------------|-------------------|--------------|------------|
| Farm Name: | | | Crop Year: | | |
| Date Received | Complaint | Source of Complaint | Date of Action | Action Taken | Respondant |
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