

Here is an example of information USDA-NRCS, SWCD and/or a private consultant will need to develop a Comprehensive Nutrient Management Plan. Our thanks to the Auglaize SWCD for sharing this planning tool with us.

Date:

Name and Address:

Address of animal housing unit if different than above:

Telephone(s)/Cell Phone(s):

E-Mail:

Total acres managed? \_\_\_\_\_

Total acres cropped? \_\_\_\_\_

Total acres of cropland that manure is applied to? \_\_\_\_\_

- 1.) What is the “mission statement of your farm? (A “mission statement” is usually less than a paragraph and states a description of your operation and the products and services your farm will market and how you/your family will do this.)
  
- 2.) What are the top three strength’s your operation has to develop a comprehensive manure management plan?
  
- 3.) What are the top three challenges?

4.) Do you have any soil erosion concerns or water quality concerns on your farm?

5.) In case of an emergency or accident, do you know of anyone or organization with emergency equipment?

<b>Person or Organization</b>	<b>Type of Equipment</b>	<b>Phone Number</b>
<i>Ex. Fire Dept</i>	<i>Tile Plugs</i>	<i>911</i>

3.) What fire department district do you live in?

4.) What contractor(s) (please include phone numbers) would you call in case of a structural or embankment emergency? Have you talked to that contractor about being compensated if they were called in an emergency situation?

5.) In case of an emergency, please list at least one trustee and their phone number from your township that you would contact. Please list more if you know them.

6.) Have you registered at the county auditors office as operating in an Ag-District?

7.) Do you know what it means to be registered as an “Ag-District?”



10.) What kind of manure storage do you currently have? Dry stack, under floor storage, holding pond, metal/concrete tank, none, etc.

<b>Storage Type</b>	<b>Storage Location</b>	<b>Holding Capacity Tons/Gallons</b>	<b>Days Storage</b>
<i>Ex. Dry Stack</i>	<i>Grandpa's Farm</i>	<i>190 Tons</i>	<i>92 Days</i>

11.) Please fill out the following chart.

<b>Animal Location</b>	<b>Animal Type</b>	<b>Number of Animals</b>	<b>Average Weight</b>	<b>Manure Storage Location</b>
<i>Ex. Uncle Doug's</i>	<i>Dry Cow</i>	<i>10</i>	<i>1,400 lbs</i>	<i>Holding Pond</i>

12.) How much does 1 yard of your manure weigh (if not liquid)?

13.) How many months of the year are the animals located on the farm?

11.) Do you utilize any pasture area where manure is not collected? If so, how much and how many hours, days or months do the animals pasture?

<b>Animal Type</b>	<b>Hours/Days/Months</b>	<b>Farm Location</b>
<i>Ex. Milk Cow</i>	<i>6 Hours a day-12 months/yr</i>	<i>Uncle Doug's</i>

12.) Please list any fields that are not tilled?

13.) Please list any fields that are subject to flooding

14.) Do you use No-till, Strip-till or Conventional Till?

15.) Do you store silage within 300 feet of your well, spring, creek, or stream?

16.) Do you store manure within 300 feet of your well, spring, creek, or stream?

17.) Does runoff from your livestock lot run within 300 feet of your well or stream?

18.) Do you dispose of dead animals on your farmstead within 300 feet of your well?

19.) Do you keep livestock/poultry within 300 feet of your well, spring or surface water sources such as creeks, streams or rivers?

20.) If you currently irrigate any manure, how many days or hours until it is incorporated?

21.) How do you apply manure? Inject, surface spray, surface apply, irrigate, etc?

22.) What months do you generally apply manure? Do you want to change those months or keep them the same?

23.) Are you currently implementing any type of manure application plan? If so, could you please explain?

24.) Please fill in the chart

<b>Manure Type</b>	<b>Storage Location</b>	<b>Month(s) Applied</b>	<b>Usual Fields That You Apply This Manure To</b>
<i>Ex. Dry Stack</i>	<i>Uncle Doug's</i>	<i>Jan. and Feb. only</i>	<i>Virgil's Farm #1 and #4</i>

19.) Commercial Fertilizer and Major Times and Methods of Application include any starter fertilizer and specify any other crop and fertilizer applications.

<b>Crop</b>	<b>Nutrient N,P,K</b>	<b>Major Time(s) of Application</b>	<b>Method of Application</b>
<i>Ex. Corn</i>	<i>N</i>	<i>Side dress 28% w/ 20 Gallons</i>	<i>Inject</i>
	<i>P205</i>	<i>None</i>	
	<i>K20</i>	<i>None</i>	
<b>Corn</b>	<i>N</i>		
	<i>P205</i>		
	<i>K20</i>		
<b>Soybeans</b>	<i>N</i>		
	<i>P205</i>		
	<i>K20</i>		
<b>Alfalfa</b>	<i>N</i>		
	<i>P205</i>		
	<i>K20</i>		
<b>Wheat</b>	<i>N</i>		
	<i>P205</i>		
	<i>K20</i>		
<b>Specify Other</b>	<i>N</i>		
	<i>P205</i>		
	<i>K20</i>		

20.) Do you have any fields that you do not spread manure on, or that receive different commercial fertilizer rates? Please explain.

21.) Do you use any phased feeding, phytase, alum, HAP corn or HAP soybeans?

22.) What type of manure spreading equipment do you have?

<b>Type</b>	<b>Capacity</b>	<b>Spreading Width</b>	<b>Solid/Liquid/Both</b>
<i>Ex. Box Spreader</i>	<i>10 ton</i>	<i>20 feet</i>	<i>Solid Only</i>

23.) What is your current ton/gallon per acre that you are spreading?

24.) Do you “broker” any manure out or haul any manure off the farm? If so, how much and when?

25.) If you “broker” (sell) any or “give” any manure away, who does the loading and hauling.

26.) Do you “give” any manure away to anyone? Do you have any “spreading agreements” with any other landowners? Please explain.

27.) If any of your manure is custom applied, whom do you normally have apply it. Please include a phone number if you can.

28.) If you have alfalfa fields, do you ever haul manure on them? If yes, when?

29.) List all the crops that you raise.

30.) Describe why you raise the crops you’ve selected.

31.) Please list any fields that you use a cover crop on that is not harvested or any fields that you double crop in?

32.) How much bedding do you use?

<b>Type of Bedding</b>	<b>Amount</b>	<b>Location/Manure Storage</b>
<i>Ex. Straw</i>	<i>150 lbs/day</i>	<i>Uncle's Barn/ Dry Stack</i>

33.) If you have a milk house, how many gallons of water do you use per day?

34.) Where do you haul/what fields during the summer months?

<b>Type of Manure</b>	<b>From What Location</b>	<b>To Which Fields</b>
<i>Ex. Dry Stack</i>	<i>Grandpa's Barn</i>	<i>Virgil #3- Wheat Stubble</i>

- 35.) How often do you have soil tests taken? What month (season) do you have them taken in?
- 36.) Do any of your fields have grass waterways, streams or open ditches in them? Please list the field(s) that do.
- 37.) Do you have any filter strips or buffers greater than 33 feet wide? Please list the fields if you do.
- 38.) Do you have any pests or rodent problems? What type of control measures are you currently implementing?
- 39.) Have you ever had an complaint problems from neighbors or the public about smell, rodents or pests?
- 40.) Do you have any other livestock animals on the farm? If you do, please explain.
- 41.) What do you do with your dead animals? (Bury, compost, incinerate, put in woods, fencerows, render, etc.) If you use a rendering company, do you have those receipts and records? Please list the rendering company if you use one.

42.) Have you ever attended and completed an OSU Extension Livestock Mortality compost certification program? If yes, when?

43.) If you have a feedlot or loafing area, is it scraped daily, especially in warm weather?

44.) Do you cover your manure storages with a concrete lid or floating crust?

45.) Is there adequate manure storage to facilitate emptying schedule flexibility?

46.) Have you or do you compost manure to reduce odor during land application?

47.) Where do prevailing winds blow your manure odors?

48.) Are there any windbreaks to redirect the flow of air upward?

49.) Do you have a plan to regularly clean dust from fans and manage feedlot and feed dust? If so, please describe your plan.

50.) Do you have any recent manure analysis results?

51.) What changes have you made since you became the operator or manager of your farm?

52.) Do you have an emergency plan in place in case of an accident, fire, tornado, personal injury etc.? Please describe your plan.

53.) If you don't have an emergency plan, do you want help in developing one?

54.) Think about these scenarios and what you would do.

-While using a portable irrigation system through a culvert with the pump on, a hole develops and manure fills the stream.

-A tractor and manure spreader containing liquid manure was involved in an accident, releasing 10,000 gallons of liquid manure into a nearby stream.

-A farmer or family member enters a manure pit to replace a shear pin on an agitator shaft and is overcome by gas and falls onto the pit floor.

-A gutter breaks on the barn and fills a silage bag with water causing it to leach into a tile covered with a grate.

-A barn filled with animals catches on fire (is hit with a tornado or has an unknown person open the pens and doors when nobody is around) and hundreds of animals escape.

\*Please include any well logs or drilling reports that you have records of.

- \*Please include any results of past well sample tests
- \*Please include current soil test data with your other information.
- \*Please include any records of manure production.
- \*Please include any manure sample analysis that you have had done

\*Could you make a map/sketch of your fields and farmstead that include?

- Field names/nicknames you have for that field
- Township section numbers that the fields are in
- Please note if fields are located in another county-please list county, township and section number
- Road names
- Farmable acres
- Locations of filter strips, buffers, open ditches or streams
- 5 year crop rotation for each field- please list the starting and ending years
- Realistic yield goals for each crop in each field
- Include tons of silage and hay/alfalfa per acre
- Which fields are owned, rented and share cropped
- Label any fields that do not receive manure applications
  
- List the FSA Farm Number, FSA Tract Number and FSA Field Number