

Research Programs Funded by The Lawn Institute to Benefit the Turfgrass Industry

Year Funded	Topic1	ID	Representative	Institution	Country
77-78	Soil Depletion Study	359	Dr. Richard Skogley	Rhode Island, University of	USA
77-78	Soil Depletion Study	360	Barbara Tweedle	Nursery Sod Growers Association of Ontario	Canada
78-79	Fusarium Blight Research	358	Dr. Richard Smiley	Oregon State University	USA
79-80	Fusarium Blight Research	358	Dr. Richard Smiley	Oregon State University	USA
81-82	Fusarium Blight Research	358	Dr. Richard Smiley	Oregon State University	USA
81-82	Fusarium Research	42	Dr. Gayle L. Worf	Wisconsin, University of	USA
81-82	Fusarium Research	134	Dr. Pat Sanders	Penn State University	USA
84-85	Common Bermudagrass Control	115	Dr. Ray Dickens	Auburn University	USA
84-85	Fusarium Blight Research	358	Dr. Richard Smiley	Oregon State University	USA
85-86	in Urban Areas	357	Dr. James Beard	International Sports Turf Institute	USA
85-86	Enhancement of Rooting of Transplanted Kentucky Bluegrass and Tall Fescue Sod	41	Dr. R. E. Schmidt	VPI and SU	USA
85-86	The Effect of Turf Establishment Method on Water Supply	55	Dr. Thomas L. Watschke	Penn State University	USA
86-87	Absorption by Bluegrass Roots	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
86-87	The Effects of Turf Establishment Method on Water Quality	55	Dr. Thomas L. Watschke	Penn State University	USA
86-87	Effects of Turfgrass Management on Ground Water Quality and Water Use	29	Dr. A. Martin Petrovic	Cornell University	USA
86-87	A Quantative Assessment of the Benefits From Irrigated Turf on Environmental Cooling and Energy	357	Dr. James Beard	International Sports Turf Institute	USA
87-88	Absorption by Bluegrass Roots	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
87-88	Effects of Turfgrass Management of Ground Water Quality and Water Use	29	Dr. A. Martin Petrovic	Cornell University	USA
87-88	The Effects of Turf Establishment Method on Water Quality	55	Dr. Thomas L. Watschke	Penn State University	USA
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88-89	in Urban Areas	357	Dr. James Beard	International Sports Turf Institute	USA
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88-89	Effects of Turfgrass Management of Ground Water Quality and Water Use	29	Dr. A. Martin Petrovic	Cornell University	USA
88-89	The Effects of Turf Establishment Method on Water Quality	55	Dr. Thomas L. Watschke	Penn State University	USA
89-90	Bioassay Development to Measure Activity of Biostimulants Used on Turf	41	Dr. R. E. Schmidt	VPI and SU	USA
89-90	Polyacrylamides for Turf	55	Dr. Thomas L. Watschke	Penn State University	USA
89-90	Influence of a Soil-incorporated Water Absorbent Gel on Irrigation Requirements of Transplanted Sod	59	Tony J. Koski	Colorado State University	USA
89-90	The Influence of Fall Fertilization on Physiology, Turf Quality and Winter Hardiness of Bermudagrass	111	Dr. James Michael Goatley, Jr.	Mississippi State University	USA
89-90	Fate & Vertical Mobility of Insecticides and Herbicides Applied to Turfgrass	9	Dr. Harry Niemczyk	Ohio Ag. and Research Center	USA
89-90	An Integrated Biological Control Program to Reduce Fungicides Used for the Control of Lawn Diseases	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
90-91	An Integrated Biological Control Program to Reduce Fungicides Used for the Control of Lawn Diseases	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
90-91	Water Use of Turfgrasses and Ground Covers in Conventional and Xeriscape Conditions	86	Dr. Garald L. Horst	Nebraska, University of	USA
90-91	High Impact Turf: Design Specifications For Natural Sodded Parking Areas	84	Dr. Philip Busey	Florida, University of- Ft. Lauderdale	USA
90-91	Sediment Capture by Materials Used to Line Construction Site Waterways	82	Dr. Mark Carroll	Maryland, University of	USA
91-92	Alternate Sod Production - Groundcovers	138	Dan Strombom	Rutgers Cooperative Extension	USA
91-92	Water Use of Turfgrasses and Ground Covers in Conventional and Xeriscape Conditions	86	Dr. Garald L. Horst	Nebraska, University of	USA
91-92	Evaluation of Materials Used to Control Erosion and Capture Sediment on Construction Sites	82	Dr. Mark Carroll	Maryland, University of	USA
91-92	Reducing Soil Erosion and Nitrate Losses with Turfgrass Sod	17	Dr. Billy W. Hipp	Texas A and M University	USA
92-93	Water Use of Turfgrasses and Ground Covers in Conventional and Xeriscape Conditions	86	Dr. Garald L. Horst	Nebraska, University of	USA
92-93	Evaluation of Genetically Changed Bluegrass for Resistance to Summer Patch Caused by Magnaporthe Poae	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
92-93	Short- or Long-term Irrigation Needs of Turf Establishment by Sodding, Seeding and Hydroseeding	263	Dr. Richard White	Texas A and M University	USA
93-94	Use and Cost Analysis re: Sodding, Seeding and Hydroseeding	121	Dr. Alan Stevens	Kansas State University	USA
93-94	Evaluation of Genetically Changed Bluegrass for Resistance to Summer Patch Caused by Magnaporthe Poae	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
93-94	Development of a Technique to Determine Gray Leaf Spot Resistance in St. Augustine Selections	27	Gordon E. Holcomb	Louisiana State University	USA
93-94	Short and Long-Term Irrigation Water Needs of Turf Established by Sodding, Seeding and Hydroseeding	30	Charles H. Peacock	North Carolina State University	USA
94-95	Limiting Chemical Input in Turf Production Through Treatment Thresholds for White Grubs	46	Dr. Robert L. Crocker	Texas A and M University	USA
94-95	Biological Control of Annual Bluegrass	216	Dr. Paul H. Goodwin	Guelph, University of	Canada
94-95	Use and Cost Analysis re: Sodding, Seeding and Hydroseeding	121	Dr. Alan Stevens	Kansas State University	USA
94-95	Resistance of Kentucky Bluegrass Cultivars to Necrotic Ring Spot	267	Dr. Tom Hsiang	Guelph, University of	Canada
94-95	Advancement of Genetic Resistance in Bluegrass and Creeping Bentgrass to Patch Diseases	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
95-96	Limiting Chemical Input in Turf Production Through Treatment Thresholds for White Grubs	46	Dr. Robert L. Crocker	Texas A and M University	USA

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95-96	NTEP Sod Strength Test	275	Dr. Robert Shearman	Nebraska, University of	USA
95-96	Enhancement of Post-Harvest Shelf-Life of Turfgrass Sod	41	Dr. R. E. Schmidt	VPI and SU	USA
95-96	Biological Control of Annual Bluegrass	216	Dr. Paul H. Goodwin	Guelph, University of	Canada
96-97	Enhancement of Post-Harvest Shelf-Life of Turfgrass Sod	41	Dr. R. E. Schmidt	VPI and SU	USA
96-97	Best Management Strategies for Paspalum Sod/Stolen Production and Management	222	Dr. Ronny Duncan	Georgia, University of	USA
96-97	Designing and Testing Sod Blends of Bluegrass for Better Resistance to Summer Patch	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
97-98	Enhancement of Post-Harvest Shelf-Life of Turfgrass Sod	41	Dr. R. E. Schmidt	VPI and SU	USA
97-98	Market Expansion Strategies for Turfgrass Producers in the United States	285	Dr. John Haydu	University of Florida	USA
97-98	Improvement of Turfgrasses Through the Genetic Modification of Endophytic Fungi	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
97-98	Best Management Strategies for Paspalum Sod/Stolen Production and Establishment	222	Dr. Ronny Duncan	Georgia, University of	USA
98-99	Enhancement of Post-Harvest Shelf-Life of Turfgrass Sod	41	Dr. R. E. Schmidt	VPI and SU	USA
98-99	Water Uses of Kentucky Bluegrass and Tall Fescue: Comparison of Two Irrigation Water Sources	375	Dr. Yaling Qian	Colorado State University	USA
98-99	Nitrogen Rate and Timing for Zoysiagrass Production	269	Dr. Elizabeth Guertal	Auburn University	USA
98-99	Development of Turf Production and Management Systems for Reduced-Light Conditions	64	Dr. Frank S. Rossi	Cornell University	USA
98-99	Mowing for Maximum Root Growth of Turfgrass Sod	277	Dr. W. Michael Sullivan	Rhode Island, University of	USA
98-99	Effects of Trinexapac-ethyl and Soil Surfactant on Establishment Rate of Poa Pratensis	660	Jason Henderson	Michigan State University	USA
98-99	Market Expansion Strategies for Turfgrass Producers in the United States	285	Dr. John Haydu	University of Florida	USA
98-99	Best Management Strategies for Paspalum Sod/Stolen Production and Establishment	222	Dr. Ronny Duncan	Georgia, University of	USA
99-00	Mowing for Maximum Root Growth of Turfgrass Sod	277	Dr. W. Michael Sullivan	Rhode Island, University of	USA
99-00	Water Use, Rooting Characteristics and Drought Resistance of Hybrid Bluegrass	671	Mary Suplick	Colorado State University	USA
99-00	Minimum Irrigation Requirements for Sod Production in Transition Zone	354	Bingru Huang	Kansas State University	USA
99-00	Comparative Drought Resistance of Low and High Water Use Kentucky Bluegrass Cultivars	668	J. Scott Ebdon	Massachusetts, University of	USA
99-00	Water Uses of Kentucky Bluegrass and Tall Fescue: Comparison of Two Irrigation Water Sources	375	Dr. Yaling Qian	Colorado State University	USA
99-00	Extension of Post-Harvest Shelf Life with LPE	246	John Stier	Wisconsin, University of	USA
99-00	Development of Pest-Resistant Turfgrass Cultivars	220	Kristine Braman	Georgia, University of	USA
99-00	The Effects of Pre- and Post-Lifting Maintenance on Disease Development in Fine Turf	669	Dr. Kate Entwistle	Sports Turf Research Institute	Kingdom
99-00	Augustinegrass and Increasing Post Harvest Sod Viability with Silicon and Cytokinins	667	Dr. Lawrence E. Datnoff	Florida, University of	USA
00-01	H. Wilkinson)	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
00-01	Water Use, Rooting Characteristics, and Drought Resistance of Hybrid Bluegrass (M. Suplick and Dr. Y. Qian)	375	Dr. Yaling Qian	Colorado State University	USA
00-01	Market Expansion Strategies for Turfgrass Producers in the United States Phase III (3rd yr)	285	Dr. John Haydu	University of Florida	USA
00-01	Minimizing Water Requirements for Kentucky Bluegrass Sod Establishment	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
00-01	Landscape	12	John L. Cisar	Florida, University of - Ft. Lauderdale	USA
00-01	Development of Pest-Resistant Turfgrass Cultivars (2nd yr)	220	Kristine Braman	Georgia, University of	USA
00-01	Augustinegrass. (2nd yr) (Drs. L. Datnoff, R. Nagata and G. Snyder)	667	Dr. Lawrence E. Datnoff	Florida, University of	USA
00-01	and H. Wilkinson)	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
00-01	Augustine, Zoysia japonica and Zoysia matrella grasses. (Dr. G.R. Taylor and R. H. White)	263	Dr. Richard White	Texas A and M University	USA
00-01	and A. Hodges)	285	Dr. John Haydu	University of Florida	USA
00-01	Extension of Post-Harvest Shelf Life with LPE (2nd yr)	246	John Stier	Wisconsin, University of	USA
01-02	Minimizing Water Requirements for Kentucky Bluegrass Sod Establishment (2nd yr)	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
01-02	Huang research)	231	Dr. Jack D. Fry	Kansas State University	USA
02-03	Development of Pest-resistant Turfgrasses	220	Kristine Braman	Georgia, University of	USA
02-03	Establishing sod with seeded Bermudagrass	653	Dr. Mike Richardson	Arkansas, University of	USA
02-03	Potential of ethylene inhibitors to prolong sod shelf life	659	Dr. Erik H. Ervin	Virginia Tech	USA
02-03	Estimating Soil Carbon Sequestration in Turfgrass Systems From Natural Carbon Isotopic Signatures	375	Dr. Yaling Qian	Colorado State University	USA
02-03	Maximum length of summer dormancy in Kentucky Bluegrass without or with minimal irrigation	915	Paul G. Johnson	Utah State University	USA
02-03	Resistant Turfgrasses for Improved Chinch Bug Management	914	Tiffany Heng-Moss	Nebraska, University of - Lincoln	USA
03-04	Resistant Turfgrasses for Improved Chinch Bug Management (2nd yr)	914	Tiffany Heng-Moss	Nebraska, University of - Lincoln	USA
03-04	Documenting Water Use from Contrasting Urban Landscapes (Turf vs. Ornamentals)	12	John L. Cisar	Florida, University of - Ft. Lauderdale	USA
03-04	The effects of sod on soil erosion control from urban lawns: a Review	383	Parwinder Grewal, Ph.D.	Ohio State University	USA
03-04	Sod Industry	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sci	USA
03-04	Potential of ethylene inhibitors to prolong sod shelf life (2nd yr)	659	Dr. Erik H. Ervin	Virginia Tech	USA
03-04	Estimating Soil Carbon Sequestration in Turfgrass Systems From Natural Carbon Isotopic Signatures (2nd yr)	375	Dr. Yaling Qian	Colorado State University	USA

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03-04	Establishing sod with seeded Bermudagrass (2nd yr)	653	Dr. Mike Richardson	Arkansas, University of	USA
03-04	Economic Contribution of the Sod Production Industry to the U.S. Economy	285	Dr. John Haydu	University of Florida	USA
03-04	Development of Pest-resistant Turfgrasses (2nd yr)	220	Kristine Braman	Georgia, University of	USA
04-05	Resistant Turfgrasses for Improved Chinch Bug Management (3rd yr)	914	Tiffany Heng-Moss	Nebraska, University of - Lincoln	USA
05-06	Estimating Soil Carbon Sequestration in Turfgrass Systems From Natural Carbon Isotopic Signatures (3rd yr)	375	Dr. Yaling Qian	Colorado State University	USA
05-06	Composted Biosolids Add Value through Water and Nutrient Conservation and Carbon Sequestration		D.M Vietor et.al.	Texas A and M University	USA
05-06	Comparison of Thermal Properties, Water Use, and Environmental Impact of Natural and Artificial Athletic Field Turf		Deying Li	North Dakota State University	USA
05-06	Development of Insect Resistance in St. Augustinegrass and Other Turfgrasses Emphasis on Southern Chinch Bug		Dr. James Reinhart	Texas A and M University	USA
05-06	Modern Evaluation of Sod Rooting for Kentucky Bluegrass, Phase II: Moisture and Heat	28	Dr. Henry Wilkinson	IU-Department of Natural Resource and Env Sc	USA
05-06	Evaluation and Selection of Salt Tolerant Germplasm of Bluegrass and Creeping Bentgrass		Dr. Stacy Bonos	Rutgers University, Cook College	USA
05-06	Suitability of native salt land grasses grown under a variety of non-potable irrigation types for turf production		David Aldous	The University of Melbourne	Australia
05-06	Rootzone amendments to improve soil moisture relations under newly-laid sod		Donald S. Loch et.al.	Queensland Department of Primary Industries and Fisheries	Australia
05-06	Evaluation of hybrid bluegrass for sod production and culture in water limiting environments		Bingru Huang	Rutgers University	USA
05-06	Comparative Irrigation Requirements of 30 Cultivars of Kentucky Bluegrasses under a Large Rainout Facility in the Transition Zone		Dale Bremer	Kansas State University	USA
06-07	Suitability of Native Salt Land Grasses Grown Under a Variety of Non-Potable Irrigation Types for Turf Production		D.E. Aldous	The University of Melbourne	AUSTRALIA
06-07	Evaluation and Selection of Salt Tolerant Germplasm of Bluegrass and Creeping Bentgrass		Stacy Bonos	Rutgers University, Dept. of Plant Bio.	USA
06-07	Evaluation of Hybrid Bluegrass for Sod Production and Culture in Water Limiting Environment		Bingru Huang	Rutgers University	USA
06-07	Comparison of Thermal Properties, Water Use, and Environmental Impact of Natural and Artificial Athletic Field Turf		Deying Li	North Dakota University	USA
06-07	Development of Insect Resistance in St. Augustinegrass and Other Turfgrasses Emphasis on Southern Chinch Bug, Tropical Sod Webworm & Fall Armyworm		James A. Reinert	Texas A & M University	USA
06-07	Modern Evaluation of Sod Rooting for Kentucky Bluegrass		Henry Wilkinson	University of Illinois	USA
06-07	Comparative Irrigation Requirements of 30 Cultivars of Kentucky Bluegrasses Under a Large Rainout Facility in the Transition Zone		Dale Bremer	Kansas State University	USA
06-07	Facts about Artificial Turf and Natural Grass		Turfgrass Producers International		USA
07-08	Improved application strategies for optimum brown patch control of tall fescue sod		Brandon Horvath	Virginia Tech	USA
07-08	Comparing spring and summer establishment of bermudagrass sod under two irrigation systems using saline water		Bernd Leinauer	New Mexico State University	USA
07-08	Turfgrass reduces nutrient and pesticide loss to the environment		Justin Moss	Oklahoma State University	USA
07-08	Water used by Mixed and Single Species Urban Landscapes		Kurt Steinke	Texas AgriLife Research Center	USA
07-08	The impact of turf farming on carbon deposition in soils		Daniel Thorogood	Institute of Grasslands and Environmental Research	UK
07-08	Literature review of Nutrient leaching and runoff in turfgrass		Laurie Trenholm	University of Florida	USA
07-08	Managing to limit runoff and drainage losses of nutrients during cycling of composted biosolids through turfgrass sod.		D.M. Vietor	Texas AgriLife Research Center	USA
07-08	Extolling the contributions of turfgrass: Environmental and sociological benefits fostered by stewardship		Clint Waltz	The University of Georgia	USA
07-08	Evaluation of turfgrass species and varieties for drought tolerance in a renovated linear gradient irrigation system.		Ambika Chandra	Texas AgriLife Research Center	USA
07-08	Comparative Irrigation Requirements of 30 Cultivars of Kentucky Bluegrasses Under a Large Rainout Facility in the Transition Zone		Dale Bremer	Kansas State University	USA