Manure Management Plan Data

Operation: ***County:*** ***Plan Saved:***
Plan File: ***State:*** ***Init. File Rev:***
Plan Folder: ***Soils File Rev:***

Client: _____Phone: _____ County: _____ Date: / / 20

Mailing Address: _____, _____, **MS** Zip _____

Facility location: S_____ T_____ R_____ GPS Coordinate: Lat :_____ Long:_____

1) Animal Type: Poultry, Swine, Dairy, Other

2) Integrator Name: _____

3) New ___ or Existing ___

4) Total number of houses in plan:

7) Average flock life _____ days

8) Average number of flocks per year: _____

9.) Cake removal between flocks: yes / no

13) How often are houses totally cleaned out: _____

Remarks: _____
_____

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GENERAL

Operation Name

Address

Town ***State*** MS ***Zip Code***

Contact Name

Office Phone ***Home Phone***

E-Mail Address

Notes

County

Starting Year 20 ***Starting Month*** ***Years In Plan*** 5

Please note: This document must be completed before a Comprehensive Nutrient Management Plan (CNMP) will be developed for a farm. The producer is responsible for providing all information highlighted in yellow. The Natural Resource Conservation Service (NRCS) will provide the data where indicated by the color green. Please consult with your NRCS representative before attempting to complete this document. For all existing operations a recent copy of both the manure analysis and a soil test report for all fields that receive manure must accompany this document. A recent manure analysis report is one that is less than 1 year old, and a recent soil test report is one that is less than 3 years old.

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FIELDS

Field ID / Field Number	Subfield ID	Total Size (Acres)	Spread-able Size (Acres)	Storage Distance (Miles)	Predominant Soil Type (Name, Texture, Map Symbol, Slope Range)	Slope % (If Not Ave.)	Irri-gated With Water	Is Not Owned	Farm ID / Farm Name	FSA Farm	FSA Tract	FSA Field	Notes
		NRCS	NRCS	NRCS	NRCS	NRCS	☐	☐					
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ASSESSMENT

Field ID Field Number	Subfield ID	Distance To Water (Feet)	Type Of Water	Slope Length (Feet)	Runoff Reduct-ion Practice	Buffer Width (Feet)	Type Of Artificial Drainage	Manure Applied Annually	Will Not Receive Manure	Water Erosion (T/A/Yr)	Wind Erosion (T/A/Yr)	Irrigation Erosion (T/A/Yr)	Gully Erosion (T/A/Yr)	Ephem. Erosion (T/A/Yr)	P Index Or Risk Index	Notes List all gullies, soil washes, or erosion problems
		NRCS	NRCS	NRCS	☐	NRCS		☐	☐	NRCS	NRCS	NRCS	NRCS	NRCS	NRCS	
					☐			☐	☐							
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SOIL TESTS: Provide Copy of Soil Test Results that match Field IDs for all fields that will receive nutrients.

Field ID	Subfield ID	Test Year	OM (%)	P	P Test Used	K	Mg	Ca	Na	Al	Levels Are In Lb/A	Soil pH	Buffer pH	Esti-mated CEC	CEC	NO_3-N (ppm)	EC (mmhos /cm)	SO_4-S (ppm)	Notes
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CROPS

Field ID Field Number	Subfield ID	Crop Year	Planned Crop List all crops planted (grass or row crops)	Yield Goal (/Acre)	Yield Units Bushels / Tons	Legume % Stand	Default N Rec (Lb/A)	Default P_2O_5 Rec (Lb/A)	Default K_2O Rec (Lb/A)	Custom N Rec (Lb/A)	Custom P_2O_5 Rec (Lb/A)	Custom K_2O Rec (Lb/A)	Source Of Custom Fertilizer Recommendations
							NRCS	NRCS	NRCS				

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STORAGE: Please circle all storage components and list their size(s).

Storage ID	*Storage Type*	*Units*	*Pumpable Or Spreadable Capacity*	*Manure On Hand At Start Of Plan*	*Notes*
Broiler House	In House Litter Storage	Tons	NRCS		
Dry Stack	Dry Litter Storage	Tons	NRCS		
Composter, Incinerators, Freezers, Burial Pit	Mortality Management	Tons	NRCS	xxxxx	
Lagoon	Wet waste storage	Gals	NRCS	xxxxx	
Holding Pond	Wet waste storage	Gals	NRCS	xxxxx	

Notes:

If the tons of manure on hand at the start of the plan are not known assume an average accumulation of 8 tons of litter per month per poultry house.

Manure Collected (%): Enter the percent of manure produced during the indicated period that is collected.

Manure Collected (%) = (**flocks per year** x **grow-out period**) ÷ **365** x **100**
For example, with a broiler operation that produces 5 flocks per year, with a 42-day grow-out period, enter 58% because (5 x 42 = 210 days, which equals 58% of a 365-day year)?

Here is some typical poultry data that you may find useful in the absence of your own data:

Type	Ave. bird wt.	Flocks/year	Grow-out period	Manure Collected (%)
Broiler	2.5	5-6	42 days	**58%** (5 flocks) **69%** (6 flocks)
Roaster	4	3-4	70 days	**58%** (3 flocks) **76%** (4 flocks)
Layer	4	1	365 days	**100%**
Pullet	2.75	2	140 days	**76%**
Breeder	7	1	315 days	**86%**

Ave. bird weight (wt) = Animal Weight (market weight) ÷ 2

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ANIMALS

Animal ID	Animal Type And Production Phase	Animal Weight (Lb)	Number Of Animals	Animals Present From	Animals Present Through	Manure Collected (%)	Extra Water (Gal/Animal/ Day)	Bedding (Lb/Animal/ Day)	Where Will Manure Be Stored?	Please note the sources of manure storage
Poultry	Broilers			Jan.	Dec.		XXXXXX	XXXXXX		in house, dry stack, composter
Poultry	Pullets			Jan.	Dec.		XXXXXX	XXXXXX		in house, dry stack, composter
Poultry	Layers			Jan.	Dec.		XXXXXX	XXXXXX		in house, under floor (dry), composter
Swine	Sow & Litter			Jan.	Dec.					under floor (wet), lagoon
Swine	Nursery Pig			Jan.	Dec.					under floor (wet)
Swine	Grow to Finish			Jan.	Dec.					under floor (wet)
Swine	Wean to Finish			Jan.	Dec.					under floor (wet)
Swine	Gestating Sow			Jan.	Dec.					under floor (wet)
Swine	Boar			Jan.	Dec.					under floor (wet)
Dairy	Milk Cow									daily scrape and dry stack, storage (holding) pond, lagoon
Dairy	Dry Cow									daily scrape and dry stack, storage (holding) pond, lagoon
Dairy	Calf									daily scrape and dry stack, storage (holding) pond, lagoon

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MEASURED ANALYSIS: Must provide copy of manure analysis test results if the CNMP is for an existing operation

Storage ID	*Meas-ured Total N*	*Meas. NH_4-N*	*Meas. Total P_2O_5*	*Meas. Total K_2O*	*Meas. Max. Avail. N*	*Meas. Avail. P_2O_5*	*Meas. Avail. K_2O*	*Analysis Units*	*Meas. % Dry Matter*	*Measured Manure Production*	*Production Units*	*Source And Date Of Manure Analysis*

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EQUIPMENT: chose the equipment used management of nutrients on operation

Equipment ID	*Spreader Or Applicator Type*	*Spreader Or Pump Capacity*	*Capacity Units*	*Minimum Application Rate*	*Rate Units*	*Application Width Or Area*	*Units*	*Notes*
litter spreader (14 ft. box)	dry litter / manure	**4**	ton	**1**	ton/acre	**30**	feet	***See note below***
litter spreader (16 ft. box)	dry litter / manure	**5**	ton	**1**	ton/acre	**30**	feet	***See note below***
litter spreader (18 ft. box)	dry litter / manure	**6**	ton	**1**	ton/acre	**30**	feet	***See note below***
liquid spreader (injected)	dairy		gpm*		in/acre		feet	
liquid spreader (surface)	dairy		gpm*		in/acre		feet	
traveling reel and gun	swine or dairy		gpm*		in/acre		feet	
center pivot	swine		gpm*		in/acre		feet	

Notes:

**gmp: (gallons per minute)*

*Typically a **14 foot** spreader holds 4 tons of litter, a **16 foot** spreader holds 5 tons of litter, and an **18 foot** spreader holds 6 tons of litter.*
*The typical agriculture grade spreader has a **30 foot** spreader width*