

Influence of Soil Compaction on Three Turfgrass Species

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cutting Height and the Biomass and Tiller Density of <i>Lolium perenne</i> Amenity Turfs. <i>Journal of Applied Ecology</i> , 1992, 29, 611.	4.0	6
2	Vehicular traffic effect on physical properties of sandy loam soil profiles in a semi-arid region of Nigeria. <i>Soil and Tillage Research</i> , 1993, 28, 27-35.	5.6	2
3	Kentucky Bluegrass Growth Responses to Trinexapac-ethyl, Traffic, and Nitrogen. <i>Crop Science</i> , 2001, 41, 1871-1877.	1.8	35
4	Seeded Zoysiagrass Establishment in a Perennial Ryegrass Sward. <i>Crop Science</i> , 2005, 45, 1521-1528.	1.8	15
5	Fifty Years of Splendor in the Grass. <i>Crop Science</i> , 2006, 46, 2218-2229.	1.8	16
6	Evaluating Traffic Stress by the Brinkman Traffic Simulator and Cady Traffic Simulator on a Kentucky Bluegrass Stand. <i>Crop Science</i> , 2007, 47, 782-784.	1.8	17
7	Traffic Stress Effects on Bentgrass Putting Green and Fairway Turf. <i>Crop Science</i> , 2008, 48, 1193-1202.	1.8	34
8	Tolerance and Recovery of Kentucky Bluegrass Subjected to Seasonal Wear. <i>Crop Science</i> , 2010, 50, 1526-1536.	1.8	18
9	Cool-Season Turfgrass Species and Cultivars: Response to Simulated Traffic in Central Italy. <i>Italian Journal of Agronomy</i> , 2010, 5, 53.	1.0	6
10	Turfgrass Root Response to Subsurface Soil Compaction. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 2813-2823.	1.4	9
11	Heavy Sand and Crumb Rubber Topdressing Improves Kentucky Bluegrass Wear Tolerance. , 2011, 8, 1-9.		1
12	Improving Native Soil Athletic Fields With Intercept Drain Tile Installation and Subsequent Sand Topdressing Applications. <i>Soil Science</i> , 2011, 176, 143-149.	0.9	3
13	Foliar Nitrogen Uptake Following Urea Application to Putting Green Turfgrass Species. <i>Crop Science</i> , 2011, 51, 1253-1260.	1.8	27
14	Biophysical Effects and Ground Force of the Baldree Traffic Simulator. <i>Crop Science</i> , 2013, 53, 2239-2244.	1.8	14
15	Comparative Evaluation of Common Savannah Grass on a Range of Soils Subjected to Different Stresses II: Root Zone Physical Condition. <i>Agronomy</i> , 2014, 4, 124-143.	3.0	2
16	The effect of traffic on turfgrass root morphological features. <i>Scientia Horticulturae</i> , 2015, 197, 542-554.	3.6	12
17	Soils, Soil Mixtures, and Soil Amendments. <i>Agronomy</i> , 0, , 331-383.	0.2	25
18	Ecological Aspects of Turf Communities. <i>Agronomy</i> , 0, , 129-174.	0.2	23

#	ARTICLE	IF	CITATIONS
19	Effects of Traffic on Turfgrasses. <i>Agronomy</i> , 0, , 285-330.	0.2	18
20	Soil compaction effects on soil health and cropproductivity: an overview. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10056-10067.	5.3	174
21	Harvesting biofuel grasslands has mixed effects on natural enemy communities and no effects on biocontrol services. <i>Journal of Applied Ecology</i> , 2017, 54, 2011-2021.	4.0	10
22	Water Restriction Impact on Surface Hardness and Soil Volumetric Water Content on Recreational Sports Fields. <i>Itsrsj</i> , 2017, 13, 614-618.	0.3	2
23	The Effect of Wear and Soil Compaction on Kentucky Bluegrass Sod Rooting and Plant Recovery. <i>Itsrsj</i> , 2017, 13, 338.	0.3	2
24	Effect of Rolling on the Lateral Spread of Khakiweed (<i>Kunth</i>). <i>Itsrsj</i> , 2017, 13, 712.	0.3	1
25	Crumb Rubber Depth Is More Important than Particle Size for Improving Bermudagrass Traffic Tolerance. <i>Crop Science</i> , 2017, 57, 2837-2842.	1.8	2
26	Impact of Soil Water Content on Hybrid Bermudagrass Athletic Fields. <i>Crop Science</i> , 2018, 58, 1416-1425.	1.8	8
27	Tolerance of some warm-season turfgrasses to compaction under shade and sunlight conditions in Riyadh, Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1133-1140.	3.8	2
28	Simulated traffic on turfgrasses during drought stress: II. Soil moisture, soil compaction, and rooting. <i>Itsrsj</i> , 0, , .	0.3	1
29	A Guide to Establishing Seeded Zoysiagrass in the Transition Zone. , 2006, 3, 1-16.		6
30	Performance of various cool-season turfgrasses as influenced by simulated traffic in northeastern Italy. <i>European Journal of Horticultural Science</i> , 2016, 81, 27-36.	0.7	15
31	Effects of Morning and Afternoon Shade in Combination with Traffic Stress on Seashore Paspalum. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2003, 38, 1218-1222.	1.0	13
32	Multispectral Radiometer Signatures for Stress Evaluation in Compacted Bermudagrass Turf. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 403-407.	1.0	16
33	Total Nonstructural Carbohydrate Storage in Creeping Bentgrass Treated with Trinexapac-ethyl. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1461-1464.	1.0	6
34	Sand Topdressing Applications Improve Shear Strength and Turfgrass Density on Trafficked Athletic Fields. <i>HortTechnology</i> , 2010, 20, 867-872.	0.9	11
35	Root growth dynamics in golf greens with different compression intensities and winter survival. <i>Agricultural and Food Science</i> , 2007, 16, 66.	0.9	1
36	Soil compaction and arbuscular mycorrhizae affect seedling growth of three grasses. <i>Open Journal of Ecology</i> , 2013, 03, 455-463.	1.0	4

#	ARTICLE	IF	CITATIONS
37	Soil Physical Constraints and Plant Growth Interactions. , 2000, , .		1
38	Effect of Addition of Sand and Soil Amendments to Loam and Brick Grit Media on the Growth of Two Turf Grass Species (<i>Lolium perenne</i> and <i>Festuca rubra</i>). <i>Journal of Applied Sciences</i> , 2009, 9, 2485-2489.	0.3	3
39	Growth and Contents of Inorganic Nutrient during Cultivation of Zoysiagrass. <i>Weed & Turfgrass Science</i> , 2013, 2, 82-87.	0.1	3
40	Effect of Growth and Nitrogen Use Efficiency by Application of Mixed Silicate and Nitrogen Fertilizer on Zoysiagrass Cultivation. <i>Weed & Turfgrass Science</i> , 2014, 3, 137-142.	0.1	4
41	Effects of Trampling on Growth and Development in <i>Zoysia japonica</i> . <i>Weed & Turfgrass Science</i> , 2015, 4, 256-261.	0.1	3
42	Growth Response of Zoysiagrass (<i>Zoysia japonica</i> Steud.) as Affected by Nitrogen Fertilizer Application Rate. <i>Weed & Turfgrass Science</i> , 2015, 4, 397-404.	0.1	1
43	Growth and Quality Changes of Creeping Bentgrass by Application of Liquid Fertilizer Containing Silicate. <i>Weed & Turfgrass Science</i> , 2016, 5, 170-176.	0.1	0
44	Substratos no desenvolvimento de gramao esportivo "Tifton 419". <i>Ornamental Horticulture</i> , 2018, 24, 138-144.	1.0	11
45	Evaluation of vegetative bermudagrasses for traffic tolerance. <i>Acta Horticulturae</i> , 2020, , 153-158.	0.2	1
46	Robotic Mowing of Tall Fescue at 90 mm Cutting Height: Random Trajectories vs. Systematic Trajectories. <i>Agronomy</i> , 2021, 11, 2567.	3.0	5
47	Influence of traffic stress on warm season turfgrass species under simulated traffic. , 2017, 87, .		2
48	Influence of aerification technique on recuperative potential of warm season turfgrasses. , 2018, 88, 779-785.		1