

Ammonia Volatilization from Fertilized Turfgrass Stands

Agronomy Journal

75, 454-456

DOI: [10.2134/agronj1983.00021962007500030009x](https://doi.org/10.2134/agronj1983.00021962007500030009x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Urease Activity in a Kentucky Bluegrass Turf 1. <i>Agronomy Journal</i> , 1983, 75, 654-656.	1.8	37
2	Urea Transformations and Fertilizer Efficiency in Soil. <i>Advances in Agronomy</i> , 1986, 40, 209-238.	5.2	72
3	Ammonia volatilization from nitrogen fertilizers surface-applied to corn (<i>Zea mays</i>) and grass pasture (<i>Dactylis glomerata</i>). <i>Biology and Fertility of Soils</i> , 1987, 4, 185.	4.3	11
4	Use of urease inhibitors and urea fertilizers on winter wheat. <i>Fertilizer Research</i> , 1987, 11, 97-111.	0.5	12
5	Evaluation of Ammonia Volatilization in the Field. <i>Journal of Production Agriculture</i> , 1988, 1, 104-111.	0.4	48
6	Response of Kentucky bluegrass turf to fertilizers containing dicyandiamide. <i>Communications in Soil Science and Plant Analysis</i> , 1989, 20, 2149-2170.	1.4	7
7	The Fate of Nitrogenous Fertilizers Applied to Turfgrass. <i>Journal of Environmental Quality</i> , 1990, 19, 1-14.	2.0	226
8	Volatilization and rapid depletion of urea spray-applied to Kentucky bluegrass turf. <i>Journal of Plant Nutrition</i> , 1990, 13, 1335-1344.	1.9	11
9	Urease-aktiwiteite in gronde van die sentrale besproeiingsgebiede in Suid-Afrika. <i>South African Journal of Plant and Soil</i> , 1991, 8, 48-53.	1.1	0
10	Reactions of urea phosphate in calcareous and alkaline soils: I. Ammonia volatilization. <i>Communications in Soil Science and Plant Analysis</i> , 1991, 22, 1243-1256.	1.4	2
11	Factors controlling ammonia loss from trash covered sugarcane fields fertilized with urea. <i>Fertilizer Research</i> , 1992, 31, 341-349.	0.5	67
12	Ammonia emissions from fields treated with green manure in a Mediterranean climate. <i>Agricultural and Forest Meteorology</i> , 1998, 90, 265-274.	4.8	27
13	Ammonia volatilization from urea as affected by tropical-based palm oil mill effluent (POME) and peat. <i>Communications in Soil Science and Plant Analysis</i> , 1999, 30, 785-804.	1.4	43
14	Mass Balance of ¹⁵ N Applied to Kentucky Bluegrass Including Direct Measurement of Denitrification. <i>Crop Science</i> , 2002, 42, 1595-1601.	1.8	44
15	Reducing Nutrient Runoff from Golf Course Fairways Using Grass Buffers of Multiple Heights. <i>Crop Science</i> , 2006, 46, 72-80.	1.8	20
16	Nitrogen use efficiency from urea applied to a tall wheatgrass (<i>Elytrigia elongata</i>) prairie in a sodic soil. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 535.	1.0	5
17	Mowing and Nitrogen Source Effects on Ammonia Volatilization from Turfgrass. <i>Crop Science</i> , 2007, 47, 1628-1634.	1.8	32
18	A holistic approach to managing palm oil mill effluent (POME): Biotechnological advances in the sustainable reuse of POME. <i>Biotechnology Advances</i> , 2009, 27, 40-52.	11.7	203

#	ARTICLE	IF	CITATIONS
19	Design and Validation of a Laboratory System for Measurement of Volatilized Ammonia. <i>Agronomy Journal</i> , 2011, 103, 38-44.	1.8	9
20	Field-Based Measurement of Ammonia Volatilization Following Foliar Applications of Urea to Putting Green Turf. <i>Crop Science</i> , 2011, 51, 1767-1773.	1.8	11
21	Nitrogen Source Effects on Ammonia Volatilization from Warm-Season Sod. <i>Crop Science</i> , 2012, 52, 1379-1384.	1.8	9
22	Biomass yield from an urban landscape. <i>Biomass and Bioenergy</i> , 2012, 37, 82-87.	5.7	38
23	Applied Model for Estimating Potential Ammonia Loss from Surface-Applied Urea. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 2055-2063.	1.4	8
24	Nitrogen budgets of urban lawns under three different management regimes in southern California. <i>Biogeochemistry</i> , 2014, 121, 127-148.	3.5	22
25	Nutritional Requirements and Fertilization. <i>Agronomy</i> , 0, , 385-439.	0.2	22
26	Nitrogen Research in Turfgrass. , 2015, , 457-491.		7
27	Evaluation of Ammonia Recovery from a Laboratory Static Diffusion Chamber System. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 326-331.	1.4	3
28	Method for Flux-Chamber Measurement of Ammonia Volatilization From Putting Greens Foliarily Fertilized by Urea. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1700085.	1.1	5
29	Ammonia Volatilization from Putting Greens Foliarily Fertilized by Conventional or Stabilized Urea. <i>Agricultural and Environmental Letters</i> , 2018, 3, 180019.	1.2	7
30	Nitrogen Recovery and Loss from Kentucky Bluegrass Fertilized by Conventional or Enhanced-Efficiency Urea Granules. <i>Agronomy</i> , 2018, 8, 144.	3.0	6
31	Ammonia volatilization from urea in alfalfa field with different nitrogen application rates, methods and timing. <i>Agriculture, Ecosystems and Environment</i> , 2021, 312, 107344.	5.3	8
32	Effectiveness of Squid Hydrolysate as a Home Lawn Fertilizer. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 380-385.	1.0	2
33	The Fate of Nitrogen Applied to a Mature Kentucky Bluegrass Turf. <i>Crop Science</i> , 2006, 46, 209-215.	1.8	76
34	Comparing Closed Chamber Measures of Ammonia Volatilization from Kentucky Bluegrass Fertilized by Granular Urea. <i>Journal of Environmental Horticulture</i> , 2018, 36, 85-91.	0.5	3
35	Compost Utilization in Sod Production and Turf Management. , 2001, , .		4
36	Enhancing Turfgrass Nitrogen Use under Stresses. <i>Books in Soils, Plants, and the Environment</i> , 2007, , 557-601.	0.1	2

#	ARTICLE	IF	CITATIONS
37	Nitrogen Losses in Soil-Plant System. , 2014, , 67-110.		0
38	Field Quantification of Ammonia Emission following Fertilization of Golf Course Turfgrass in Sub/Urban Areas. Applied Sciences (Switzerland), 2021, 11, 11644.	2.5	1
39	Volatilization or Recovery of Fairway Foliar Nitrogen Fertilizer via Time and Spray Oil Inclusion. Environments - MDPI, 2023, 10, 176.	3.3	0