

MU Guide

Nutrient Management Information Survey for Poultry Dry Litter Systems

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A nutrient management plan is a road map for your farm on how to manage manure and fertilizer in an efficient and environmentally sound way. The first step in nutrient management planning is to collect the information about your farm needed for the planning process. This guide will help you determine what information and records your nutrient management planner is likely to need to complete a plan for your farm.

This guide is a survey that helps prepare you to work with a nutrient management planner. Do not worry if you do not have all the requested information or cannot answer all the questions in the survey. Your nutrient management planner will work with you to fill in the gaps in the information you provide.

The more of this information you can provide, the more accurately the resulting plan will reflect what is possible and best for your farm. Having more of this information on hand at the start of the planning process also will speed the planning process for your farm.

Helpful information

- Driving directions to your operation from the nearest town or known landmark.
- Plat map showing farm boundaries.
- Aerial or other farm maps showing facilities, field boundaries, waterways, lakes, ponds, wells, dwellings and other important farm features.
- Field-by-field crop management records that include information on past crop yields, and fertilizer and manure application rates.
- Soil test records including the date of the most recent test for each field.
- Manure analyses records.
- A map showing what fields you prefer to use for manure applications and fields that should not be used for manure application.

Farm Information Survey: Contact information

Operation name: _____

Operator name: _____

Operation address: _____

Operator address: _____

Phone: _____

Phone: _____

E-mail: _____

E-mail: _____

Fax: _____

Fax: _____

**Farm Information Survey:
Manure production, storage and handling**

Name of operation: _____

Building management and manure production

Bird type _____ Average animal weight ((weight in + weight out)/2) _____

of houses _____ # flocks/year _____

Average # of animals on the farm at any one time _____

Do you use a phosphorus reduction strategy such as feeding phytase? _____

Bedding type (sawdust, rich hulls, other) _____ Amount used _____ tons/year

Do you apply additives to your litter such as alum? Please explain. _____

Amount of litter removed per cleanout

Please describe how you manage litter in your buildings (frequency and timing of decaking and partial and full cleanouts) _____

Cake manure _____ tons/ building/cleanout _____ Times/year _____

Partial cleanout _____ tons/ building/cleanout _____ Times/year _____

Full cleanout _____ tons/ building/cleanout _____ Times/year _____

Do you have a stackhouse? _____ Capacity _____

Do you have litter test? _____ Date of last litter test _____

Mortality management

Average annual mortality _____%

Do you use litter for composting? _____ If yes how much? _____ tons/ year

Number of composting bins _____ Bin size _____

How many tons per year of mortality compost do you generate? _____ tons/ year

If you have other manure storage and treatment facilities, explain here: _____

Manure/ litter application

Type of equipment used to apply manure/litter: _____

Spreader capacity: _____

Swath (application) width: _____

Minimum application rate: _____

Notes:

Farm Information Survey: Fertilization and tillage practices

Fill in the following table to provide information on your fertilizer, manure and tillage practices. List each crop in your rotation.

- For fertilizer and manure applications, provide the source and analysis, if available, and the time you prefer to apply.

- For “placement,” use the abbreviations given in the footnote following the table. If you incorporate surface applications, include the average number of days after application it takes you to incorporate.
- Under the tillage heading, provide the type of operation and the timing you prefer, for each tillage pass performed to prepare the field for that crop.

Crop	Fertilizer			Manure			Tillage	
	Source	Timing	Placement ¹	Source	Timing	Placement ¹	Activity	Timing
Example: Corn	Anhydrous 82-0-0	Spring-April	INJ	Layer	Spring-April	SI (1)	Disk	Fall
	Starter 32-0-0	Planting	INJ				Field cultivator	Spring

1. SNI = Surface application not incorporated
 SI = Surface application incorporated; provide the number of days to incorporate
 INJ = Injected