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Selected Publications

- Ruark, S.J., and Shew, B.B. 2010. Evaluation of microbial, botanical, and organic treatments for control of peanut seedling diseases. *Plant Dis.* 84:445-454.
- Carley, D.S., Jordan, D.L., Shew, B.B., Sutton, T.B., Dharmasri, L.C., and Brandenburg, R.L. 2009. Influence of Digging Date and Fungicide Program on Canopy Defoliation and Pod Yield of Peanut (*Arachis hypogaea* L.). *Peanut Science* 36:77-84.
- Jordan, D. L., Fisher, L. R., Shew, B. B., Marshall, T., Johnson, P. D., Ye, W., and Brandenburg, R. L. 2009. Comparison of cropping systems including corn, peanut, and tobacco in the North Carolina Coastal Plain. *Crop Management* doi:10.1094/CM-2009-0612-01-RS.
- Smith, D.L., Garrison, M.C., Hollowell, J.E., Isleib, T.G., and Shew, B.B. 2008. Evaluation of application timing and efficacy of the fungicides fluazinam and boscalid for control of *Sclerotinia* blight of peanut. *Crop Protection* 27:823-833.
- Hollowell, J.E., Isleib, T.G., Tallury, S.P., Copeland, S.C. and Shew, B.B. 2008. Screening of virginia-type peanut breeding lines for resistance to *Cylindrocladium* Black Rot and *Sclerotinia* Blight in the greenhouse. *Peanut Science* 35: 18-24.
- Cantonwine, E.G., A. K. Culbreath, B. B. Shew, and M. A. Boudreau. 2008. Efficacy of organically acceptable fungicides for management of early and late leaf spot of peanut. *Plant Health Progress* doi:10.1094/PHP-0317-03-RS.
- Jordan, D.L., B.B. Shew, J.S. Barnes, T. Corbett, J. Alston, P.D. Johnson, W. Ye, and R.L. Brandenburg. 2008. Pest reaction, yield, and economic return of peanut cropping systems in the North Carolina coastal plain. *Crop Management* doi:10.1094/CM-2008-1008-01-RS.
- Jordan, D.L., J.S. Barnes, T. Corbett, C.R. Bogle, P.D. Johnson, B.B. Shew, S.R. Koenning, W. Ye, and R.L. Brandenburg. 2008. Crop response to rotation and tillage in peanut-based cropping systems. *Agron. J.* 100:1580-1586.
- Smith, D.L, J.E. Hollowell, T.G. Isleib, and B. B. Shew. 2007. A site-specific, weather-based disease model for *Sclerotinia* blight of peanut. *Plant Dis.* 91:1436-1444.
- Isleib, T.G., P.W. Rice, S.C. Copeland, R.W. Mozingo II, J.B. Graber, B. Shew, D.L. Smith, H. Melouk, and H.T. Stalker. 2006. Registration of N96076L peanut germplasm. *Crop Sci.* 46:2329-2330.
- Smith, D.L., J.E. Hollowell, T.G. Isleib, and B.B. Shew. 2006. Analysis of factors that influence the epidemiology of *Sclerotinia minor* on peanut. *Plant Dis.* 90:1425-1432.
- Hollowell, J.E. and B.B. Shew. 2005. First Report of *Sclerotinia minor* on *Allium vineale* in North Carolina. *Plant Dis.* 89:908. Published on-line as DOI: 10.1094/PD-89-0908C.
- Hollowell, J.E. and B. B. Shew. 2005. First Report of *Sclerotinia minor* on *Sida spinosa* in North Carolina. *Plant Dis.* 89:1128. Published on-line as DOI: 10.1094/PD-89-1128A.
- J.E. Hollowell and B.B. Shew. 2004. First report of Carolina geranium as a host of *Sclerotinia minor*. *Plant Disease* 88: 312.
- J.E. Hollowell and B.B. Shew. 2004. First report of common chickweed as a host of *Sclerotium rolfsii*. *Plant Disease* 88: 426.

- Hollowell, J.E., B.B. Shew, M.A. Cubeta, and J.W. Wilcut. 2003. Weed species as hosts of *Sclerotinia minor* in peanut fields. *Plant Disease* 87:198-199.
- Hollowell, J.E., B.B. Shew, and T.G. Isleib. 2003. Evaluating isolate aggressiveness and host resistance from peanut leaflet inoculations with *Sclerotinia minor*. *Plant Disease* 87:402-406.
- Lemay, A.V., J.E. Bailey, and B.B. Shew. 2002. Resistance of peanut to *Sclerotinia* blight and the effect of acibenzolar-S-methyl and fluazinam on disease incidence. *Plant Disease* 86: 1315-1317.
- Stalker, H.T., M.K. Beute, B.B. Shew, and K.R. Barker. 2002. Registration of two root-knot nematode-resistant peanut germplasm lines. *Crop Sci.* 42:312-313.
- Stalker, H. T., M. K. Beute, B. B. Shew, and T. G. Isleib. 2002. Registration of five leaf spot-resistant peanut germplasm lines. *Crop Sci.* 42:314-316.

Selected recent submitted manuscripts, technical reports, and Extension publications

- Isleib, T.G., Milla-Lewis, S.R., Pattee, H.E., Copeland, S.C., Zuleta, M.C., Shew, B.B., Hollowell, J.E., Sanders, T.H., Dean, L.O., Hendrix, K.W., Balota, M. 20___. Registration of Bailey Peanut. *Journal of Plant Registrations*. (submitted).

2009 Plant Disease Management Reports

- Shew, B.B., J.E. Hollowell. 2009. Evaluation of foliar fungicides for the control of peanut diseases in North Carolina, 2008. *Plant Disease Mgt. Rept.* 3:FC010
- Hu, J.H., P. M. Phipps, E. A. Grabau, B. B. Shew. 2009. Disease susceptibility in virginia-type peanuts transformed with a barley oxalate oxidase gene, 2008. *Plant Disease Mgt. Rept.* 3:FC004
- Shew, B.B., J.E. Hollowell. 2009. Evaluation of Topguard for the control of peanut diseases in North Carolina, 2008. *Plant Disease Mgt. Rept.* 3:FC009
- Shew, B.B., J.E. Hollowell. 2009. Evaluation of foliar fungicides for the control of peanut diseases in North Carolina, 2008. *Plant Disease Mgt. Rept.* 3:FC010