

J. Scott Ebdon
Curriculum Vitae

Department of Plant and Soil Sciences
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Education: B. S. The University of Connecticut, 1978, cum laude.

M. S. The University of Rhode Island 1982.

Ph. D., 1995 Cornell University.

Positions: Associate Professor of Turfgrass Management, University of Massachusetts, Dept. of Plant and Soil Sciences (2003-present)

Assistant Professor of Turfgrass Management, University of Massachusetts, Dept. of Plant and Soil Sciences (1997-2003).

Turfgrass Scientist, O. M. Scott & Sons, Marysville, OH (1996-1997).

Turfgrass Extension Specialist (Acting), Cornell University (1995-1996).

Northeast District Technical Support Manager, TruGreen Corp., Warwick, RI (1988-1990).

Honors: Outstanding Teaching Assistant Award, 1995 Cornell University.

Outstanding Paper Award presented at the 36th annual meeting of the Northeastern Weed Science Society.

Societies: American Society of Agronomy, Crop Science Society of America, American Society of Horticultural Science.

Research: Cultivar adaptation and evaluation, drought and cold tolerance, genotype by environment interaction.

Nutrient interaction and stress resistance.

Research Grants

Awarded Grants (PI):

- 2005 Massachusetts Turf and Lawn Grass Association, "Effects of Nitrogen and Potassium on Wear Stress Mechanisms in Perennial Ryegrass", \$15, 000.
- 2005 New England Regional Turf Foundation, "Wear Stress Mechanisms in Cultivars of Creeping and Velvet Bentgrass", \$6,000.
- 2005 National Turfgrass Evaluation Program, "National Kentucky Bluegrass Variety Trial", \$15, 000.
- 2004 Massachusetts Turf and Lawn Grass Association, "Wear Stress Mechanisms in Cultivars of Creeping and Velvet Bentgrass", \$15, 000.
- 2004 National Turfgrass Evaluation Program, "National Perennial Ryegrass Variety Trial", \$12, 000.
- 2004 New England Regional Turf Foundation, "Wear Stress Mechanisms in Cultivars of Creeping and Velvet Bentgrass", \$9,000.
- 2003 National Turfgrass Evaluation Program, "Field Validation of AMMI Versus NTEP Models", \$16 000.
- 2003 Massachusetts Turf and Lawn Grass Association, "Effects of N and K on Freezing Tolerance of Perennial Ryegrass", \$15, 000.
- 2003 National Turfgrass Evaluation Program, "National Bentgrass (Green) Variety Trial", \$15, 000.
- 2003 National Turfgrass Evaluation Program, "National Bentgrass (Fairway) Variety Trial", \$12, 000.
- 2003 National Turfgrass Evaluation Program, "National Fine Fescue Variety Trial", \$12, 000.
- 2002 New England Regional Turf Foundation, "Characteristics in diverse wear tolerant genotypes of Kentucky bluegrass", \$6,000.
- 2002 National Turfgrass Evaluation Program, "National Tall fescue Variety Trial", \$12, 000.

- 2001 National Turfgrass Evaluation Program, "National Kentucky Bluegrass Variety Trial", \$12, 000.
- 2001 National Turfgrass Evaluation Program, "Predicting Future Turfgrass Performance", \$15, 000.
- 2001 Massachusetts Turf and Lawn Grass Association, "Drought avoidance of diverse water use Kentucky bluegrass cultivars", \$23, 760.
- 2001 New England Sod Growers, "Drought resistance of diverse water use Kentucky bluegrass cultivars", \$1,000.
- 2001 New England Regional Turf Foundation, "Interaction of nitrogen and potassium on drought avoidance of perennial ryegrass", \$5,000.
- 2001 Massachusetts Turf and Lawn Grass Association, "Interaction of nitrogen and potassium on drought avoidance of perennial ryegrass", \$5,000.
- 2000 Faculty Research Grant, "Drought resistance of diverse water use Kentucky bluegrass cultivars", \$10,858.
- 2000 Massachusetts Turf and Lawn Grass Association, "Drought avoidance of diverse water use Kentucky bluegrass cultivars", \$15, 000.
- 2000 International Turf Producers, "Drought Resistance of Diverse Water Use Kentucky Bluegrass Cultivars", \$3,000.
- 1999 Massachusetts Turf and Lawn Grass Association, "Drought avoidance of diverse water use Kentucky bluegrass cultivars", \$15, 000.
- 1999 Massachusetts Turf and Lawn Grass Association, "Relationship between turfgrass performance and low temperature tolerance in perennial ryegrass", \$7, 500.
- 1999 National Turfgrass Evaluation Program, "Interpretation of genotype by environment interaction", \$3,500.
- 1999 New England Region Turfgrass Foundation, "Interaction of nitrogen and potassium on drought avoidance of perennial ryegrass", \$5,000.

- 1999 Golf Course Superintendents Association of Cape Cod, "Interaction of nitrogen and potassium on drought avoidance of perennial ryegrass", \$1,000.
- 1998 Massachusetts Turf and Lawn Grass Association, "Relationship between turfgrass performance and low temperature tolerance in perennial ryegrass", \$15,000.
- 1998 Faculty Research Grant, "Relationship between turfgrass performance and low temperature tolerance in perennial ryegrass", \$5,000.

Awarded Grants (Co-PI):

- 2005 Center for Agriculture, College of Natural Resources and the Environment, University of Massachusetts , "Impact of Dissolved Organic Matter from Organic Amendments on Pesticide Leaching on Turf", \$143,847.
- 2000 Massachusetts Highway Department, "Salt tolerant vegetation for road side use", \$40,000.
- 2000 Massachusetts Department of Food and Agriculture, "Turf IPM protocols for golf courses", \$25,857.
- 1999 Massachusetts Department of Food and Agriculture, "Turf IPM protocols for golf courses", \$39,343.
- 1998 Massachusetts Department of Food and Agriculture, "Turf IPM protocols for golf courses", \$39,784.

Research Publications:

- Ebdon, J. S. 2005. Effects of nitrogen and potassium fertilization on brown patch and Typhula blight (gray snow mold), 2002-2003. Biological and Cultural Control Tests. 20: T001.
- Brosnan, J. T., J. S. Ebdon, and W. M. Dest. 2005. Characteristics in diverse wear tolerant genotypes of Kentucky bluegrass. Crop Sci. 45:1917-1926.
- Webster, D. E., and J. S. Ebdon. 2005. Effects of nitrogen and potassium fertilization on perennial ryegrass cold tolerance during deacclimation in late winter and early spring. HortScience. 40:842-849.

- Dest, W. M., K. Guillard, and J. S. Ebdon. 2005. The effects of reinforcement inclusions on wear tolerance, playing quality and physical properties in a silt loam and sand rootzone matrix. Proceedings of the International Turfgrass Research Conference. 10:1049-1059.
- Ebdon, J. S., and K. L. Kopp. 2004. Relationship between WUE, 13C discrimination, and turf performance in genotypes of Kentucky bluegrass during drought. *Crop Sci.* 44:1754-1762.
- Ebdon, J. S. 2004. Resistance of tall fescue cultivars to brown patch, 2002-2003. *Biological and Cultural Control Tests.* 19: T007.
- Ebdon, J. S. 2004. Resistance of Kentucky bluegrass cultivars to necrotic ring spot and *Typhula* blight (gray snow mold), 2002-2003. *Biological and Cultural Control Tests.* 19: T006
- Schumann, G. L., and J. S. Ebdon. 2004. Evaluation of fungicides for preventative control of snow mold on creeping bentgrass, 2002-2003. *Fungicide and Nematicide Tests.* 59: T001.
- Schumann, G. L., R. Anair, Jr., and J. S. Ebdon. 2003. Evaluation of fungicides and application timing for preventative control of snow mold on creeping bentgrass, 2001-2002. *Fungicide and Nematicide Tests.* 58:T003.
- Ebdon, J. S., and H. G. Gauch, Jr. 2002. Additive main effect and multiplicative interaction analysis of national turfgrass performance trials: I. Interpretation of genotype X environment interactions. *Crop Sci.* 42:489-496.
- Ebdon, J. S., and H. G. Gauch, Jr. 2002. Additive main effect and multiplicative interaction analysis of national turfgrass performance trials: II. Cultivar Recommendations. *Crop Sci.* 42: 497-506.
- Ebdon, J. S., R. A. Gagne, and R. C. Manley. 2002. Comparative cold tolerance in diverse turf quality genotypes of perennial ryegrass. *HortScience.* 37:826-830.
- Schumann, G. L., R. Anair, Jr., and J. S. Ebdon. 2002. Evaluation of fungicides and application timing for preventative control of snow mold on creeping bentgrass, 2000-2001. *Fungicide and Nematicide Tests.* 57:T19.
- Schumann, G. L., and J. S. Ebdon. 2001. Evaluation of fungicides for control of dollar spot, 2000. *Fungicide and Nematicide Tests.* 56:T13.
- Schumann, G. L., and J. S. Ebdon. 2001. Evaluation of fungicides for control of brown patch, 2000. *Fungicide and Nematicide Tests.* 56:T14.

- Schumann, G. L., and J. S. Ebdon. 2001. Evaluation of fungicides and application timing for preventative control of snow mold on creeping bentgrass, 1999-2000. *Fungicide and Nematicide Tests*. 56:T15.
- Ebdon, J. S., A. M. Petrovic, and R. W. White. 1999. Interaction of nitrogen, phosphorus, and potassium on evapotranspiration rate and growth of Kentucky bluegrass. *Crop Sci.* 39:209-218.
- Ebdon, J. S., and A. M. Petrovic. 1998. Morphological and growth characteristics of low- and high-water use Kentucky bluegrass cultivars. *Crop Sci.* 38:143-152.
- Ebdon, J. S., A. M. Petrovic, and T. E. Dawson. 1998. Relationship between carbon isotope discrimination, water use efficiency, and evapotranspiration rate in Kentucky bluegrass. *Crop Sci.* 38:157-162.
- Ebdon, J. S., A. M. Petrovic, and S. J. Schwager. 1998. Evaluation of discriminant analysis in identification of low- and high-water use Kentucky bluegrass cultivars using morphological attributes. *Crop Sci.* 38:152-157.
- Ebdon, J. S., A. M. Petrovic, and R. W. Zobel. 1998. Stability of evapotranspiration rate in cultivars of Kentucky bluegrass across low- and high-evaporative environments. *Crop Sci.* 38:135-142.
- Ebdon, J. S., and A. M. Petrovic. 1997. Relationship between turfgrass quality performance and evapotranspiration rate in Kentucky bluegrass. *J. Turfgrass Management*. Vol. 2 (2): 1-12.
- Ebdon, J. S., and C. R. Skogley. 1985. Performance of cool season turfgrass in mixture under reduced maintenance. *Proc. of the Fifth International Turfgrass Research Conf.* p.275-283.
- Jagschitz, J. A., and J. S. Ebdon. 1985. Influence of mowing, fertilizer, and herbicide on crabgrass infestation in red fescue turf. *Proc. of the Fifth International Turfgrass Research Conf.* p.699-704.
- Jagschitz, J. A., J. S. Ebdon, T. Erlandsen and A. Bylterud. 1983. Broadleaf weed control trials in turf in U.S.A. and Norway. *Proc. of the Annual Meeting of the Northeastern Weed Science Society.* 37:65-70.
- Ebdon, J. S., and J. A. Jagschitz. 1982. Chemical control of spurge and other broadleaf weeds in turfgrass. *Proc. of the Annual Meeting of the Northeastern Weed Science Society.* 36:307-313.

Ebdon, J. S., and J. A. Jagschitz. 1981. Evaluation of herbicides for broadleaf weed control in lawn turf. Proc. of the Annual Meeting of the Northeastern Weed Science Society. 35:274-279.

Extension Publications:

Articles

Ebdon, J. S. and D. E. Webster. 2005. Effects of fall applied nitrogen and potassium on cold hardiness of perennial ryegrass. Turf Notes. UMass Extension Turf Program. 11(1): 1-8.

Ebdon, J. S. 2004. Tolerance of Kentucky bluegrass and tall fescue to low and high temperature disease. Turf Notes. UMass Extension Turf Program. 11(3): 2-4.

Ebdon, J. S. 2004. Kentucky bluegrasses for sports turf. Turf Notes. UMass Extension Turf Program. 11(3): 5-7.

Ebdon, J. S. 2002. Improving fertilizer response and turfgrass performance: Exploiting N-K interactions. Turf Notes. UMass Extension Turf Program. 10 (special issue):1-11.

Ebdon, J. S. 2001. Freeze stress resistance in perennial ryegrass and its relationship to turfgrass performance. Turf Notes. UMass Extension Turf Program. 10 (1): 1-7.

Schumann, G. L., and J. S. Ebdon. 2001. Stockbridge turf management program cooperative work training. Turf Notes. UMass Extension Turf Program. 9(4):7.

Schumann, G. L., and J. S. Ebdon. 2000. Stockbridge turf management program cooperative work training or how do I get a student. Turf Notes. UMass Extension Turf Program. 9(1):6.

Ebdon, J. S. 1999. Fall fertilization. Turf Notes. UMass Extension Turf Program. 8(5):1-7.

Schumann, G. L., and J. S. Ebdon. 1999. Changes in the Stockbridge turf management program cooperative training. Turf Notes. UMass Extension Turf Program. 8(4):7-8.

Schumann, G. L., and J. S. Ebdon. 1999. Changes planned for the Stockbridge turf program. GSCANE. June, p. 4.

Ebdon, J. S. 1999. Improving turfgrass survival during drought. Turf Notes. UMass Extension Turf Program. 8 (3):2-8.

Ebdon, J. S. 1998. Turfgrass survival during drought. Turf Notes. UMass Extension Turf Program. 7 (5):2-8.

Ebdon, J. S. 1995. Cornell turfgrass species and variety recommendations. Cornell Cooperative Extension Publication.

Ebdon, J. S., and A. M. Petrovic. 1995. Screening for low water use in Kentucky bluegrass. Cornell University Turfgrass Times. 6(2):8.

Ebdon, J. S., and C. R. Skogley. 1984. Comparison of synthetic slow-release nitrogen sources and rates when applied to lawn turf. U.R.I. Turfgrass Research Review. 16:2-5.

Skogley, C. R., and J. S. Ebdon. 1982. Performance of turfgrass varieties and mixtures under two cutting heights and three levels of fertility. U.R.I. Turfgrass Research Review. 14:1-7.

Fact Sheets

Ebdon, J. S. 2002. Compaction and cultivation. Turf IPM Fact Sheets. UMass Extension Turf Program (39-42).

Ebdon, J. S. 2002. Drop spreader calibration procedures. Turf IPM Fact Sheets. UMass Extension Turf Program (57-59).

Ebdon, J. S. 2002. Management of compaction: coring. Turf IPM Fact Sheets. UMass Extension Turf Program (35-37).

Ebdon, J. S. 2002. Rotary spreader calibration procedures. Turf IPM Fact Sheets. UMass Extension Turf Program (53-56).

Ebdon, J. S. 2002. Seeding rate considerations. Turf IPM Fact Sheets. UMass Extension Turf Program (75-77).

Ebdon, J. S. 2002. Strategies for maximizing irrigation efficiency and water conservation. Turf IPM Fact Sheets. UMass Extension Turf Program (23-25).

Ebdon, J. S. 2002. Turfgrass irrigation and water conservation. Turf IPM Fact Sheets. UMass Extension Turf Program (19-21).

Ebdon, J. S. 2002. Turfgrass response to water deficits. Turf IPM Fact Sheets. UMass Extension Turf Program (27-28).

Ebdon, J. S. 2002. Understanding turfgrass seed labels. Turf IPM Fact Sheets. UMass Extension Turf Program (71-74).

Bulletins

- Barker, A. V., D. A. Cox, J. S. Ebdon, G. M. Bryson, and R. L. Hamlin. 2003. De-icing salts, salt-tolerant vegetation, and calcium sulfate. University of Massachusetts Transportation Center. 130 pp.
- Bhowmik, P., S. Ebdon, M. Owen, G. Schumann, P. Vittum, and R. Wick. 2003. Professional guide for IPM in turf. UMass Extension Turf Program. 51 pp.
- Bhowmik, P., S. Ebdon, L. Lanier, M. Owen, G. Schumann, and P. Vittum. 2002. Turf IPM facts. UMass Extension Turf Program. 202 pp.
- Bhowmik, P., S. Ebdon, M. Owen, R. Probst, G. Schumann, P. Vittum, and R. Wick. 2000. Protocols for an IPM system for golf courses. UMass Extension Turf Program. 72 pp.
- Bhowmik, P., S. Ebdon, M. Owen, G. Schumann, W. Torello, P. Vittum, and R. Wick. 1999. Professional guide for IPM in turf. UMass Extension Turf Program. 52 pp.

Invited Articles:

- Ebdon, J. S. 2003. What are the differences in water use among Kentucky bluegrasses. *Turf News*. XX., p. XX-XX.
- Ebdon, J. S. 2002. Improving accuracy of NTEP data for predicting future turfgrass performance. *TurfGrass Trends*. 11(8):1-5.
- Ebdon, J. S. 2002. Improving accuracy of NTEP data for predicting future turfgrass performance. *GolfDom*. 11(8):1-5.
- Ebdon, J. S. 2000. Freeze stress resistance. *TurfGrass Trends*. 8(8):1-8.
- Ebdon, J. S., and A. M. Petrovic. 2000. Fertilizing for water conservation. *Golf Course Management*. Dec., p. 61-65.
- Ebdon, J. S. 2000. Why some grasses are more efficient at water usage. *Turf News*. Nov./Dec., p. 36-41.

Published Abstracts:

- Ebdon, J. S., and H. G. Gauch, Jr. 2005. Field validation of AMMI and NTEP predictive models. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.

- K. L. Kopp, and J. S. Ebdon. 2005. Carbon isotope discrimination, water use efficiency, and evapotranspiration in tall fescue. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- K. Heyman, J. S. Ebdon, D. Reckow, and B. Xing. 2005. Characterization of dissolved organic matter and its effects on sorption of organic chemicals. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- W. M. Dest, K. Guillard, and J. S. Ebdon. 2005. Differentiating between the influence of wear and soil compaction and their interaction on turfgrass stress. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Ebdon, J. S. 2004. Drought resistance in diverse water use genotypes of Kentucky bluegrass. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- D. E. Webster, and J. S. Ebdon. 2004. Effects of nitrogen and potassium on low temperature tolerance in perennial ryegrass during deacclimation. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Guillard, K., W. M. Dest, and J. S. Ebdon. 2003. Methods for Assessing Performance of Natural Sports Surfaces to Playing Characteristics, the Need for Standards. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Dest, W. M., J. S. Ebdon, and K. Guillard. 2003. Cool-season grass species response to actual wear. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Brosnan, J. T., J. S. Ebdon, and W. M. Dest. 2003. Characteristics of diverse wear tolerant genotypes of Kentucky bluegrass. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Webster, D. E., and J. S. Ebdon. 2003. Effects of nitrogen and potassium low temperature survival of perennial ryegrass. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Ebdon, J. S. 2002. Effects of nitrogen and potassium on turf performance: exploiting N X K interactions. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.
- Ebdon, J. S., and K. L. Kopp. 2002. Relationship between WUE, ¹³C discrimination, and turf performance in genotypes of Kentucky bluegrass during drought. *In Agronomy Abstracts [CD-ROM]*. ASA, CSSA, and SSSA, Madison, WI.

Ebdon, J. S., and H. G. Gauch, Jr. 2001. Analysis of GE Interactions Using AMMI: Improving Turfgrass Selections and Recommendations. *In* Agronomy Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, WI.

Ebdon, J. S., and H. G. Gauch, Jr. 2000. AMMI analysis of national turfgrass performance trials: Interpretation of genotype by environment interactions. *Agronomy Abstract*, p. 151.

Gagne, R. A., J. S. Ebdon, and R. C. Manley. 1999. Relationship between turfgrass performance and low temperature tolerance in perennial ryegrass. *Agronomy Abstract*, p. 122.

Ebdon, J. S., A. M. Petrovic, and R. W. White. 1999. Interaction of nitrogen, phosphorus, and potassium on evapotranspiration rate and growth of Kentucky bluegrass. *Agronomy Abstract*, p. 123.

Ebdon, J. S., and A. M. Petrovic. 1996. Relationship between carbon isotope discrimination and water use efficiency. *Agronomy Abstract*, p. 141.

Ebdon, J. S., and A. M. Petrovic. 1994. Identification of low and high wateruse Kentucky bluegrass cultivars by discriminant function analysis. *Agronomy Abstract*, p. 181.

Final Reports to Granting Agencies:

NTEP/USDA

Ebdon, J. S., and H. G. Gauch, Jr. Statistical analysis of national turfgrass performance trials: I. Interpretation of genotype by environment interactions in Kentucky bluegrass.

Ebdon, J. S., and H. G. Gauch, Jr. Statistical analysis of national turfgrass performance trials: II. Interpretation of genotype by environment interactions in perennial ryegrass.

Service to the Profession:

Crop Science Society of America, C-5 Symposium Committee member (2002-03, 2003-04), Symposium Chair (2004-05).

NE-169 and NE-187 Northeast Regional Turf HATCH Project, Team Leader and voting member, (1998-99, 1999-2000, 2000-01, 2001-02, 2002-03, 2003-04, 2004-05).

ASA, 1998, 2003, 2004 National Meeting, C-5 Division Judge for Student Presentation Competition.

Manuscript/Extension/Book Publication Review:

- 2002 "Integrated Weed Management in Turf", R. Chandran. *In Handbook of Sustainable Weed Management*, Howarth Press.
- 2002 Crop Science, 2 paper.
- 2001 "Best Golf Course Management Practices", L. B. McCarty, 1st edition, Prentice Hall.
- 2000 "Turfgrass Management", A. J. Turgeon, 6th edition, Prentice Hall.
- 2000 Crop Science, 2 paper.
- 1999 "Picture Clues to Turfgrass Problems", Cornell University Cooperative Extension.
- 1999 "Professional Turf Management Guide for Massachusetts", UMass Turf Extension.
- 1999 "Lawncare Guide for Homeowners", UMass Turf Extension.
- 1998 Journal of Turfgrass Management, 2 papers.

Invited Talks:

Extension

- 2005 "Research Update", Vermont Golf Course Superintendents Association. Ludlow, VT, August 16th, attendance 29.
- 2005 "Scouting for pests and problems of woody ornamentals and turf in the landscape", Westfield, MA, June 9th, attendance 29.
- 2005 "Scouting for pests and problems of woody ornamentals and turf in the landscape", Barnstable, MA, June 2nd, attendance 32.
- 2005 "Spring fertilization with emphasis on Integrated Pest Management", Marlborough, MA, March 2nd, attendance 25.
- 2005 "Spring fertilization with emphasis on Integrated Pest Management", Springfield, MA, March 1st, attendance 25.
- 2005 "Diagnosing Turfgrass Problems: Identification and Remedies", Lesco Seminar series, Tauton MA, Feb. 16, Attendance 350.

- 2005 "Diagnosing Turfgrass Problems: Identification and Remedies", Lesco Seminar series, Woburn MA, Feb. 15, Attendance 350.
- 2004 "Diagnosing Turfgrass Problems: Identification and Remedies", Vermont Greenscape Association Annual Conference and Show, West Lebanon NH, Nov. 30, Attendance 250.
- 2004 "Water Conservation and Irrigation Applied to Turfgrass", NOFA Summer Conference. Mount Holyoke College, Amherst, MA, August 15th, attendance 15.
- 2004 "Strategies for managing wear and green speed", Golf Course Superintendents Association of New England March Meeting. Framingham Country Club, Framingham, MA, March 24th, attendance 60.
- 2004 "Spring fertilization with emphasis on Integrated Pest Management", Woburn, MA, March 9th, attendance 25.
- 2004 "Selecting wear tolerant varieties of Kentucky bluegrass", New England Regional Turfgrass Conference, Providence RI, March 3rd, attendance 175.
- 2004 "Strategies for managing wear and green speed", Northeast Golf Course Superintendents Association Winter Meeting. Normanside Country Club, Albany, NY, January 21st, attendance 60.
- 2003 "Proper species selection and other management strategies for minimizing nitrogen and pesticide use", Vermont Turfgrass Conference and Show, West Lebanon, NH, December 2nd, attendance 185.
- 2003 "Effects of N and K on fairway turf performance", New England Regional Turfgrass Conference, Providence RI, March 19th, attendance 75.
- 2003 "Can we reduce nitrogen inputs and maintain quality lawns", New England Regional Turfgrass Conference, Providence RI, March 20th, attendance 75.
- 2003 "Managing water resource: determining water needs", Associated Landscape Contractors of Massachusetts Winter Meeting, Wayland, MA, March 18th, attendance 150.
- 2003 "Turfgrass nutrition: developing an effective fertilization program", Ecological Landscape Association Winter Conference, Boxborough, MA, Feb. 28th, attendance 75.

- 2002 "Turfgrass Irrigation and Water Conservation", Ecological Landscape Association, Round Table, March 13th, 2002, attendance 40.
- 2002 "Successful Turfgrass Selection, NOFA/MASS Winter Conference and Annual Meeting, Barre, MA, Jan., 26th, attendance 40.
- 2001 "Interactive Effects of Nitrogen and Potassium on Turfgrass Performance", Vermont Greenscape Association Annual Turfgrass Conference and Show, West Labanon, NH, Nov. 27th, attendance 75.
- 2001 "Post Construction Maintenance and Management Programs for Sports Field Turf", Seminar Series on Writing and Developing Specifications for Construction of Sports Fields, Springfield, MA, March 6th, attendance 15.
- 2001 "Post Construction Maintenance and Management Programs for Sports Field Turf", Seminar Series on Writing and Developing Specifications for Construction of Sports Fields, Cromwell, CT, February 27th, attendance 15.
- 2001 "Golf Course Fertilization Programs: Nitrogen and Potassium Interactions", Lesco Seminar Series, Worcester, MA, February 26th, attendance 55.
- 2001 "Post Construction Maintenance and Management Programs for Sports Field Turf", Seminar Series on Writing and Developing Specifications for Construction of Sports Fields, Marlborough, MA, February 15th, attendance 15.
- 2001 "Post Construction Maintenance and Management Programs for Sports Field Turf", Seminar Series on Writing and Developing Specifications for Construction of Sports Fields, Brockton, MA, February 13th, attendance 15.
- 2001 "Turfgrass Water Use", Advance Seminar Series, Cornell Univ., Ithaca, NY, January 17th, attendance 15.
- 2000 "Moisture Stress", New York State Turf and Grounds Exposition, Syracuse, NY, November 14th, attendance 75.
- 2000 "Turfgrass, Water and Selecting Grasses", New York State Turf and Grounds Exposition, Syracuse, NY, November 15th, attendance 75.

- 2000 "Turf pest management using less input", 11th Annual Turf Pest Management Seminar, Lewiston ME, February 14th, attendance 50.
- 2000 "Improving turfgrass survival during drought", CT Groundskeepers Show and Conference, Hartford CT, February 10th, attendance 200.
- 2000 "Diagnosing turfgrass problems", Maine Landscape and Nursery Association Annual Trade Show, Augusta ME, January 18th, attendance 35.
- 1999 "Turfgrass environmental research in New England", Maine Turfgrass Conference, Rockport ME, January 19th, attendance 150.
- 1999 "Keys to successful turfgrass selection", Northeast Regional Turf and Grounds Conference, Albany NY, January 7th, attendance 35.
- 1999 "Turfgrass water conservation and irrigation", Golf Course Superintendents Association of New England Seminar Series, Hickory Ridge Golf Course, South Amherst MA, March 16th, attendance 35.
- 1998 "Turfgrass environmental research for 1998 and beyond", Vermont Golf Course Superintendents Association-Summer Meeting, June 9th, attendance 35.
- 1998 "Organics and other fertilizers: piecing the puzzle together", New England Regional Turfgrass Conference, Providence RI, March 7th, attendance 75.
- 1998 "Diagnosing turfgrass problems and implementing solutions", MALCP Lawn Care Seminar Series, Marlborough MA, February 5th, attendance 95.

Symposiums

- 2003 K. Guillard, W. M. Dest, and J. S. Ebdon. 2003. Methods for Assessing Performance of Natural Sports Surfaces to Playing Characteristics, the Need for Standards. American Society of Agronomy Annual Meetings. Denver, CO, November 2-6.
- 2001 Ebdon, J. S., and H. G. Gauch, Jr. Analysis of GE Interactions Using AMMI: Improving Turfgrass Selections and Recommendations. American Society of Agronomy Annual Meetings. Charlotte, NC, October 21-25.

Workshops/Training Sessions:

- 2005 UMass Winter School for Turf Managers, Amherst MA, taught sixteen 2-hour sessions on turf calculations and advance topics in turf management, attendance 50.
- 2004 UMass Winter School for Turf Managers, Amherst MA, taught sixteen 2-hour sessions on turf calculations and advance topics in turf management, attendance 60.
- 2003 UMass Winter School for Turf Managers, Amherst MA, taught eleven 2-hour sessions on turf calculations, attendance 60.
- 2002 UMass Winter School for Turf Managers, Amherst MA, taught seven 2-hour sessions on turf calculations, attendance 60.
- 2001 UMass Winter School for Turf Managers, Amherst MA, taught seven 2-hour sessions on turf calculations, attendance 60.
- 2000 Turfgrass nutrition and fertility, Marlborough MA, November 2nd, attendance 75.
- 2000 Turfgrass establishment procedures, Marlborough MA, October 26th, attendance 75.
- 2000 UMass Winter School for Turf Managers, Amherst MA, taught seven 2-hour sessions on turf calculations, attendance 60.
- 1999 UMass Winter School for Turf Managers, Amherst MA, taught six 2-hour sessions on turf calculations, attendance 60.
- 1998 UMass Winter School for Turf Managers, Amherst MA, taught five 2-hour sessions on turf calculations, attendance 60.
- 1998 Turfgrass characteristics and adaptations, Marlborough MA, January 8th, attendance 75.
- 1998 Turfgrass nutrition and fertilizers, Marlborough MA, January 12th, attendance 75.
- 1998 Managing nutrition for heavily used turf, Amherst MA, December 8th, attendance 100.

Teaching (courses taught with enrollments):

FALL 1997

PLSOIL 230 Introductory Turfgrass Management (77 students, 3 cr.).

PLSOIL 231 Introductory Turfgrass Management (39 students, 2 cr.).

FALL 1998

PLSOIL 230 Introductory Turfgrass Management (104 students, 3 cr.).

PLSOIL 231 Introductory Turfgrass Management (28 students, 2 cr.).

SPRING 1999

PLSOIL 290E Mathematics of Turfgrass Maintenance (16 students, 2 cr.).

PLSOIL 340 Advance Turfgrass Management (44 students, 3 cr.)

FALL 1999

PLSOIL 230 Introductory Turfgrass Management (80 students, 3 cr.).

PLSOIL 231 Introductory Turfgrass Management (34 students, 2 cr.).

SPRING 2000

PLSOIL 290E Mathematics of Turfgrass Maintenance (31 students, 2 cr.).

PLSOIL 340 Advance Turfgrass Management (55 students, 3 cr.).

FALL 2000

PLSOIL 230 Introductory Turfgrass Management (102 students, 3 cr.).

SPRING 2001

PLSOIL 290E Mathematics of Turfgrass Maintenance (47 students, 2 cr.).

PLSOIL 340 Advance Turfgrass Management (55 students, 3 cr.).

FALL 2001

PLSOIL 230 Introductory Turfgrass Management (90 students, 3 cr.).

SPRING 2002

PLSOIL 290E Mathematics of Turfgrass Maintenance (47 students, 2 cr.).

FALL 2002

PLSOIL 230 Introductory Turfgrass Management (84 students, 3 cr.).

SPRING 2003

PLSOIL 240 Applied Computations in Turfgrass Management
(42 students, 2 cr.).

FALL 2003

PLSOIL 230 Introductory Turfgrass Management (110 students, 3 cr.).

SPRING 2004

PLSOIL 240 Applied Computations in Turfgrass Management
(70 students, 2 cr.).

PLSOIL 340 Advance Turfgrass Management (35 students, 3 cr.).

PLSOIL 275 Turfgrass Physiology and Ecology (35 students, 3 cr.)

FALL 2004

PLSOIL 230 Introductory Turfgrass Management (85 students, 3 cr.).

STOCKSCH 186 Turfgrass Internship (35 Students, 3 cr.)

SPRING 2005

PLSOIL 240 Applied Computations in Turfgrass Management
(56 students, 2 cr.).

PLSOIL 340 Advance Turfgrass Management (35 students, 3 cr.).