

College of Agricultural Plant Science

Evaluation of Playing Surface Characteristics of Various In-Filled Systems

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Note: First-time visitors to this site may want to start by reading "<u>Summary and Considerations</u>". Detailed information about a particular topic can then be found in the "Table of Contents" below.

Introduction and Objectives

Construction of Experimental Plot Area

Characterization of Infill Systems

Simulated Foot Traffic and Grooming

Surface Hardness (Gmax) Method

Infill Media and Underlying Pad

Traction Data Collection

Abrasion

A Survey of Microbial Popluations in Infilled Synthetic Turf Fields

Fieldturf specification sheet

PDF, 115.5 kB

Temperature and Color

Summary and Considerations

Bibliography and Acknowledgements

Athlete Performance and Safety

Gravel Drainage Specifications

2005-2006 Abrasion Data

2005-2006 Translational Traction Data

2005-2006 Rotational Traction Data

2005-2006 Surface Hardness (Gmax) Measured via ASTM Standard F1702

2005-2006 Surface Hardness (Gmax) Measured via ASTM Standard F355

8+1 0

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