## **MU Guide**

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# 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:			

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

Name of operation:							
Building management and m	anure 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	r cleanout						
		cy and timing of decaking and partial					
and full cleanouts)							
Cake manure	tons/ building/cleanout	Times/year					
Partial cleanout	tons/ building/cleanout						
Full 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							
	Bin size						
How many tons per year of mo	rtality compost do you generate? _	tons/ year					
If you have other manure stora	ge and treatment facilities, explain	here:					
Manure/ litter application							
Minimum application rate:							
Notes:							

Page 2 G 9216

### Farm Information Survey: Crop rotation

Fill in the following table to provide information for each field in your operation or that is available for manure application. Field names should be used consistently throughout the plan. When providing crop rotation and yield goal information, start with the crop that will be grown in that field during the first year of the plan. Use crop records to help determine realistic yield goals.

Field name	Acres	Crop rotation (yield goal)	Date of last soil test	Available for manure application	Owned/ rented/ other	Irrigated	Tilled/ No-till
Example	100	Corn (140), Soybean (40), Corn silage (20 t/a), Wheat silage (3 t/a)	Oct. 2003	Yes	Owned	No	Tilled

G 9216 Page 3

#### **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.

	Fertilizer			Manure			Tillage	
Crop	Source	Timing	Placement <sup>1</sup>	Source	Timing	Placement <sup>1</sup>	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

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



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