

**Name:** Tim R. Murphy, Ph.D.

**Rank:** Professor

**% Salary Budgeted:** Instr. 5 Res. 20 Ext. 75 Outreach



**Program Overview:** Tim Murphy is a Weed Scientist with the University of Georgia Crop and Soil Sciences Department in Griffin, Georgia. For the past 21 years he has directed the Extension weed science educational effort in turfgrasses, forage crops and noncropland areas. He also conducts turfgrass weed management research and teaches the weed management section of CRSS 3500, Turfgrass Pest Management. He held a 100% public service (Extension) appointment from June 1985 to July 1998.

**Education:**

B.S.	Berea College	Agriculture	1975
M.S.	Clemson University	Agronomy-Weed Science	1979
Ph.D.	Clemson University	Agronomy-Weed Science	1985

**Employment:**

1995-Present	UGA, Crop and Soil Sciences Dept.	Professor
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**Membership in Professional Societies:**

International Turfgrass Society	Georgia Crop Production Alliance
Weed Science Society of America	Georgia Vegetation Management Assoc.
National Assoc. of County Agric. Agents	Georgia Exotic Pest Plant Council
Southern Weed Science Society	Georgia Turfgrass Association
Georgia County Agents Association	Georgia Golf Course Supts. Association

**Awards:**

1. Received the Weed Science Society of America Outstanding Extension Award in 2000.
2. Received American Society Horticultural Science 2004 Outstanding Extension Publication Award for a training manual entitled "Ornamental and Turfgrass Pest Management – A Pesticide Training Manual for the Carolinas and Georgia." Buhler, W.G., Baker, J.R., Bellinger, R., Brandenburg, R.L., Czarnota, M., E. Evans, P. Guillebeau, Martin, B., Murphy, T.R., Treadway, L.P. and C.Y. Warfield.
3. Received American Society Horticultural Science – Southern Region 2005 Extension Communication Award for a training manual entitled "Ornamental and Turfgrass Pest Management – A Pesticide Training Manual for the Carolinas and Georgia." Buhler, W.G., Baker, J.R., Bellinger, R., Brandenburg, R.L., Czarnota, M., E. Evans, P. Guillebeau, Martin, B., Murphy, T.R., Treadway, L.P. and C.Y. Warfield.

### Contributions to Teaching:

<u>(1) Undergraduate Course No. and Title</u>	<u>Times Taught</u>	<u>Avg. # of Students</u>
CRSS 3500*, Turfgrass Pest Management (team-taught 3-hr course with ENTO and PATH, responsible for 1/3 of course)	6	19

<u>(2) Graduate Course No. and Title</u>	<u>Times Taught</u>	<u>Avg. # of Students</u>
None		

### (3) Service on Graduate Advisory Committees

M.S. 1	2000	Ph.D. 2	1999, 2003	Served on committee
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### Contributions to Research and Other Creative Activities (1999-2005):

Books – 1	Book Chapters – 3	
Refereed Papers by Journal -	<i>International Turfgrass Research Journal</i> – 3	
	<i>Weed Technology</i> – 4, <i>HortScience</i> - 1	
Proceedings – 18	Abstracts – 15	Patents/PVPs – 0

### Contributions to Extension:

Bulletins – 7	Popular press, newsletters – 62
Retrievable slide sets – 25	Web-based articles – 27
National or state presentations – 52	In-service trainings – 28
County educational meetings – 71	

### Sources of Grants/amounts:

Agrichemical Companies -	\$812,300	GA Dept. of Transportation -	\$50,000
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### Contributions to Professional Service (committee service):

Professional societies –10	State societies – 2
University – 1	College – 10
Department – 4	Associate Editor - 1

### Goals for the Next Five Years:

**Extension:**

1. Continue to publish new Extension bulletins and revise existing bulletins.
2. Conduct 4 to 6 agent in-service trainings per year.
3. Serve as a technical resource for agents.
4. Update and maintain turfgrass weed science and weed science web pages.

**Research:**

1. Determine the tolerance of newly-developed bermudagrass, seashore paspalum and tall fescue cultivars to preemergence and postemergence herbicides.
2. Develop vegetative and seedhead suppression programs that reduce maintenance requirements for seashore paspalum.

3. Develop weed management programs for warm-season turfgrasses and tall fescue for use at the time of seeding, during seedling growth stages and in established stands.
4. Develop cost-effective weed management programs for roadside grasses, and develop weed control programs that promote the establishment of native grasses.

**Teaching:**

1. Teach weed science portion of CRSS 3500 on both Athens and Griffin campuses.