Influence of Overwatering and Fertilization on Nitroger

Journal of Environmental Quality 17, 124-130

DOI: 10.2134/jeq1988.00472425001700010019x

Citation Report

#	Article	IF	CITATIONS
1	Nitrate in Ground Water in the United States. Developments in Agricultural and Managed-forest Ecology, 1989, , 35-74.	0.2	108
2	A Ground Water Monitoring Study for Pesticides and Nitrates Associated with Golf Courses on Cape Cod. Ground Water Monitoring and Remediation, 1990, 10, 160-160.	0.8	28
3	Nutrient and Pesticide Concentrations in Water from Chemically Treated Turfgrass. ACS Symposium Series, 1993, , 191-207.	0.5	15
4	Field and Model Estimates of Pesticide Runoff from Turfgrass. ACS Symposium Series, 1993, , 208-213.	0.5	5
5	The Role of Turfgrasses in Environmental Protection and Their Benefits to Humans. Journal of Environmental Quality, 1994, 23, 452-460.	2.0	279
6	Fate of Nitrogen Applied to Turfgrass-Covered Soil Columns. Journal of Irrigation and Drainage Engineering - ASCE, 1995, 121, 390-395.	1.0	12
7	AN URBAN WATER BALANCE STUDY, LETHBRIDGE, ALBERTA: ESTIMATION OF URBAN LAWN OVERWATERING AND POTENTIAL EFFECTS ON LOCAL WATER TABLES. Canadian Water Resources Journal, 1996, 21, 355-365.	1.2	9
8	Measuring and modelling nitrogen leaching: parallel problems. Plant and Soil, 1996, 181, 1-6.	3.7	25
9	Nitrogen Economy in Tropical Soils. , 1996, , .		5
10	Effects of slow-release fertilizers on growth and on uptake and leaching of nutrients in Kentucky bluegrass turfs established on sand-based root zones. Canadian Journal of Plant Science, 1997, 77, 433-444.	0.9	22
11	WATER TABLE DEVELOPMENT DUE TO HOUSEHOLD AND PARK IRRIGATION IN LETHBRIDGE, ALBERTA. Canadian Water Resources Journal, 1998, 23, 61-75.	1.2	4
12	RUNOFF FROM FESCUE PLOTS TREATED WITH TRIMEC. Transactions of the American Society of Agricultural Engineers, 1999, 42, 1631-1636.	0.9	4
13	Surface Runoff of Selected Pesticides Applied to Turfgrasses. ACS Symposium Series, 1999, , 94-105.	0.5	13
14	Low soil nitrate levels from golf course fairways related to organic matter sink for nitrogen. Communications in Soil Science and Plant Analysis, 1999, 30, 573-588.	1.4	7
15	Mobility of Soil Nitrogen and Microbial Responses following the Sudden Death of Established Turf. Journal of Environmental Quality, 2000, 29, 1625-1631.	2.0	20
16	Reducing Nitrogen Loading to the Gulf of Mexico from the Mississippi River Basin: Strategies to Counter a Persistent Ecological Problem. BioScience, 2001, 51, 373.	4.9	650
17	Nitrate Leaching beneath a Containerized Nursery Crop Receiving Trickle or Overhead Irrigation. Journal of Environmental Quality, 2001, 30, 1564-1574.	2.0	35
18	Bermudagrass Fertilized with Slowâ€Release Nitrogen Sources. I. Nitrogen Uptake and Potential Leaching Losses. Journal of Environmental Quality, 2001, 30, 440-448.	2.0	23

#	ARTICLE	IF	CITATIONS
19	Comparing Nitrogen Runoff and Leaching between Newly Established St. Augustinegrass Turf and an Alternative Residential Landscape. Crop Science, 2001, 41, 1889-1895.	1.8	89
20	Golf Course Development in a Major Tourist Destination: Implications for Planning and Management. Environmental Management, 2001, 27, 681-696.	2.7	26
21	Fate and Transport of Nitrogen Applied to Six Warmâ€Season Turfgrasses. Crop Science, 2002, 42, 833-841.	1.8	63
22	Effects of Land Use on Ground Water Quality in the Anoka Sand Plain Aquifer of Minnesota. Ground Water, 2003, 41, 482-492.	1.3	41
23	Documenting Nitrogen Leaching and Runoff Losses from Urban Landscapes. ACS Symposium Series, 2003, , 161-179.	0.5	1
24	Soil Inorganic Nitrogen under Fertilized Bermudagrass Turf. Crop Science, 2003, 43, 247.	1.8	16
25	MANAGING SPORTS FIELDS TO REDUCE ENVIRONMENTAL IMPACTS. Acta Horticulturae, 2004, , 405-412.	0.2	0
26	Nitrogen Use in Tifway Bermudagrass, as Affected by Trinexapacâ€Ethyl. Crop Science, 2004, 44, 595-599.	1.8	24
27	Characterization of Turf Practices in Five North Carolina Communities. Journal of Environmental Quality, 2004, 33, 565-575.	2.0	50
28	Nitrogen input from residential lawn care practices in suburban watersheds in Baltimore county, MD. Journal of Environmental Planning and Management, 2004, 47, 737-755.	4.5	181
29	IMPLICATIONS OF ON-GROUND NITROGEN LOADING AND SOIL TRANSFORMATIONS ON GROUND WATER QUALITY MANAGEMENT. Journal of the American Water Resources Association, 2004, 40, 165-186.	2.4	40
30	Education and Changes in Residential Nonpoint Source Pollution. Environmental Management, 2004, 34, 684-690.	2.7	41
31	Assessment and management of long-term nitrate pollution of ground water in agriculture-dominated watersheds. Journal of Hydrology, 2004, 295, 225-245.	5.4	210
33	Modular neural networks to predict the nitrate distribution in ground water using the on-ground nitrogen loading and recharge data. Environmental Modelling and Software, 2005, 20, 851-871.	4.5	121
34	N Retention in Urbanizing Headwater Catchments. Ecosystems, 2005, 8, 871-884.	3.4	109
35	LAND USE INFLUENCE ON THE CHARACTERISTICS OF GROUNDWATER INPUTS TO THE GREAT BAY ESTUARY, NEW HAMPSHIRE., 0, , .		0
36	FLORIDA'S GREEN INDUSTRIES BEST MANAGEMENT PRACTICES: COMING TO A LAWN NEAR YOU SOON., 0,,.		0
37	Combined use of 15N and 18O of nitrate and $11B$ to evaluate nitrate contamination in groundwater. Applied Geochemistry, 2005, 20, 1626-1636.	3.0	98

#	Article	IF	CITATIONS
38	Irrigation and fertiliser strategies for minimising nitrogen leaching from turfgrass. Agricultural Water Management, 2006, 80, 160-175.	5.6	118
39	Topdressing Turf with Composted Manure Improves Soil Quality and Protects Water Quality. Soil Science Society of America Journal, 2006, 70, 2114-2121.	2.2	39
40	Fall Fertilization Timing Effects on Nitrate Leaching and Turfgrass Color and Growth. Journal of Environmental Quality, 2006, 35, 163-171.	2.0	33
41	Turfgrass (Cynodon dactylon L.) sod production on sandy soils: II. Effects of irrigation and fertiliser regimes on N leaching. Plant and Soil, 2006, 284, 147-164.	3.7	34
42	Evaluation of a soil moisture sensor to reduce water and nutrient leaching in turfgrass (Cynodon) Tj ETQq0 0 0	rgBT_¦Over	lock 10 Tf 50
43	Nitrate Leaching in Overseeded Bermudagrass Fairways. Crop Science, 2007, 47, 2521-2528.	1.8	14
44	Nitrate Leaching from Kentucky Bluegrass Soil Columns Predicted with Anion Exchange Membranes. Soil Science Society of America Journal, 2007, 71, 219-224.	2.2	8
45	Nutrient Load Generated by Storm Event Runoff from a Golf Course Watershed. Journal of Environmental Quality, 2007, 36, 1021-1030.	2.0	29
46	Mowing and Nitrogen Source Effects on Ammonia Volatilization from Turfgrass. Crop Science, 2007, 47, 1628-1634.	1.8	32
47	Discharge Losses of Nitrogen and Phosphorus from a Golf Course Watershed. ACS Symposium Series, 2008, , 79-91.	0.5	2
48	Irrigation rate and plant density effects on yield and water use efficiency of drip-irrigated corn. Agricultural Water Management, 2008, 95, 836-844.	5.6	82
49	NITROGEN RETENTION IN URBAN LAWNS AND FORESTS. Ecological Applications, 2008, 18, 1615-1626.	3.8	111
50	Nitrogen Fate in a Mature Kentucky Bluegrass Turf. ACS Symposium Series, 2008, , 63-77.	0.5	5
51	Does a Mixedâ€Species Landscape Reduce Inorganicâ€Nitrogen Leaching Compared to a Conventional St. Augustinegrass Lawn?. Crop Science, 2008, 48, 1586-1594.	1.8	28
52	Spatial Variability of the Illinois Soil Nitrogen Test: Implications for Sampling in a Turfgrass System. Crop Science, 2008, 48, 2421-2428.	1.8	3
53	Nitrate Leaching and Nitrous Oxide Flux in Urban Forests and Grasslands. Journal of Environmental Quality, 2009, 38, 1848-1860.	2.0	146
54	Effects of Sod Type, Irrigation, and Fertilization on Nitrateâ€Nitrogen and Orthophosphateâ€Phosphorus Leaching from Newly Established St. Augustinegrass Sod. Crop Science, 2010, 50, 1030-1036.	1.8	14
55	Surface Run-Off Water Quality from Agricultural Lands and Residential Areas. Outlook on Agriculture, 2010, 39, 95-105.	3.4	9

#	ARTICLE	IF	CITATIONS
56	Losses of Surface Runoff, Total Solids, and Nitrogen during Bermudagrass Establishment on Levee Embankments. Journal of Environmental Quality, 2011, 40, 1241-1248.	2.0	5
57	Denitrification in Suburban Lawn Soils. Journal of Environmental Quality, 2011, 40, 1932-1940.	2.0	52
58	Drip Irrigation Frequency: The Effects and Their Interaction with Nitrogen Fertilization on Maize Growth and Nitrogen Use Efficiency under Arid Conditions. Journal of Agronomy and Crop Science, 2011, 197, 186-201.	3.5	17
59	Nitrate production and availability in residential soils. , 2011, 21, 2357-2366.		48
60	Nitrogen Source Effects on Ammonia Volatilization from Warmâ€Season Sod. Crop Science, 2012, 52, 1379-1384.	1.8	9
61	Sources of nutrients impacting surface waters in Florida: A review. Journal of Environmental Management, 2012, 109, 80-92.	7.8	87
62	Nitrate, Ammonium, and Urea Leaching in Hybrid Bermudagrass as Affected by Nitrogen Source. Agronomy Journal, 2012, 104, 344-352.	1.8	12
63	Nitrate Leaching and Turf Quality in Established â€~Floratam' St. Augustinegrass and â€~Empire' Zoysiagrass. Journal of Environmental Quality, 2012, 41, 793-799.	2.0	22
64	Nitrate and Phosphate Leaching under Turfgrass Fertilized with a Squid-based Organic Fertilizer. Water, Air, and Soil Pollution, 2012, 223, 1531-1541.	2.4	16
65	Carbon, nitrogen, and water response to climate and land use changes in Pennsylvania during the 20th and 21st centuries. Ecological Modelling, 2012, 240, 49-63.	2.5	16
66	Effects of Lawn Maintenance on Nutrient Losses Via Overland Flow During Natural Rainfall Events ¹ . Journal of the American Water Resources Association, 2012, 48, 909-924.	2.4	19
67	Identifying Key Factors in Homeowner's Adoption of Water Quality Best Management Practices. Environmental Management, 2013, 52, 113-122.	2.7	33
68	NITRATE LEACHING AND TURF QUALITY IN NEWLY SODDED ST. AUGUSTINEGRASS. Journal of Plant Nutrition, 2013, 36, 1935-1943.	1.9	5
69	Nutrient Leaching from Mixed-Species Florida Residential Landscapes. Journal of Environmental Quality, 2013, 42, 1534-1544.	2.0	12
70	Orthophosphate Leaching in St. Augustinegrass and Zoysiagrass Grown in Sandy Soil under Field Conditions. Journal of Environmental Quality, 2013, 42, 749-757.	2.0	0
71	Nitrate Leaching from Two Kentucky Bluegrass Cultivars as Affected by Nitrate Uptake Capacity and Subsurface Soil Compaction. Crop Science, 2013, 53, 1722-1733.	1.8	3
72	Nitrate Uptake Rates of Kentucky Bluegrass Genotypes and Their Effect on Nitrate Absorption under Competitive Conditions. Crop Science, 2013, 53, 1179-1188.	1.8	5
73	Nitrogen budgets of urban lawns under three different management regimes in southern California. Biogeochemistry, 2014, 121, 127-148.	3.5	22

#	ARTICLE	IF	CITATIONS
74	Modeling the Effect of Cistern Size, Soil Type, and Irrigation Scheduling on Rainwater Harvesting as a Stormwater Control Measure. Water Resources Management, 2014, 28, 4219-4235.	3.9	18
75	Nitrate in Shallow Groundwater Associated with Residential Land Use in Central Florida. Journal of Environmental Quality, 2014, 43, 639-646.	2.0	4
76	Fertilizer and Irrigation Management Effects on Nitrous Oxide Emissions and Nitrate Leaching. Agronomy Journal, 2014, 106, 703-714.	1.8	84
77	Design and Construction of an Urban Runoff Research Facility. Journal of Visualized Experiments, 2014, , e51540.	0.3	O
78	Nitrogen Runoff Losses during Warm-Season Turfgrass Sod Establishment. Journal of Environmental Quality, 2015, 44, 1137-1147.	2.0	4
79	Chemical, Physical, and Biological Characteristics of Urban Soils. Agronomy, 0, , 119-152.	0.2	59
80	Turfgrass Extension and Outreach Programming., 0,, 147-177.		3
81	Suburban Groundwater Quality as Influenced by Turfgrass and Septic Sources, Delmarva Peninsula, USA. Journal of Environmental Quality, 2015, 44, 642-654.	2.0	10
82	Nitrogen Research in Turfgrass. , 2015, , 457-491.		7
83	Variability of N Export in Water: A Review. Critical Reviews in Environmental Science and Technology, 2015, 45, 2245-2281.	12.8	32
84	Modeling water flow and nitrate–nitrogen transport on golf course under turfgrass. Journal of Soils and Sediments, 2015, 15, 1847-1859.	3.0	14
85	Impact of Irrigation, Nitrogen Fertilization, and Spatial Management on Maize. Agronomy Journal, 2016, 108, 1794-1804.	1.8	7
86	Nitrogen Rate Required for Acceptable St. Augustinegrass and Associated Nitrate Leaching. Crop Science, 2016, 56, 439-451.	1.8	17
87	Fifteen Years of Nitrogen Leaching from a Kentucky Bluegrass Turf. Crop Science, 2016, 56, 3338-3344.	1.8	7
88	Nitrate Leaching from Soluble Nitrogen Applied to †Floratam†MSt. Augustinegrass and Common Centipedegrass during Dormancy. Crop Science, 2016, 56, 837-844.	1.8	9
90	Changes in land use driven by urbanization impact nitrogen cycling and the microbial community composition in soils. Scientific Reports, 2017, 7, 44049.	3.3	75
91	Variability, drivers, and effects of atmospheric nitrogen inputs across an urban area: Emerging patterns among human activities, the atmosphere, and soils. Science of the Total Environment, 2017, 609, 1524-1534.	8.0	65
92	Trees and Streets as Drivers of Urban Stormwater Nutrient Pollution. Environmental Science & Emp; Technology, 2017, 51, 9569-9579.	10.0	66

#	ARTICLE	IF	Citations
93	Irrigated Corn Productivity as Influenced by Nitrogen Source, Rate, and Climatic Conditions. Agronomy Journal, 2017, 109, 2957-2965.	1.8	8
94	Deficit Irrigation and Fertility Effects on NO ₃ –N Exports from St. Augustinegrass. Journal of Environmental Quality, 2017, 46, 793-801.	2.0	5
95	Applying Biodiversity and Ecosystem Function Theory to Turfgrass Management. Crop Science, 2017, 57, S-238.	1.8	21
96	Nitrogen Required for Acceptable Centipedegrass Quality, Color, Growth Rate, and Nitrate Leaching. Itsrj, 2017, 13, 86.	0.3	1
97	Influence of leaf age, irrigation and fertilization on leaf tensile strength of <i>Cynodon dactylon</i> and <i>Zoysia japonica</i> . Grassland Science, 2018, 64, 91-99.	1.1	6
98	Assessing evidence on the agronomic and environmental impacts of turfgrass irrigation management. Journal of Agronomy and Crop Science, 2018, 204, 333-346.	3.5	13
99	Spatial and temporal variations in the geochemistry of shallow groundwater contaminated with nitrate at a residential site. Environmental Science and Pollution Research, 2018, 25, 27155-27172.	5.3	7
100	Forging linkages between social drivers and ecological processes in the residential landscape. Landscape and Urban Planning, 2019, 185, 96-106.	7.5	11
101	Towards sustainable water management: Preferences and willingness to pay for smart landscape irrigation technologies. Land Use Policy, 2019, 85, 33-41.	5.6	22
102	Export of nitrogen and phosphorus from golf courses: A review. Journal of Environmental Management, 2020, 255, 109817.	7.8	25
103	Forest and Rangeland Soils of the United States Under Changing Conditions. , 2020, , .		6
104	Sources and concentrations of nutrients in surface runoff from waterfront homes with different landscape practices. Science of the Total Environment, 2021, 750, 142320.	8.0	25
105	Modeling NO ₃ â€"N leaching during establishment of turfgrasses irrigated with tailored reclaimed water. Vadose Zone Journal, 2021, 20, e20112.	2.2	10
106	Numerical simulation of water and nitrogen transport in three turfgrass systems. Itsrj, 2022, 14, 90-109.	0.3	3
107	Urban Tree Canopy Effects on Water Quality via Inputs to the Urban Ground Surface. Ecological Studies, 2020, , 433-457.	1.2	7
108	Carbon Stocks in Urban Forest Remnants: Atlanta and Baltimore as Case Studies. , 2012, , 103-120.		12
109	Nitrogen losses by leaching and runoff: methods and conclusions. , 1996, , 427-432.		1
110	Estimation of N Budgets for Crops. Developments in Agricultural and Managed-forest Ecology, 1989, 21, 221-246.	0.2	14

#	ARTICLE	IF	CITATIONS
111	Evaluation of Irrigation Frequency and Quantity on Leaf Gas Exchange, Growth, and Nitrate Leaching of Coleus in a Simulated Landscape. Hortscience: A Publication of the American Society for Hortcultural Science, 2008, 43, 881-884.	1.0	4
112	Nitrogen and Light Affect Water Use and Water Use Efficiency of Zoysiagrass Genotypes Differing in Canopy Structure. Hortscience: A Publication of the American Society for Hortcultural Science, 2011, 46, 643-647.	1.0	8
113	Turf Nutrient Leaching and Best Management Practices in Florida. HortTechnology, 2010, 20, 107-110.	0.9	4
114	Potential Unintended Consequences Associated with Urban Fertilizer Bans in Florida—A Scientific Review. HortTechnology, 2012, 22, 600-616.	0.9	18
115	In-ground Irrigation Systems Affect Lawn-watering Behaviors of Residential Homeowners. HortTechnology, 2012, 22, 651-658.	0.9	29
116	Effects of Home Value, Home Age, and Lot Size on Lawn-watering Perceptions and Behaviors of Residential Homeowners. HortTechnology, 2015, 25, 90-97.	0.9	10
117	Reducing the Pollution Potential of Pesticides and Fertilizers in the Environmental Horticulture Industry: II. Lawn Care and Landscape Management. HortTechnology, 1996, 6, 222-232.	0.9	3
118	Nitrogen Fertilizer Form and Associated Nitrate Leaching from Coolâ€Season Lawn Turf. Journal of Environmental Quality, 2004, 33, 1822-1827.	2.0	80
119	The Fate of Nitrogen Applied to a Mature Kentucky Bluegrass Turf. Crop Science, 2006, 46, 209-215.	1.8	76
120	Behavior of Nitrate Nitrogen in an Andisol Following Intensive Fertilizer Regimes in Arable Lands Japanese Journal of Water Treatment Biology, 2001, 37, 99-110.	0.1	0
123	Enhancing Turfgrass Nitrogen Use under Stresses. Books in Soils, Plants, and the Environment, 2007, , 557-601.	0.1	2
124	Urban Water Quality and Fertilizer Ordinances: Avoiding Unintended Consequences: A Review of the Scientific Literature. Edis, 2009, 2009, .	0.1	5
125	Measuring and Modelling Nitrogen Leaching: Parallel Problems. , 1996, , 665-670.		7
126	Environment-Friendly Natural Turf for More Comfort for Users: A Review. IOSR Journal of Agriculture and Veterinary Science, 2016, 09, 09-15.	0.1	1
127	Turfgrass: Protection of Soil and Water., 2017,, 2377-2379.		0
128	The Fate of Nitrogen Applied to Florida Turfgrass. Edis, 2018, 2018, .	0.1	2
129	Urban Soils. , 2020, , 127-144.		16
130	Creeping Bentgrass Yield Prediction With Machine Learning Models. Frontiers in Plant Science, 2021, 12, 749854.	3.6	4

CITATION REPORT

#	Article	IF	CITATIONS
131	Insights into Efficient Irrigation of Urban Landscapes: Analysis Using Remote Sensing, Parcel Data, Water Use, and Tiered Rates. Sustainability, 2022, 14, 1427.	3.2	13
132	Cultivar blends: A strategy for creating more resilient warm season turfgrass lawns. Urban Ecosystems, 2022, 25, 797-810.	2.4	5
133	Establishing three warm season turfgrasses with tailored water: I Growth, cover, and nitrate leaching losses. Journal of Environmental Quality, 2022, , .	2.0	0
134	Watershed scale spatiotemporal nitrogen transport and source tracing using dual isotopes among surface water, sediments and groundwater in the Yiluo River Watershed, Middle of China. Science of the Total Environment, 2022, 833, 155180.	8.0	26
136	Evaluating Decision Support Tools for Precision Nitrogen Management on Creeping Bentgrass Putting Greens. Frontiers in Plant Science, 2022, 13 , .	3.6	1
137	Ecological homogenization of soil properties in the American residential macrosystem. Ecosphere, 2022, 13, .	2.2	3
138	Spatial and Temporal Patterns of Nitrogen Mobilization in Residential Lawns. Ecosystems, 0, , .	3.4	1
139	Shortâ€term Soil Carbon Mineralization on Golf Course Sandâ€Based Putting Green and Its Effect on Creeping Bentgrass Nitrogen Uptake. Crop Science, 0, , .	1.8	0