

2018 Nutrient Management MAFO/CAFO Annual Implementation Report (AIR)

Instructions For Activities from January 1 to December 31, 2018. Due March 1, 2019

Most of the information for the AIR will be found in your 2018 Nutrient Management Plan and related records. **For help, please contact your NM consultant, or your MDA Regional Nutrient Management Specialist (see mailing instructions).**

Questions 1-10. Farmer/Operator Information

Information applies only to the person, and/or business that operated or made primary decisions about nutrient applications for the agricultural operation during 2018. **If any preprinted data is incorrect or blank, please provide updated information.** Provide an e-mail address if you prefer to receive MDA bulletins and documents electronically. "County" refers to the county where the majority of the operation was located.

Farm/Operation Information

11. Total Acres Farmed: Include pastures and greenhouses. Do not include woodlands or land in set-aside programs, such as the Conservation Reserve Enhancement Program (CREP.)

12. Operation Type: Identify the operational activities under the plan. (Check all that apply.)

13. Nutrient Sources: Identify the applicable nutrient source(s) used in the operation. (Check all that apply.)

14. Animal Type and Number: Identify the type and number of animals on the operation during 2018. Be sure to include the name and number of other animal types not listed.

Poultry

15-16. For poultry, indicate the number in 1000's of birds per flock, and then the number of flocks raised in 2018.

17. Provide the name of the poultry operation integrator.

18. Write in how many poultry houses were in operation during all or part of 2018.

19. List the total square footage (length x width in feet) for all houses added together.

20. List all of the poultry litter in tons that was removed from all houses by crust-outs during 2018. Check the box if litter is windrowed between crust outs.

21. List total tons of poultry litter removed from all houses during partial or total cleanout(s) during the year.

22. Account ID Changes

Find account IDs on your Property Tax bill, Nutrient Management plan or search at

<http://sdat.resiusa.org/RealProperty/Pages/default.aspx>

These are unique 10 to 16 digit numbers the Maryland Department of Assessments and Taxation (SDAT) assigns to your units of land. Include only account IDs for property that was **new** to your operation **or** was **no longer part of your operation in 2018**. Use additional pages, if needed.

If there were no changes in 2018, check the box.

Manure/Organics

23-24. List the total amount or volume of solid animal manure, liquid manure and wastewater, collected in the operation during 2018. Do not include poultry litter under item 23.

Manure/Organics (con't)

25. Import/Export Manure and other Organics: List the amount, type and unit of measure of all nutrients sources imported or exported, including sewage sludge and food processing wastes, to/from the operation in 2018.

26. Same as #25, except report manure and other organics **imported from or exported to another state**. Enter the two letter abbreviation for the state.

27. List total of all manure, including poultry litter, used the operation during 2018. Also include imported manure.

28. Indicate the no. of storage structures. Check box if None.

29. Report total available manure storage.

30. Check if you did or did not have temporary stockpiles of

Innovative Management Practices

31-42. Provide the total acreage managed under the technologies or practices described. Only count acres **once** regardless of the number of applications. Total should not exceed total acreage.

Nutrient Management Consultant and Plan Writer Information

43-45. Complete all information for the person who developed your nutrient management plan. Fill in your own information, if you developed your own plan.

46-47. Indicate the time period covered by your most recent Nutrient Management Plan.

Report Certification

48-50. The person listed in Question 3 of this form, **MUST** sign and date this section. Certified consultants may help operators complete the form; however, the operator must sign the form. Forms without a signature will be incomplete and may force MDA to seek penalties.

51. Table: Summary of Nutrient Application by Crop

List all crops, hay, pasture, agricultural products, or horticultural products and the acres of each. List all even if no nutrients were applied - if none applied, draw a line across the row. The total pounds of available nutrients applied means acres x nutrient. Example: 100 acres of corn with an application of 150-30-30 per acre would be entered as 15,000-3,000-3,000. If more than one crop was grown on the same acreage, report the number of crops times the acreage. For example, 2 crops of greens were harvested from the same 1 acre of ground and each crop received 50-50-50. The vegetable row would be 2 acres and the nutrients would be 100-100-100. Please list different double crops on separate lines, for example Wheat & double crop soybeans...list wheat acres and nutrients applied under Small Grains and the soybeans under Soybeans, double crop. Under manure, sewage sludge or other organic sources, do not list the total N from the manure analysis, only the Plant Available Nitrogen (PAN). The PAN information will be listed in your NMP.

Instructions for MAFO/CAFO Operations (continued)

52. Summary of Nutrient Applications by Field. List all fields that received manure whether generated on site or imported. Provide the field size, crop grown and yield goal, actual yield harvested, soil test results, the nutrient requirements in pounds per acre for the crop grown, the organic nutrient application rate in pounds nutrient per acre and other fertilizer and sewage sludge applied in pounds nutrients per acre. Use additional sheets if needed.

53. Manure Nutrient Content. Report the manure/litter analysis for moisture % (equivalent to [100 - dry matter percent or percent solid]), total N% and total P2O5% used or exported in 2018. **Attach Copies of the Lab Sheets.**

54-58. Land Application of Animal Waste. Provide acreages, weight or volume applied where indicated. "Animal waste" means liquid and/or solid waste from animal feeding, milking, holding or other animal operations. Animal waste includes ALL manure, poultry litter, offal, and process wastewater.

59. Largest Recipients of Exported Materials. Give the names and addresses of the individuals or businesses that received the largest portion of your manure or poultry litter.

60. Unpermitted Discharges. Report date, time, amount and source of all unpermitted discharges in 2018.

2018 AIR Mailing Instructions

Mail your 2018 Nutrient Management Annual Implementation Report (AIR) to the **Regional Nutrient Management office for your county. Do NOT mail or hand in reports at other State/County offices or ANY other business or entity.** It has been our experience that forms will not be delivered to MDA and you will be penalized for non-submission. If you have any questions, call the nutrient management specialist for your county or go to the Nutrient Management AIR webpage:

http://mda.maryland.gov/resource_conservation/Pages/air.aspx

Region 1: Garrett, Allegany, Washington

Specialist: Keith Potter
Address: MDA Nutrient Mgmt Program
12407 Naves Cross Road, NE, Rm. 10
Cumberland, MD 21502
Phone: 301-777-1747 x 3507
Email: keith.potter@maryland.gov

Region 2A: Carroll, Frederick

Specialist: Moana Himes
Address: MDA Nutrient Mgmt Program
92 Thomas Johnson Dr Ste. 110
Frederick, MD 21702
Phone: 301-695-2803, x 8604
Email: moana.himes@maryland.gov

Region 2B: Anne Arundel, Howard, Montgomery

Specialist: Kenny Favorite
Address: MDA Nutrient Mgmt Program
92 Thomas Johnson Dr Ste. 110
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Phone: 301-695-2803, x 8605
Email: kenny.favorite@maryland.gov

Region 3: Charles, Calvert, Prince George's, St. Mary's

Specialist: Weylin Anderson
Address: MDA Nutrient Mgmt Program
26737 Radio Station Way, Ste B
Leonardtown, MD 20650
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Email: weylin.anderson@maryland.gov

Region 4: Baltimore, Harford, Cecil

Specialist: Darren Alles
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3525 Conowingo Road, Suite 500
Street, MD 21154
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Region 5A: Kent, Queen Anne's, Talbot

Specialist: Howard Callahan
Address: MDA Nutrient Mgmt Program
28577 Mary's Court, Suite 4
Easton, MD 21601
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Region 5B: Caroline, Dorchester

Specialist: Steve Szelestei
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28577 Mary's Court, Suite 4
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Email: steve.szelestei@maryland.gov

Region 6: Somerset, Wicomico, Worcester

Specialist: Steve Dorsey
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Salisbury, MD 21801
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