

PROCEEDINGS OF



**RESEARCH
CONFERENCE**

Thirty-Ninth Annual Report

1994

Compiled and Edited by
BRYSON L. JAMES
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We would like to extend our gratitude to all the researchers and nurserymen who attended our 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 can not benefit from the research. What it does mean is that you should use the research information on a trial basis first, 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.

Should you desire additional information on any report, please write to the author. Mailing addresses are listed in the back of this book. We would like to extend an invitation to you to attend all sessions of the Research Conference held in Atlanta each year in conjunction with the SNA Horticultural Trade Show.



**39th ANNUAL
SOUTHERN NURSERYMEN'S
ASSOCIATION**

**RESEARCH CONFERENCE REPORT
1994**

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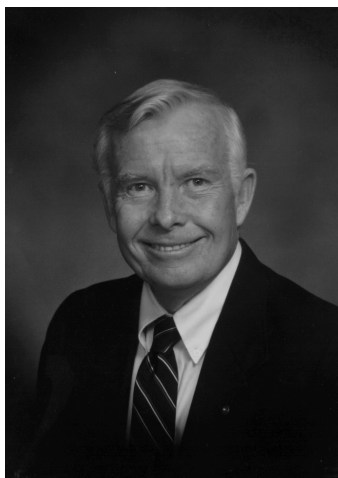
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**THE PORTER HENEGAR MEMORIAL AWARD
for
HORTICULTURAL RESEARCH
1994 RECIPIENT**



**Dr. Jerry T. Walker Receives
Porter Henegar Memorial Award**

The Southern Nurserymen's Association (SNA) honored University of Georgia's Dr. Jerry T. Walker by presenting him with the 1994 Porter Henegar Memorial Award on Friday, August 5. The award was presented during the recent 39th annual SNA Horticultural Research Conference, which is held in conjunction with the SNA Horticultural Trade Show. The award, originally known as the Research Award of Merit, was created in 1968 to honor those individuals who have made outstanding contributions to ornamental horticulture research and more specifically to the SNA. In 1972, the award was renamed the Porter Henegar Memorial Award to honor one of SNA's past Executive Secretaries, the late Porter Henegar.

Dr. Walker is a Professor of Plant Pathology and has been the head of the Plant Pathology Department at the University of Georgia (UGA), Griffin, Georgia for the past 21 years. He has published more than 100 scientific papers, mostly related to ornamentals, nematodes and air pollution. He is currently a contributing author to World Book. He received an A.B. Degree from Miami University, Oxford, Ohio and M.S. and Ph.D. degrees from Ohio State University. Prior to his position at UGA, he worked 8 years as a plant pathologist and researcher at the Brooklyn Botanical Garden, NY.

THE
BRYSON L. JAMES
STUDENT RESEARCH COMPETITION

1994 AWARDS

This long-standing program was renamed in August 1989, in honor of Dr. Bryson L. James, Director of Horticultural Research for the Southern Nurserymen's Association. Dr. James has been an active participant and leader in the annual Research Conference for more than 30 years and 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 the guidelines for the Student Competition as well as this year's winners:

1. Any student of a university or college having researchers that participate in the Southern Nurserymen's Association Research Workers Conference and not more than a one (1) academic year removed from graduation and whose research was completed prior to graduation.
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 since it may provide unlimited funding and an unfair advantage.
3. Previous first-place winners are not eligible.
4. The student must have submitted a title to the SNA Conference Chairman by the specified time in the Call For Titles. The paper should be submitted to the Section Chairman for the Student Paper Award no later than **July 1**. Also, a copy should be sent to the appropriate "topic" Section Chairman.
5. The paper should follow the guidelines for the SNA Research Workers Conference in relation to format and subject matter.
6. The student and his 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). Total 150 points.

1994 AWARD WINNERS

1st Place - \$1,000.00	Jeff L. Sibley, Auburn University
2nd Place - \$ 600.00	Chris Wilson, Clemson University
3rd Place - \$ 400.00	D. A. Findley, Auburn University

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