

Introduction

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The following research report is the 28th yearly publication of the results of turfgrass research projects performed at Iowa State University. This is the tenth year that the entire report is available on the Internet. This report and the previous years' reports can be accessed at:

<http://turfgrass.hort.iastate.edu/>

In the spring of 2007, a new National Turfgrass Evaluation Program (NTEP) Tall Fescue trial was established and a series of new herbicide studies were begun. Dr. Fei received funding from the United States Golf Association (USGA) to study molecular mechanisms of freezing tolerance in perennial ryegrass and that work was begun in 2006 and continues in 2007. Dr. Minner received funding from the Golf Course Superintendents Association of America (GCSAA) and the Iowa Golf Course Superintendents Association (Iowa GCSA) to study the establishment of Kentucky bluegrass golf course fairways. This work will be conducted at Homewood Golf Course in Ames, Twin Pines in Cedar Rapids, and Traer Country Club in Traer, IA..

Other studies of interest currently being conducted at the research station include fairway and green height creeping bentgrass evaluations, and fine fescue study, a perennial ryegrass study and shade study. These plots will be on the field day program on July 19, 2007.

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We would like to express special thanks to our industry supporters who provided equipment and supplies to the turf program in 2006. Without their support, many of the things we do would not be possible. There is a list of supporters and the end of this report. If we missed anyone that should be on the list, please contact Nick Christians and your company name will be added to the web site list.

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