

PROCEEDINGS OF



**RESEARCH
CONFERENCE**

Forty-Eighth Annual Report

2003

Compiled and Edited by:
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We would like to extend our gratitude to all the researchers and nurserymen who attended the 48th Annual Conference and/or contributed to these Proceedings and continue to make this annual event an industry success.

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USING RESEARCH DATA SAFELY AND EFFECTIVELY

Good research is conducted under an exact set of controlled conditions, varying only the specific treatments which are to be evaluated. Results from the specific treatments are directly applicable to your operations only if all the conditions in your operation are controlled the same as in the research. Unfortunately, this seldom happens. However, this does not mean that you cannot benefit from the research. What it does mean is that you should use the research information on a trial basis if your plant species, soil type, watering method, size and age of plant, climatic region, etc. is different than that described by the researcher.

What an alert grower should expect to gain from these research reports is ideas — ideas as to the best control for insects, disease, nematodes and weeds — labor saving ideas such as chemical pruning and using growth regulators to minimize maintenance. Also, ideas on water management, nutrition, alternative growing media, new plants for landscaping and guides for improving profits and marketing skills can also be found.

Should you desire additional information on any report, please write to the author. We would like to extend an invitation to you to attend all sessions of the SNA Research Conference held in Atlanta each year in conjunction with *The World's Showcase of Horticulture*®.



48th ANNUAL
SOUTHERN NURSERY ASSOCIATION

**RESEARCH CONFERENCE PROCEEDINGS
2003**

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It is the fine men and women in horticultural research that we, the Southern Nursery Association, pledge our continued support and gratitude for their tireless efforts in the pursuit of the advancement of our industry.

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THE PORTER HENEGAR MEMORIAL AWARD for HORTICULTURAL RESEARCH



*Dr. Austin K. Hagan with
Dr. Donna Fare*

The Southern Nursery Association (SNA) has honored Dr. Austin K. Hagan, a faculty member at Auburn University, with the Porter Henegar Memorial Award during the 48th Annual SNA Research Conference held in conjunction with SNA's Annual Meeting and Convention in Atlanta, GA. Dr. Donna C. Fare, a USDA researcher and winner of the award last year, made the presentation to Hagan during the SNA Research Conference.

Originally known as the Research Award of Merit, the recognition was created in 1968 to honor those individuals who have made outstanding contributions to ornamental horticulture research and specifically to members of the Association. In 1972, the award was renamed the Porter Henegar Memorial Award in honor of one of SNA's former

Executive Secretaries. Nominations are made each year by SNA's Director of Research Dr. Bryson L. James and past award winners.

Hagan has served on the Auburn University faculty since 1980 where his specialty is plant pathology. In his current position, he spends 88 percent of his time on extension and 12 percent on research. He was previously on the faculty at Ohio State University where he earned his master's degree in Plant Pathology and doctor's degree in Plant Pathology. He holds a Bachelor of Science degree in biology from Indiana University of Pennsylvania.

Hagan's extension service activities include contacts with nursery, greenhouse and landscape industry providing plant diagnostic consultations. He seminars and short courses on a number of subjects and is involved with Certified Nursery training.

Research activities have focused on identifying herbaceous and woody ornamentals' resistance to disease, screening synthetic and natural fungicides for control of diseases affecting herbaceous and woody ornamental plants and developing disease management programs.

Hagan has authored or collaborated on numerous refereed journal articles and has written a series of technical reports and extension book chapters and circulars.

In addition to his expertise involving the horticulture industry, Hagan also has spent considerable time in the commercial peanut industry, an important crop in the State of Alabama.

THE BRYSON L. JAMES STUDENT RESEARCH COMPETITION 2003 AWARDS

This long-standing program was renamed in August 1989, in honor of Dr. Bryson L. James, Director of Horticultural Research for the Southern Nursery Association. As Dr. James has been an active participant and leader in the annual Research Conference for more than 40 years, the award, named in his honor, is a tribute to his tireless efforts on behalf of the researchers, the association and the industry. Listed below are guidelines for the Student Competition as well as this year's winners:

1. Any student of a university or a college having researchers that participate in the Southern Nursery Association Research Conference, are not more than one (1) academic year removed from graduation and whose research was completed prior to graduation are eligible to compete.
2. Research is to be that of the presenter and a part of his/her educational studies. Contract work, unless a part of a thesis or classroom report (credit given), is not acceptable, as it may provide unlimited funding and an unfair advantage.
3. The number of student papers from a single university or college may be limited, should time restraints dictate.
4. The student must have submitted a title to the SNA Conference Editor by the deadline specified in the Call For Titles. The paper should then be submitted both to the Section Editor for the Student Competition and to the appropriate "topic" Section Editor no later than the specified deadline.
5. The paper must follow the guidelines for format and subject matter as stated in the Call For Titles for the SNA Research Conference.
6. Student and advisor should be listed as co-authors.
7. Oral presentation must be limited to seven (7) minutes. An additional three (3) minutes will be allotted for questions. A penalty of two (2) points per minute or part thereof for every minute over seven (7) minutes will be assessed.
8. Judging shall be based on preparation of the paper (50 points) and oral presentation (100 points) for a total of 150 points.

2003 Bryson L. James Student Competition Award Winners

B.S. Candidates

1st Place	-	\$500	Adam Newby, Auburn University
2nd Place	-	\$300	Vance Whitacker, North Carolina State University
3rd Place	-	\$200	S.K. Earnest, Auburn University

M.S. Candidates

1st Place	-	\$500	Brian King, North Carolina State University
2nd Place	-	\$300	C.L. Proctor, North Carolina State University
3rd Place	-	\$200	Carey Simpson, Auburn University

Ph.D. Candidates

1st Place	-	\$500	Stephanie Burnett, University of Georgia
2nd Place	-	\$300	James S. Owens, North Carolina State University
3rd Place	-	\$200	Richard T. Olsen, North Carolina State University

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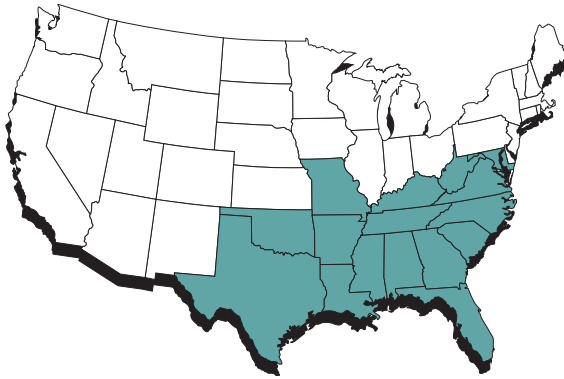
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