

## **UNIVERSITY OF CALIFORNIA RIVERSIDE TURFGRASS RESEARCH ADVISORY COMMITTEE (UCRTRAC)**

---

### **Mission**

The mission of UCRTRAC is to focus on southern California turfgrass research issues and be a leader in educational dissemination and public awareness.

### **Vision**

The vision of UCRTRAC is to provide leadership through an industry-university partnership with the purpose of addressing turfgrass issues in southern California. The organization enhances the collaborative efforts of researchers, educators, and practitioners to identify and solve challenges that face the turfgrass industries. UCRTRAC focuses on environmental stewardship and provides a central clearinghouse for factual, forward-thinking turfgrass research and policy-making decisions. The organization is active in identifying and providing funding support to achieve mutually agreed upon goals.

### **Goals (in priority)**

1. To maintain a leadership role in influencing turfgrass research in southern California.
2. To continue to strengthen the communication process between UCR and turfgrass organizations by identifying researchable issues and implementing focused research to answer current and emerging issues. Also, it is to enhance the dissemination of results and information widely.
3. To provide an objective resource for decision makers regarding the public perception of the value of turfgrass and its culture.
4. To expand funding for turfgrass research by acting as an "umbrella" group that fosters cooperation, coordination and broader participation among turfgrass interests.

October 2003

## Research and Educational Needs Assessment of the Southern California Turfgrass Industries

Research and Education Industry Needs		General Turfgrass and Sod Production	Golf Course Turfgrass
<b><u>Research Needs</u></b>			
1.	Irrigation Water Use Efficiency Including Utilization of Effluent Water	✓	✓
2.	Impact of Turfgrass Chemicals and Fertilizers on the Environment	✓	✓
3.	Unbiased Product Testing (fertilizers, pesticides, equipment, etc.)	✓	✓
4.	Unbiased Cultivar Evaluations	✓	✓
5.	Production of Quality Putting Greens <ul style="list-style-type: none"> <li>• Annual bluegrass/creeping bentgrass summer decline</li> <li>• Managing/controlling annual bluegrass</li> <li>• Wear/traffic issues</li> <li>• Pest control</li> <li>• Soil compaction and salinity issues</li> <li>• Spring transition of overseeded bermudagrass</li> </ul>		✓
6.	Wear/Traffic Issues Including Safety and Playability	✓	✓
7.	Management/Control of Kikuyugrass	✓	✓
8.	Pest Control Including IPM and Biological Control	✓	✓
<b><u>Education Needs</u></b>			
1.	Articles that Would be In-Depth, Unbiased Specific Issue-Analysis Reports	✓	✓
2.	Accessible, User-Friendly Research/Education Reports	✓	✓
<b><u>Other</u></b>			
1.	The Ability to Respond to Sudden Research and Education Industry Needs	✓	✓

June 1996

***Purpose of the Accumulative Research Summary and Comments  
Concerning its Organization***

The purpose of this Accumulative Research Summary is to provide the most recent reporting on past and current studies that are under the UCRTRAC umbrella in a brief outline format. Associated Final Reports also are included for those seeking more detail. The Summary covers studies conducted from approximately 1996 to the present.

Please note that studies included in this report are organized into topical sections according to a list, "[Research and Educational Needs Assessment of the Southern California Turfgrass Industries](#)," that was developed in 1996 when UCRTRAC was formed. It also should be noted that the index of [Better Turf Thru Agronomics](#) is organized in the same fashion.

It is hoped that the Accumulative Research Summary will help strengthen our ability to achieve the [Mission, Vision, and Goals of UCRTRAC](#). Not only does this summary provide readily-accessible reporting on individual research studies, it also provides reference links for future articles that would be in depth, unbiased specific issue analysis reports and also more popular articles. Currently, there is considerable reporting on this website (<http://ucrturf.ucr.edu>) in [publications](#) such as [California Turfgrass Culture](#), [Better Turf Thru Agronomics](#), [News from the UCR Turfgrass Program](#), [UC ANR turfgrass publications](#), and [Reports on Topical Issues](#) and others.