

Growth Responses and Performance of Kentucky Bluegrass

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Osmotic Adjustment and Root Growth Associated with Drought Preconditioningâ€Enhanced Heat Tolerance in Kentucky Bluegrass. <i>Crop Science</i> , 2001, 41, 1168-1173.	1.8	79
2	Morphological and Physiological Characteristics Associated with Heat Tolerance in Creeping Bentgrass. <i>Crop Science</i> , 2001, 41, 127-133.	1.8	57
3	Title is missing!. <i>Plant and Soil</i> , 2001, 229, 225-234.	3.7	109
4	Physiological Adaptation of Kentucky Bluegrass to Localized Soil Drying. <i>Crop Science</i> , 2004, 44, 1307-1314.	1.8	38
5	Evaluation of Drought Resistance for Texas Bluegrass, Kentucky Bluegrass, and Their Hybrids. <i>Crop Science</i> , 2004, 44, 1746-1753.	1.8	66
6	Relationships between Water Use Efficiency, Carbon Isotope Discrimination, and Turf Performance in Genotypes of Kentucky Bluegrass during Drought. <i>Crop Science</i> , 2004, 44, 1754-1762.	1.8	45
7	Soilâ€waterâ€use Characteristics of Precisionâ€irrigated Buffalograss and Kentucky Bluegrass. , 2004, 1, 1-9.		10
8	RECENT ADVANCES IN DROUGHT AND HEAT STRESS PHYSIOLOGY OF TURFGRASS - A REVIEW. <i>Acta Horticulturae</i> , 2004, , 185-192.	0.2	14
9	Deficit Irrigation Effects on Water Use Characteristics of Bentgrass Species. <i>Crop Science</i> , 2006, 46, 1779-1786.	1.8	42
10	Perennial grasses for turf, sport and amenity uses: evolution of form, function and fitness for human benefit. <i>Journal of Agricultural Science</i> , 2006, 144, 189-203.	1.3	25
11	Evaluation of a crop water stress index for irrigation scheduling of bermudagrass. <i>Agricultural Water Management</i> , 2007, 90, 205-212.	5.6	44
12	Effects of High Temperature and Drought on a Hybrid Bluegrass Compared with Kentucky Bluegrass and Tall Fescue. <i>Crop Science</i> , 2007, 47, 2152-2161.	1.8	45
13	Effects of simultaneous drought and heat stress on Kentucky bluegrass. <i>Scientia Horticulturae</i> , 2008, 115, 190-195.	3.6	66
14	Sensor-Based Automation of Irrigation on Bermudagrass, during Wet Weather Conditions. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2008, 134, 120-128.	1.0	63
15	Anthracoze Severity on Annual Bluegrass Influenced by Nitrogen Fertilization, Growth Regulators, and Verticutting. <i>Crop Science</i> , 2008, 48, 1595-1607.	1.8	44
16	MECHANISMS AND STRATEGIES FOR IMPROVING DROUGHT RESISTANCE IN TURFGRASS. <i>Acta Horticulturae</i> , 2008, , 221-228.	0.2	23
17	Drought Tolerance and Rooting Capacity of Kentucky Bluegrass Cultivars. <i>Crop Science</i> , 2008, 48, 2429-2436.	1.8	62
18	Selecting for drought tolerance among Australian green couch grasses (<i>Cynodon</i> spp.). <i>Crop and Pasture Science</i> , 2009, 60, 1175.	1.5	24

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19	Topdressing Kentucky Bluegrass with Compost Increases Soil Water Content and Improves Turf Quality During Drought. <i>Compost Science and Utilization</i> , 2009, 17, 95-102.	1.2	8
20	Modified responses of root growth and reactive oxygen species-scavenging system to combined salt and heat stress in transgenic rice. <i>Russian Journal of Plant Physiology</i> , 2010, 57, 518-525.	1.1	4
21	Diffusion limitations and metabolic factors associated with inhibition and recovery of photosynthesis from drought stress in a C ₃ perennial grass species. <i>Physiologia Plantarum</i> , 2010, 139, 93-106.	5.2	132
22	Drought Stress Responses and Recovery of Texas A— Kentucky Hybrids and Kentucky Bluegrass Genotypes in Temperate Climate Conditions. <i>Agronomy Journal</i> , 2010, 102, 258-268.	1.8	52
23	Potential Management Alternatives for Invaded Rangelands in the Northern Great Plains. <i>Rangelands</i> , 2010, 32, 26-31.	1.9	8
24	Heat Shock Proteins in Association with Heat Tolerance in Grasses. <i>International Journal of Proteomics</i> , 2011, 2011, 1-11.	2.0	76
25	Membrane Fatty Acid Composition and Saturation Levels Associated with Leaf Dehydration Tolerance and Post-Drought Rehydration in Kentucky Bluegrass. <i>Crop Science</i> , 2011, 51, 273-281.	1.8	57
26	Temperature influences the ability of tall fescue to control transpiration in response to atmospheric vapour pressure deficit. <i>Functional Plant Biology</i> , 2012, 39, 979.	2.1	33
27	Comparative Analysis of Proteomic Responses to Single and Simultaneous Drought and Heat Stress for Two Kentucky Bluegrass Cultivars. <i>Crop Science</i> , 2012, 52, 1246-1260.	1.8	10
28	Root carbon and protein metabolism associated with heat tolerance. <i>Journal of Experimental Botany</i> , 2012, 63, 3455-3465.	4.8	137
29	Research Progress on Water Use Efficiency and Drought Resistance of Turfgrass. <i>The Journal of Northeast Agricultural University</i> , 2013, 20, 85-90.	0.1	5
30	Morphological and Physiological Responses of St. Augustine Grass Cultivars to Different Levels of Soil Moisture. <i>Journal of Crop Improvement</i> , 2013, 27, 291-308.	1.7	2
31	Drought Resistance of C ₄ Grasses Under Field Conditions: Genetic Variation Among a Large Number of Bermudagrass (<i>Cynodon</i> spp.) Ecotypes Collected from Different Climatic Zones. <i>Journal of Agronomy and Crop Science</i> , 2013, 199, 253-263.	3.5	16
32	Ralapanawa RND - Automated water management system for Irrigation Department, Sri Lanka. , 2013, , .		0
33	Cool Season Invasive Grasses in Northern Great Plains Natural Areas. <i>Natural Areas Journal</i> , 2013, 33, 81-90.	0.5	58
34	Drought resistance of bermudagrass (<i>Cynodon</i> spp.) ecotypes collected from different climatic zones. <i>Environmental and Experimental Botany</i> , 2013, 85, 22-29.	4.2	30
35	Temporal and spatial patterns of soil water extraction and drought resistance among genotypes of a perennial C ₄ grass. <i>Functional Plant Biology</i> , 2013, 40, 379.	2.1	10
36	Growth and Physiological Traits of Canopy and Root Systems Associated with Drought Resistance in Tall Fescue. <i>Crop Science</i> , 2013, 53, 575-584.	1.8	10

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37	Interspecific Relationships between White Clover, Kentucky Bluegrass, and Canada Thistle during Establishment. <i>Agronomy Journal</i> , 2013, 105, 1467-1474.	1.8	3
38	Development of SCAR Marker Related to Summer Stress Tolerance in Tall Fescue (&i>Festuca) Tj ETQq1 1 0.784314 rgBI /Overl	1.1	5
39	Transcriptomics of Heat Stress in Plants. , 2014, , 49-89.		4
40	Drought resistance and soil water extraction of a perennial C4 grass: contributions of root and rhizome traits. <i>Functional Plant Biology</i> , 2014, 41, 505.	2.1	40
41	Genotypic response of detached leaves versus intact plants for chlorophyll fluorescence parameters under high temperature stress in wheat. <i>Journal of Plant Physiology</i> , 2014, 171, 576-586.	3.5	40
42	Research Advances in Mechanisms of Turfgrass Tolerance to Abiotic Stresses: From Physiology to Molecular Biology. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 141-189.	5.7	162
43	Improvement of Crops in the Era of Climatic Changes. , 2014, , .		7
44	Evaluation of genotypic variation in heat tolerance of tall fescue by functional traits. <i>Euphytica</i> , 2014, 199, 247-260.	1.2	13
46	Turfgrass Water Use and Physiology. , 0, , 319-345.		0
47	Comparative study of diversity based on heat tolerant-related morpho-physiological traits and molecular markers in tall fescue accessions. <i>Scientific Reports</i> , 2015, 5, 18213.	3.3	9
48	Lawn to Lake: Lessons Learned from a Collaborative Natural Lawn Care Program. <i>Journal of Contemporary Water Research and Education</i> , 2015, 156, 56-67.	0.7	1
49	Does Surface or Subsurface Tillage Influence Burley Tobacco Yield, Leaf Temperature, or Alkaloid Content?. <i>Crop, Forage and Turfgrass Management</i> , 2015, 1, 1-9.	0.6	0
50	Cool-Season Grasses: Biology and Breeding. , 0, , 591-660.		32
51	Irrigation Science and Technology. , 2015, , 1075-1131.		19
52	Heat-Stress Physiology and Management. , 0, , 249-278.		2
53	Common genetic basis for canopy temperature depression under heat and drought stress associated with optimized root distribution in bread wheat. <i>Theoretical and Applied Genetics</i> , 2015, 128, 575-585.	3.6	142
54	Association of SSR markers with functional traits from heat stress in diverse tall fescue accessions. <i>BMC Plant Biology</i> , 2015, 15, 116.	3.6	46
55	Quantitative Trait Loci Associated with Physiological Traits for Heat Tolerance in Creeping Bentgrass. <i>Crop Science</i> , 2016, 56, 1314-1329.	1.8	7

#	ARTICLE	IF	CITATIONS
56	Response of 110 Kentucky Bluegrass Varieties and Winter Annual Weeds to Methiozolin. <i>Weed Technology</i> , 2016, 30, 965-978.	0.9	4
57	Development of fine-leaved <i>Festuca</i> grass populations identifies genetic resources having improved forage production with potential for wildfire control in the western United States. <i>Euphytica</i> , 2016, 209, 377-393.	1.2	12
58	Assessment of the Crop Water Stress Index and Color Quality of Bur Clover (<i>Medicago</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td Analysis, 2019, 50, 2825-2835.	1.4	6
59	Impacts of abiotic stresses on the physiology and metabolism of cool-season grasses: A review. <i>Food and Energy Security</i> , 2019, 8, e00152.	4.3	25
60	Kentucky Bluegrass Performance Under Chronic Drought Stress. <i>Crop, Forage and Turfgrass Management</i> , 2019, 5, 180089.	0.6	6
61	Evaluation of Water Retention Products to Conserve Urban Water Resources in Home Lawns. <i>Crop, Forage and Turfgrass Management</i> , 2019, 5, 190051.	0.6	1
62	A Review on Kentucky Bluegrass Responses and Tolerance to Drought Stress. , 0, , .		2
63	Response of Retail Lawn Seed Products during Acute Drought and Recovery. <i>HortTechnology</i> , 2021, 31, 448-457.	0.9	1
64	Transcript responses to drought in Kentucky bluegrass (<i>Poa pratensis</i> L.) germplasm varying in their tolerance to drought stress. <i>Environmental and Experimental Botany</i> , 2021, 190, 104571.	4.2	5
65	Drought Resistance and Resilience of Non-Native versus Invaded-Native Grassland in the Northern Tallgrass Prairie. <i>Rangeland Ecology and Management</i> , 2021, 79, 100-109.	2.3	2
66	Bluegrasses. , 2010, , 345-379.		16
67	Physiological Mechanisms of Nitrogen Absorption and Assimilation in Plants Under Stressful Conditions. , 2001, , .		4
68	Root Weight, Nonstructural Carbohydrate Content, and Shoot Density of High-density Creeping Bentgrass Cultivars. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 368-370.	1.0	22
69	Physiological Responses to Heat Stress Alone or in Combination with Drought: A Comparison between Tall Fescue and Perennial Ryegrass. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 682-686.	1.0	103
70	Abscisic Acid Accumulation in Relation to Drought Tolerance in Kentucky Bluegrass. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1133-1137.	1.0	21
71	Differential Responses of Hybrid Bluegrass and Kentucky Bluegrass to Drought and Heat Stress. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 2191-2195.	1.0	19
72	Response of Kentucky Bluegrass (<i>Poa pratensis</i> L.) Cultivars and Selections to Bispyribac-sodium Herbicide. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 2252-2255.	1.0	10
73	Classification and Inheritance of Morphological and Agronomic Characteristics in Kentucky Bluegrass (<i>Poa pratensis</i> L.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 274-279.	1.0	20

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74	Salt Tolerance and Canopy Reflectance of Kentucky Bluegrass Cultivars. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 952-960.	1.0	16
75	Response of Six Bermudagrass Cultivars to Different Irrigation Intervals. <i>HortTechnology</i> , 2006, 16, 466-470.	0.9	20
76	Effects of Mowing and Trinexapac-Ethyl on St. Augustinegrass Sod Establishment during a Simulated Water Variance Period. <i>HortTechnology</i> , 2016, 26, 54-62.	0.9	2
77	Changes in Carbon Partitioning and Accumulation Patterns during Drought and Recovery for Colonial Bentgrass, Creeping Bentgrass, and Velvet Bentgrass. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 484-490.	1.0	34
78	Tufted Hairgrass Responses to Heat and Drought Stress. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 289-293.	1.0	6
79	Morphological, Physiological, and Anatomical Characteristics Associated with Heat Preconditioning and Heat Tolerance in <i>Salvia splendens</i> . <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 527-534.	1.0	15
80	Differential Responses to Heat Stress in Activities and Isozymes of Four Antioxidant Enzymes for Two Cultivars of Kentucky Bluegrass Contrasting in Heat Tolerance. <i>Journal of the American Society for Horticultural Science</i> , 2010, 135, 116-124.	1.0	43
81	Changes in Carbohydrate Metabolism in Two Kentucky Bluegrass Cultivars during Drought Stress and Recovery. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 24-30.	1.0	22
82	Quantifying Water Status of Safflower (<i>Carthamus Tinctorius L.</i>) Cultivars by Crop Water Stress Index Under Different Irrigation Regimes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
83	Turfgrass Drought Physiology and Irrigation Management. <i>Books in Soils, Plants, and the Environment</i> , 2007, , 431-445.	0.1	3
84	Physiological Responses of Ivy Geranium "Beach"™ and "Butterfly"™ to Heat Stress. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 344-349.	1.0	0
85	Comparison of osmoprotectants and antioxidant enzymes of different wild Kentucky bluegrass in Shanxi province under high-temperature stress. <i>European Journal of Horticultural Science</i> , 2020, 85, 284-292.	0.7	4
87	Quantifying water stress of safflower (<i>Carthamus tinctorius L.</i>) cultivars by crop water stress index under different irrigation regimes. <i>Heliyon</i> , 2022, 8, e09010.	3.2	4
88	Non-Native Plant Invasions in Prairie Grasslands of Alberta, Canada. <i>Rangeland Ecology and Management</i> , 2022, 83, 20-30.	2.3	6
89	Coupled modelling of hydrological processes and grassland production in two contrasting climates. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2277-2299.	4.9	4
90	Evaluating cool-season grass species as potential perennial groundcover for maize production. <i>Agronomy Journal</i> , 0, , .	1.8	0
91	Transpirational Leaf Cooling Effect Did Not Contribute Equally to Biomass Retention in Wheat Genotypes under High Temperature. <i>Plants</i> , 2022, 11, 2174.	3.5	4
92	Overexpression of PagERF072 from Poplar Improves Salt Tolerance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10707.	4.1	5

#	ARTICLE	IF	CITATIONS
93	Drought response of 10 bermudagrass genotypes under field and controlled environment conditions. , 2022, 5, .		0
94	The Effects of Different Irrigation Levels and Nitrogen Doses on Growth, Quality and Physiological Parameters of Warm-Season Turfgrasses. Tarim Bilimleri Dergisi, 0, , .	0.4	0
95	ASSESSMENT OF MODEL GRASS PLOTS OF THE CITY OF KYIV IN ECO-CONDITIONS OF ANTHROPOGENIC LOAD. Ukrainian Journal of Forest and Wood Science, 2022, 13, .	0.2	0
96	Changes in root behavior of wheat species under abiotic stress conditions. , 2023, , 161-177.		0