

**Southern Division American Phytopathological Society
2005 Meeting Program
DoubleTree Hotel
Little Rock, Arkansas**

Saturday February 5, 2005

8:00-5:00 Pre-conference Workshop - Phytophthora capsici Disease -
Dave Thompson (Grand Ballroom Salon A)

Sunday afternoon: February 6, 2005

12:00-4:00 p.m. Registration (Grand Ballroom Lobby/Foyer)

1:05-1:15 Welcome – Mike Benson, SDAPS President (Grand Ballroom Salon B)

Student presentations – John Damicone, SDAPS Past-President, presiding

1:15-1:30 **Using modeled weather for predicting Sclerotinia blight of peanut.** D. L. Smith and B. B. Shew. North Carolina State University, Dept. of Plant Pathology, Raleigh, NC 27695.

1:30-1:45 **Influence of soil texture on *Meloidogyne incognita* induced yield suppression of cotton.** W. S. Monfort (1), T. L. Kirkpatrick (2), and A. Mauromoustakos (1). (1) Dept. of Plant Pathology, Univ. of Arkansas, Fayetteville, AR 72701; (2) SWREC, Univ. of Arkansas, Hope, AR 71801.

1:45-2:00 **Impact of foliar fungicides on soybean yield and net returns.** B. L. Spinks (1), D. H. Poston (2), G. L. Sciumbato (2), and M. A. Blaine (1). (1) Plant and Soil Sci. Dept., Mississippi State Univ., Mississippi State, MS 39762; (2) Delta Res. and Ext. Center, Mississippi State Univ., Stoneville, MS 38776.

2:00-2:15 **Stability of response of advanced peanut breeding lines and Bolivian Bayo Grande to leaf spot diseases and tomato spotted wilt at multiple locations.** S. K. Gremillion (1), A. K. Culbreath (1), J. W. Todd (1), D. W. Gorbet (2), and R. Pitman (3). (1) Univ of Georgia, Tifton, GA; (2) Agronomy Dept., Univ of Florida, Marianna, FL; (3) USDA-ARS, Griffin, GA.

2:15-2:30 **First occurrence of Sclerotinia blight on peanut in Georgia.** J. E. Woodward (1), T. B. Brenneman (1), R. C. Kemerait (1) and J. R. Clark (2). (1) Dept. of Plant Pathology, University of Georgia, Tifton, GA 31793; (2) University of Georgia Cooperative Extension Service, Baxley, GA 31535.

2:30-2:45 **Pathogenicity of *Sclerotium rolfsii* on winter wheat and peanut.** V. Choppakatla (1), H. A. Melouk (2), R. M. Hunger (1), M. E. Payton (3), and K. D. Chenault (2). (1) Entomology & Plant Pathology, Oklahoma State University (OSU), Stillwater, OK 74078; (2) USDA-ARS, Stillwater, OK 74075; (3) Statistics, OSU, Stillwater, OK.

2:45-3:00 **Break**

Contributed papers – K. W. Seebold, presiding

3:00-3:15 **A laboratory method to determine soybean resistance to purple pod rot caused by *Cercospora kikuchii*.** B. B. Cook and G. L. Sciumbato, Delta Research and Extension Center, Stoneville, MS 38776.

3:15-3:30 **Effect of fungicide seed treatment and seed quality on soybean stand and yield in Arkansas.** M. L. Rosso, J. C. Rupe, C. S. Rothrock, M. T. Kirkpatrick, and S. A. Winters. Dept. of Plant Pathology, University of Arkansas, Fayetteville, AR 72701.

3:30-3:45 **Incidence of *Phomopsis longicolla* and other fungi associated with soybean seed in early soybean production system plantings in the midsouthern USA.** A. Mengistu and L. G. Heatherly. USDA-ARS, Crop Genetics & Production Research Unit, P. O. Box 345, Stoneville, MS 38776.

3:45-4:00 **Evaluation of fungicide applications for control of frogeye leaf spot, seed quality, and yield in DP 4748S soybean.** B. Blessitt and D. Poston. Mississippi State University, Delta Research and Extension Center, Stoneville, MS 38776.

4:15-5:00 SDAPS Executive Committee Meeting (Edgehill Room)

4:00-6:00 **SAAS Opening and General Session and Symposium** (Peabody Hotel, Conway Room)

6:30–8:30 SAAS Reception (Statehouse Convention Center, Statehouse Ballroom)

Monday, February 7, 2005

8:00-11:30 Registration (Grand Ballroom Lobby/Foyer)

8:10 Announcements - Mike Benson, SDAPS Pres. (Grand Ballroom Salon B)

Contributed papers – Boyd Padgett, presiding

- 8:15-8:30 **Molecular identification of *Uncinuliella australiana* as the powdery mildew pathogen of crape myrtle (*Lagersroemia indica*).** A. Shi, M. T Mmbaga, and S. Zhou. Tennessee State University, Otis A. Floyd Nursery Research Center, 472 Cadillac Lane, McMinnville, TN 37110.
- 8:30-8:45 ***Magnaporthe grisea* race shift for virulence to the major R gene Pi-ta in Arkansas.** F. N. Lee (1), R. D. Cartwright (1), Y. Jia (2), and J. C. Correll (1). (1) Plant Pathology, University of Arkansas, Fayetteville, AR 72701; (2) DB NRRC, USDA-ARS-SPA, Stuttgart, AR 72160.
- 8:45-9:00 **Role of resistance genes and anatomical changes in flood-mediated rice blast field resistance.** F. N. Lee, M. P. Singh, and P. A. Counce. Rice Research and Extension Center, University of Arkansas, 2900 Hwy 130E, Stuttgart, AR 72160.
- 9:00-9:15 **Stripe rust: An emerging problem in Louisiana wheat.** G. B. Padgett (1), B. C. W. Garber (2), and A. M. Purvis (1). (1) Northeast Research Station, LSU AgCenter; (2) Dean Lee Research Station, LSU AgCenter.
- 9:15-9:30 **Occurrence of fusiform rust in plantings of previously inoculated gall-free pine seedlings.** C. H. Walkinshaw, USDA Forest Service, Pineville, LA.
- 9:30-9:45 **Scala brand SC fungicide for the control of diseases of southern crops.** L. Fought , J. R. Bloomberg, G. H. Musson, R. Kaiser, and R. Schwehr. Bayer CropScience, Research Triangle Park, NC 27709.
- 9:45-10:00 Break
- 10:00-10:15 **Absolute 500 SC for the control of peanut diseases.** G. H. Musson, J. R. Bloomberg, L. Fought, R. Kaiser, R. Kraus, and R. Myers. Bayer CropScience, Research Triangle Park, NC 27709.
- 10:15-10:30 **Use of fungicides for management of foliar diseases of corn in Georgia.** R. K. Kemerait, W. D. Duffie, W. J. Etheridge, and L. L. Lanier. University of Georgia Cooperative Extension Service, Tifton, GA 31793.
- 10:30-10:45 **Suppression of pink root and Botrytis neck rot of onion with fungicides.** K. W. Seebold and D. B. Langston. Dept. of Plant Pathology, University of Georgia, CPES, Tifton, GA 31793.
- 10:45-11:00 **Control of Phytophthora root rot in ornamentals with cyazofamid, fenamidone and phosphite fungicides.** D. M. Benson. North Carolina State University, Dept. of Plant Pathology, Raleigh, NC 27695.

- 11:00-11:15 **Relative efficacy of three injection patterns of metam sodium for control of *Cylindrocladium* black rot in twin-row peanut.** T. B. Brenneman. Dept. of Plant Pathology, University of Georgia, CPES, Tifton, GA 31793.
- 11:15-11:35 **Special Report on Status of Soybean Rust in U.S.**
- 11:45-12:45 **Graduate Student Luncheon** (Riverside West), by invitation only
- 1:00-4:15 **Symposium** (Grand Ballroom Salon B)
“Plant Pathology Programs: Past Achievements and Future Directions”
- 1:00-1:05 **Introduction.** Tim Brenneman, SDAPS President Elect
- 1:05-1:30 **University of Arkansas,** Dr. Sung Lim
- 1:30-1:55 **University of Georgia,** Dr. John Sherwood
- 1:55-2:20 **Louisiana State University,** Dr. Gerard Berggren
- 2:20-2:45 **North Carolina State,** Dr. James Moyer
- 2:45-3:10 **Texas A & M,** Dr. Dennis Gross
- 3:10-3:30 Break
- 3:30-4:15 **Symposium Discussion Panel** (All speakers)
- 4:15-5:15 **SDAPS Business Meeting,** Mike Benson, SDAPS President, presiding
- 6:00-9:00 **SDAPS Social (cash bar) and Southern Division deBary Bowl**
(Palisades Room)

Tuesday, February 8, 2005

NOTE -- The SDAPS meeting ends Monday night. The Eastern Regional Conference on the Ecology of Root Infecting Microorganism's (ERCERIM) will hold its biennial meeting on Feb. 8th beginning at 8:00 AM (Grand Ballroom Salon B). Sessions are planned on *Phytophthora*, soil health/reduced tillage, and nematode distribution. After supper there will be an additional discussion time as well. The coordinator for this years ERCERIM meeting is Dr. John Rupe at (479) 575-2778 or jrupe@uark.edu.