

Physiological Recovery of Kentucky Bluegrass from Sim Stress

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ecophysiological and morphological parameters related to survival in grass species exposed to an extreme climatic event. <i>Physiologia Plantarum</i> , 2005, 125, 500-512.	5.2	28
2	Abiotic stress, the field environment and stress combination. <i>Trends in Plant Science</i> , 2006, 11, 15-19.	8.8	2,358
3	Physiological and Biochemical Indicators for Stress Tolerance. , 2006, , 321-355.		9
4	Mutation in a homolog of yeast Vps53p accounts for the heat and osmotic hypersensitive phenotypes in <i>Arabidopsis</i> hit1-1 mutant. <i>Planta</i> , 2006, 224, 330-338.	3.2	34
5	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
6	Color and Shoot Regrowth of Turf-type Crested Wheatgrass Managed Under Deficit Irrigation. , 2007, 4, 1-9.		4
7	Protein Changes during Heat Stress in Three Kentucky Bluegrass Cultivars Differing in Heat Tolerance. <i>Crop Science</i> , 2007, 47, 2513-2520.	1.8	30
8	Effects of Zinc Deficiency and Drought on Grain Yield of Field-grown Wheat Cultivars in Central Anatolia. <i>Journal of Agronomy and Crop Science</i> , 2007, 193, 198-206.	3.5	143
9	The effect of drought and heat stress on reproductive processes in cereals. <i>Plant, Cell and Environment</i> , 2008, 31, 11-38.	5.7	1,435
10	Changes in antioxidant activities and phenol content in tomato plants subjected to partial root drying and regulated deficit irrigation. <i>Plant Biosystems</i> , 2008, 142, 550-562.	1.6	34
11	Enzymatic antioxidant responses to biostimulants in maize and soybean subjected to drought. <i>Scientia Agricola</i> , 2009, 66, 395-402.	1.2	73
12	Plant drought stress: effects, mechanisms and management. <i>Agronomy for Sustainable Development</i> , 2009, 29, 185-212.	5.3	2,511
13	Plant Drought Stress: Effects, Mechanisms and Management. , 2009, , 153-188.		552
14	Conceptual framework for drought phenotyping during molecular breeding. <i>Trends in Plant Science</i> , 2009, 14, 488-496.	8.8	213
15	Are Changes in Species Composition on Central North Dakota Rangelands Due to Non-Use Management?. <i>Rangelands</i> , 2009, 31, 16-19.	1.9	31
16	Competitive Effects of Nuttall's and Weeping Alkaligrass in Kentucky Bluegrass. <i>Northwest Science</i> , 2009, 83, 325-333.	0.2	3
17	Comparative Analysis of Drought Responsive Proteins in Kentucky Bluegrass Cultivars Contrasting in Drought Tolerance. <i>Crop Science</i> , 2010, 50, 2543-2552.	1.8	26
18	Seedling Biomass Partition and Water Use Efficiency of Switchgrass and Milkvech in Monocultures and Mixtures in Response to Various Water Availabilities. <i>Environmental Management</i> , 2010, 46, 599-609.	2.7	5

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19	Water-deficit and high temperature affected water use efficiency and arabinoxylan concentration in spring wheat. <i>Journal of Cereal Science</i> , 2010, 52, 263-269.	3.7	53
20	Interactions between temperature, drought and stomatal opening in legumes. <i>Environmental and Experimental Botany</i> , 2010, 68, 37-43.	4.2	105
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	Preliminary assessment of bambara groundnut (<i>Vigna subterranea</i> L.) landraces for temperature and water stress tolerance under field conditions in Botswana. <i>South African Journal of Plant and Soil</i> , 2010, 27, 312-321.	1.1	9
24	Genotypic differences in some physiological parameters symptomatic for oxidative stress under moderate drought in tomato plants. <i>Plant Science</i> , 2010, 178, 30-40.	3.6	318
25	Salinity Tolerance of Cool-Season Turfgrass Cultivars Under Field Conditions. , 2011, 8, 1-11.		8
26	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
27	Effect of high temperature and water stress on pollen germination and spikelet fertility in rice. <i>Environmental and Experimental Botany</i> , 2011, 70, 58-65.	4.2	211
28	Salinity Tolerance of Kentucky Bluegrass Cultivars and Selections Using an Overhead Irrigated Screening Technique. <i>Crop Science</i> , 2011, 51, 2846-2857.	1.8	10
29	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
30	Metabolomics - Useful Tool for Study of Plant Responses to Abiotic Stresses. <i>Ecological Chemistry and Engineering S</i> , 2012, 19, 133-161.	1.5	27
31	Independent and Combined Effects of Soil Warming and Drought Stress During Anthesis on Seed Set and Grain Yield in Two Spring Wheat Varieties. <i>Journal of Agronomy and Crop Science</i> , 2012, 198, 245-253.	3.5	51
32	Photosynthesis, energy partitioning, and metabolic adjustments of the endangered Cistaceae species <i>Tuberaria major</i> under high temperature and drought. <i>Photosynthetica</i> , 2013, 51, 75-84.	1.7	22
33	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
34	Kinetics of metabolism in sugarcane (<i>Saccharum officinarum</i> L.) under heat stress. <i>Indian Journal of Plant Physiology</i> , 2013, 18, 41-47.	0.8	5
35	Effect of cadmium uptake and heat stress on root ultrastructure, membrane damage and antioxidative response in rice seedlings. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2013, 22, 103-112.	1.7	22
36	Induced Response of Sugarcane Variety Co 86032 for Thermotolerance. <i>Sugar Tech</i> , 2013, 15, 17-26.	1.8	9

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37	Heat stress induction of <i>R³⁹⁸</i> triggers a regulatory loop that is critical for thermotolerance in <i>A. rabiidopsis</i> . <i>Plant Journal</i> , 2013, 74, 840-851.	5.7	330
38	Physiological traits related to drought tolerance in tall fescue. <i>Euphytica</i> , 2013, 190, 401-414.	1.2	52
39	The Critical Role of Potassium in Plant Stress Response. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7370-7390.	4.1	1,096
40	Effects of double stress on antioxidant enzyme activity in <i>Vigna radiata</i> (L.) Wilczek. <i>Acta Botanica Croatica</i> , 2013, 72, 145-156.	0.7	23
41	Alleviation of Water Stress Effects on MR220 Rice by Application of Periodical Water Stress and Potassium Fertilization. <i>Molecules</i> , 2014, 19, 1795-1819.	3.8	35
42	Physiological, biochemical, and genome-wide transcriptional analysis reveals that elevated CO_2 mitigates the impact of combined heat wave and drought stress in <i>Arabidopsis thaliana</i> at multiple organizational levels. <i>Global Change Biology</i> , 2014, 20, 3670-3685.	9.5	152
43	Individual and combined effects of transient drought and heat stress on carbon assimilation and seed filling in chickpea. <i>Functional Plant Biology</i> , 2014, 41, 1148.	2.1	214
44	Turf and Landscape Irrigation. <i>Agronomy</i> , 2015, , 337-361.	0.2	1
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46	Heat-Stress Physiology and Management. , 0, , 249-278.		2
47	The characterization of GmTIP, a root-specific gene from soybean, and the expression analysis of its promoter. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 259-274.	2.3	18
48	Temporal transcriptome profiling reveals expression partitioning of homeologous genes contributing to heat and drought acclimation in wheat (<i>Triticum aestivum</i> L.). <i>BMC Plant Biology</i> , 2015, 15, 152.	3.6	343
49	Root and physiological characteristics associated with drought tolerance in Iranian tall fescue. <i>Euphytica</i> , 2015, 202, 141-155.	1.2	37
50	Exploration and Utilization of Drought-Tolerant Barley Germplasm. , 2016, , 115-152.		3
51	Genotypic Variation in Growth and Physiological Response to Drought Stress and Re-Watering Reveals the Critical Role of Recovery in Drought Adaptation in Maize Seedlings. <i>Frontiers in Plant Science</i> , 2015, 6, 1241.	3.6	225
52	Survival and recovery of tall fescue genotypes: association with root characteristics and drought tolerance. <i>Grass and Forage Science</i> , 2016, 71, 632-640.	2.9	6
53	Response of 110 Kentucky Bluegrass Varieties and Winter Annual Weeds to Methiozolin. <i>Weed Technology</i> , 2016, 30, 965-978.	0.9	4
54	Foliar application of silicon at different growth stages alters growth and yield of selected wheat cultivars. <i>Journal of Plant Nutrition</i> , 2016, 39, 1194-1203.	1.9	37

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56	Effect of silicon on photosynthetic gas exchange, photosynthetic pigments, cell membrane stability and relative water content of different wheat cultivars under drought stress conditions. <i>Journal of Plant Nutrition</i> , 2016, 39, 1001-1015.	1.9	116
57	Genetic analysis of root and physiological traits of tall fescue in association with drought stress conditions. <i>Euphytica</i> , 2017, 213, 1.	1.2	10
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60	Transcriptomic Identification of Drought-Related Genes and SSR Markers in Sudan Grass Based on RNA-Seq. <i>Frontiers in Plant Science</i> , 2017, 8, 687.	3.6	14
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65	Recurrent water deficit causes alterations in the profile of redox proteins in citrus plants. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 497-507.	5.8	8
66	Transcriptome profiling analysis characterized the gene expression patterns responded to combined drought and heat stresses in soybean. <i>Computational Biology and Chemistry</i> , 2018, 77, 413-429.	2.3	46
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70	Vegetable Grafting: A Toolbox for Securing Yield Stability under Multiple Stress Conditions. <i>Frontiers in Plant Science</i> , 2017, 8, 2255.	3.6	96
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74	Growth traits associated with drought survival, recovery and persistence of cocksfoot (<i>Dactylis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.5	11
75	The Effect of Climate Change on Abiotic Plant Stress: A Review. , 0, , .		20
76	Impact of Climate Change on Crops Adaptation and Strategies to Tackle Its Outcome: A Review. <i>Plants</i> , 2019, 8, 34.	3.5	901
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79	Effect of Partial Root-Zone Drying Irrigation (PRD) on the Gas Exchange and Antioxidant Enzymatic Activities in Alfalfa. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 127-136.	3.4	9
80	Water-Use Efficiency Under Changing Climatic Conditions. , 2019, , 111-180.		19
81	Leaf Morphological and Biochemical Responses of Three Potato (<i>Solanum tuberosum</i> L.) Cultivars to Drought Stress and Aphid (<i>Myzus persicae</i> Sulzer) Infestation. <i>Insects</i> , 2019, 10, 435.	2.2	20
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83	Activation tagging identifies Arabidopsis transcription factor AtMYB68 for heat and drought tolerance at yield determining reproductive stages. <i>Plant Journal</i> , 2020, 104, 1535-1550.	5.7	23
84	Response to salt stress imposed on cultivars of three turfgrass species: <i>Poa pratensis</i> , <i>Lolium perenne</i> , and <i>Puccinellia distans</i> . <i>Crop Science</i> , 2020, 60, 1648-1659.	1.8	5
85	Dynamic responses of gas exchange and photochemistry to heat interference during drought in wheat and sorghum. <i>Functional Plant Biology</i> , 2020, 47, 611.	2.1	8
86	Characterization of actinomycetes isolates for plant growth promoting traits and their effects on drought tolerance in maize. <i>Journal of Plant Interactions</i> , 2020, 15, 93-105.	2.1	87
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90	Mineral Nutrition of Plants Under Soil Water Deficit Condition: A Review. , 2021, , 287-391.		1

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92	Research patterns and trends in classification of biotic and abiotic stress in plant leaf. <i>Materials Today: Proceedings</i> , 2021, 45, 4377-4382.	1.8	5
93	Effect of Soil Water Deficits on Plantâ€“Water Relationship: A Review. , 2021, , 1-98.		2
94	Gene expression differences for drought stress response in three cool-season turfgrasses. <i>Itsrsj</i> , 0, , .	0.3	1
95	Variability in drought response among the plus tree accessions of <i>Tectona grandis</i> (Linn f.) from the provenances of Kerala, South India. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	1
96	Effects of combined shade and drought stress on turfâ€“type bermudagrasses. <i>Itsrsj</i> , 0, , .	0.3	4
97	Variable impacts on growth of deficit irrigation on <i>Cynodon dactylon</i> (L.) Pers.â€“â€“ <i>Cynodon transvaalensis</i> Burt Davy and <i>Poa pratensis</i> L. <i>Itsrsj</i> , 0, , .	0.3	0
98	A Review on Kentucky Bluegrass Responses and Tolerance to Drought Stress. , 0, , .		2
99	Effects of Low-Level Artificial Light at Night on Kentucky Bluegrass and an Introduced Herbivore. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	8
100	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
101	Drought Resistance and Its Improvement. , 2011, , 53-152.		39
102	Transcriptomic Analysis of Multiple Environmental Stresses in Plants. , 2010, , 511-524.		3
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105	Physiological Responses of the Green Manure, <i>Vicia Sativa</i> , to Drought. <i>Botanical Sciences</i> , 2012, 90, 305-311.	0.8	13
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110	Growth and Physiological Traits Associated with Drought Survival and Post-drought Recovery in Perennial Turfgrass Species. <i>Journal of the American Society for Horticultural Science</i> , 2010, 135, 125-133.	1.0	55
111	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
112	Differential Effectiveness of Doubling Ambient Atmospheric CO ₂ Concentration Mitigating Adverse Effects of Drought, Heat, and Combined Stress in Kentucky Bluegrass. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 364-373.	1.0	3
113	Growth and Physiological Factors Involved in Interspecific Variations in Drought Tolerance and Postdrought Recovery in Warm- and Cool-season Turfgrass Species. <i>Journal of the American Society for Horticultural Science</i> , 2015, 140, 459-465.	1.0	5
115	Mitigating water stress on wheat through foliar application of silicon. <i>Asian Journal of Agriculture and Biology</i> , 2020, 8, 1-10.	0.8	13
116	Oxidative Stress and Photosynthesis Reduction of Cultivated (<i>Glycine max</i> L.) and Wild Soybean (<i>G. Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>)	0.4	20
117	Response of Cowpea Genotypes to Drought Stress in Uganda. <i>American Journal of Plant Sciences</i> , 2017, 08, 720-733.	0.8	15
118	The Role of Potassium in Plants under Drought Stress: Mini Review. <i>Journal of Basic & Applied Sciences</i> , 0, 13, 268-271.	0.8	31
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120	Enhancing Turfgrass Nitrogen Use under Stresses. <i>Books in Soils, Plants, and the Environment</i> , 2007, , 557-601.	0.1	2
121	Establishment and Maintenance During Establishment of Hybrid Bluegrass (<i>P. arachnifera</i> Torr. $\tilde{\text{A}}$ — <i>P.</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i> <i>Horticultural Science</i> , 2009, 44, 815-819.	1.0	3
122	Effects of Zn stress on antioxidant enzyme activity in <i>Lemna polyrrhiza</i> L.. <i>Environment Conservation Journal</i> , 2021, 15, 117-121.	0.2	0
123	Effects of seed priming on catalase activity and storage reservoirs of aged milk thistle seeds (<i>Silybum</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	0.4	2
124	Physiological and Biochemical Indicators for Stress Tolerance. , 2016, , 347-382.		6
125	EFFECT OF ASCORBATE, SALICYLATE AND SILICATE ON POTATO PLANT UNDER WATER DEFICIT STRESS CONDITIONS. <i>Arab Universities Journal of Agricultural Sciences</i> , 2019, 27, 1-15.	0.0	1
126	Effects of Low-Level Artificial Light at Night on Interactions and Related Biology of the House Cricket (<i>Acheta domesticus</i>) and Kentucky Bluegrass (<i>Poa pratensis</i>). <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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130	Assessing the potential of native ecotypes of <i>Poa pratensis</i> L. for forage yield and phytochemical compositions under water deficit conditions. <i>Scientific Reports</i> , 2022, 12, 1121.	3.3	4
131	Seed Size, Planting Depth, and a Perennial Groundcover System Effect on Corn Emergence and Grain Yield. <i>Agronomy</i> , 2022, 12, 437.	3.0	4
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134	Characterization of drought tolerance in maize: omics approaches. , 2022, , 279-294.		1
135	Chitosan nanoparticles improve physiological and biochemical responses of <i>Salvia abrotanoides</i> (Kar.) under drought stress. <i>BMC Plant Biology</i> , 2022, 22, .	3.6	31
137	Physio-biochemical responses of grafted tomatoes differing in thermotolerance to heat stress and recovery. <i>Scientia Horticulturae</i> , 2023, 308, 111546.	3.6	4
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139	Priming effects on seed germination and seedling vigour in two perennial grasses targeted for degraded arid ecosystem restoration. <i>Folia Geobotanica</i> , 0, , .	0.9	0
140	The Effects of Different Irrigation Levels and Nitrogen Doses on Growth, Quality and Physiological Parameters of Warm-Season Turfgrasses. <i>Tarim Bilimleri Dergisi</i> , 0, , .	0.4	0
141	Potato (<i>Solanum tuberosum</i> L.) Leaf Extract Concentration Affects Performance and Oxidative Stress		

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150	Morpho-Physiological and Biochemical Responses of Maize Hybrids under Recurrent Water Stress at Early Vegetative Stage. <i>Agriculture (Switzerland)</i> , 2023, 13, 1795.	3.1	2
151	Enhancing Water Use Efficiency by Using Potassium-Efficient Cotton Cultivars Based on Morphological and Biochemical Characteristic. , 0, , .		0
152	Condition of Young Japanese Knotweed (<i>Reynoutria japonica</i> Houtt.) Offshoots in Response to Microwave Radiation of Their Rhizomes. <i>Agronomy</i> , 2023, 13, 2838.	3.0	0
153	Global Prospects of Climate-Resilient Agriculture. , 2023, , 1-25.		0
154	Climate Resilience Technologies for Wheat Production. , 2023, , 189-207.		0