

Maryland Department of Agriculture
Nutrient Management Program
2016 ANNUAL FERTILIZER APPLICATION REPORT (AFAR) - INSTRUCTIONS

This form is to be completed by business license holders (MDA-F) to report all fertilizer applications made to turf during the 2016 calendar year. Complete one form for each business license number (MDA-F). Return the form with zero's if you did not make any applications in 2016. **THE AFAR IS DUE NO LATER THAN MARCH 1, 2017. PENALTIES MAY BE INCURRED FOR LATE SUBMISSIONS.**

Total Fertilized Turf Acres – Report the total area of turf to which fertilizer was applied in each county. Count each property one time, even if you made multiple applications. Do not include applications made to trees, shrubs, flowerbeds, or any areas **OTHER** than turf. **Report the area in ACRES.** To convert square feet to acres divide by 43,560.

Total Turf Acres – Report the total turf area on the properties that you manage, **INCLUDING** the turf areas **NOT** fertilized. For example, if you only fertilize a client's front yard at their home, but the not the back yard, the total turf area should include the turf from the front and back yard. Do not include applications made to trees, shrubs, flowerbeds, or any areas **OTHER** than turf. **Report the area in ACRES.** To convert square feet to acres divide by 43,560.

Total Nutrients Applied – Report the total N, P₂O₅, and K₂O in each county. Figure the **TOTAL** nutrient applied to a property by multiplying the total pounds of a fertilizer applied to a property by the nutrient content of the fertilizer expressed as a decimal. A nutrient calculator is located on the MDA website at: www.MDA.Maryland.gov/fertilizer. Total the nutrients applied of each fertilizer application made to the property. See the example below.

Customer Name: Smith		Acres: 27					
Fertilizer	total amount used	calculation of N	N	Calculation of P ₂ O ₅	P	Calculation of K ₂ O	K
18-0-3	1832 lbs	.18 X 1832	329.76	0 X 1832	0	.03 X 1832	54.96
22-5-10	2150 lbs	.22 X 2150	473	.05 X 2150	107.5	.10 X 2150	215
19-19-19	3500 lbs	.19 X 3500	665	.19 X 3500	665	.19 X 3500	665
Total (for this property)			1468		772.5		935

Total the nutrients applied to each property in the county. Report the grand total for all the counties on the bottom line. Round totals to the nearest half pound. The correct numbers for this report should be **LARGE**. **DO NOT REPORT NUMBERS IN LBS/1000ft²**

Subcontracting – Fertilizer applications should be reported by the company that actually makes the applications. If you only subcontract part of the annual fertilizer applications report the amount of nutrient that your business applies, mark the check box yes and indicate the company name.

SIGN THE FORM WITH YOUR NAME AND TITLE.(LEGIBLY). INCOMPLETE OR ILLEGIBLE FORMS WILL NOT BE ACCEPTED AND MAY BE RETURNED. All forms are due to the department no later than MARCH 1, 2017.

IF YOU HAVE ANY QUESTIONS PLEASE CONTACT YOUR URBAN NUTRIENT MANAGEMENT SPECIALISTS.

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