

Publications for Jane Pierce

BOOKS/BOOK CHAPTERS

Pierce, J. Breen, C.A. Sutherland, A. Miller, L. Dominguez and J. Salvini. 2000. Boll Weevil Establishment and Eradication in New Mexico. *In: The History of Boll Weevil Eradication in the United States*. National Cotton Council. National, TN. pp. 359-371.

Breen, J. 1994. *Acremonium* endophyte interactions with enhanced plant resistance to insects. *Annual Review of Entomology*. 39: 401-423.

Fraser, M. and **J. Breen**. 1994. Role of endophytes in IPM for turf. *In IPM of Turfgrasses*. EPA Mssl. pub. Wash. DC 115-123.

JOURNAL PUBLICATIONS

Pierce, J. Breen, P.E. Yates, N. Foster, L.A. Wood. 2002. Field residual activity of selected formulations of malathion against *Catolaccus grandis* (Hymenoptera: Pteromalidae) *Southwestern Entomologist* 27: 59-64

Pierce, J. Breen, J. Joseph Ellington, C. Ellers-Kirk, T. Carillo. 2001. Influence of plant population, early planting and varietal selection on early squaring and trap crop development of Bt cotton for control of pink bollworm *Pectinophora gossypiella* Saunders. *Journal of Entomological Science* 37: 219-226 .

Pierce, J. Breen, R. Flynn, C. Ellers-Kirk and C. French. 2001. Variation in plant resistance to cotton bollworm *Helicoverpa zea* in selected Bt cotton varieties. *Southwestern Entomologist*. 26: 353-363.

Pierce, J. Breen and P.E. Yates. 2001. Crop management and microclimate effects on immature boll weevil mortality in Chihuahuan desert cotton fields. *Southwestern Entomologist*. 26: 87-93.

Pierce, J. Breen and C. Ellers-Kirk. 1999. Influence of overwintering habitat on boll weevil trap captures. *Southwestern Entomologist*. 24: 123-131.

Pierce, J. Breen, C. Ellers-Kirk. 1999. Variation in beet armyworm susceptibility and expression of resistance in selected Bt varieties. *Southwestern Entomologist* 24: 183-92

Hughes, P.R., A. Wood and **J. Breen**. 1997. Enhanced bioactivity of recombinant baculoviruses expressing insect specific spider toxins in Lepidopteran crop pests. *Journal of Invertebrate Pathology*. 69:112-118.

PROCEEDINGS

Pierce, J. Breen and P. Monk. 2005. Yield response to simulated bollworm injury in Acala 1517-99. Proceedings 59th Beltwide Cotton Conferences. National Cotton Council. New Orleans, LA. (in press)

Pierce, J. Breen and P. Yates. 2003. Impact of management practices on crop microclimate, bollworm and boll weevil populations in cotton. 2003 Proceedings 57th Beltwide Cotton Conferences. National Cotton Council. Nashville.TN.

Pierce, J. Breen, P.E. Yates, and C.J. Hair. 2002. Cultural control and microclimate effects on immature boll weevil mortality in Chihuahuan desert cotton fields. Proceedings Beltwide Cotton Conferences. National Cotton Council. Atlanta, GA.

Foster, R.N., **J. Breen Pierce**, K.C. Reuter, P.E. Yates, J.D. Siepel, R. Kirksey, L.A. Wood, and J.J. Ellington. 2002. Evaluation of selected doses of three formulations of aerially applied malathion for boll weevil. Proceedings Beltwide Cotton Conferences. National Cotton Council. Atlanta, GA.

Foster, R. N., **J. Breen Pierce**, K.C. Reuter, P.E. Yates. J. Ellington. 2001. Encapsulated malathion for boll weevil control: Field comparison of selected doses of three aerially applied formulations of malathion in New Mexico. Proceedings Beltwide Cotton Conferences. National Cotton Council. Anaheim, CA. pp 1070-1077.

Pierce, J. Breen, P.E. Yates. 2000. Field evaluation and residual activity of selected formulations of malathion against *Catolaccus grandis*. Proceedings Beltwide Cotton Conferences, National Cotton Council, San Antonio, TX. pp 1266-1268.

Foster, R. N., **J. Breen Pierce**, K.C. Reuter, T. Carillo, S. Liesner and J. Ellington. 2000. Field evaluation and leaf bioassay of selected formulations and doses of aerially applied malathion against boll weevil in New Mexico. Proceedings Beltwide Cotton Conferences. National Cotton Council. San Antonio, TX. pp 1188-1196.

Pierce, J. Breen, R. Flynn, C. Ellers-Kirk, C. French. 1999. Effect of nitrogen and vegetative growth on plant resistance to bollworm *Helicoverpa zea* in selected Bt cotton varieties. Proceedings Beltwide Cotton Conferences. National Cotton Council. Orlando, FL. pp 1169-1174.

Pierce, J. Breen, C. Ellers Kirk, R. Flynn, W. Houghton. 1998. Bt cotton in New Mexico: Variation in expression of resistance and beet armyworm susceptibility in selected Bt varieties. Proceedings Beltwide Cotton Conferences. National Cotton Council. San Diego, CA. pp 1146-1147.

COOPERATIVE EXTENSION SERVICE BULLETINS/REPORTS

Laurialt, L.M., D.C. Thompson, **J.B. Pierce**, G.J. Michels, W.V. Hamilton. 2004. New Mexico State University. Cooperative Extension Service. Circular 600. 14 pp.

Pierce, J. Breen, C. Hair and P. Yates. 2001. Influence of overwintering habitat on boll weevil damage in New Mexico cotton. New Mexico State University Publication A-237.

Pierce, J. Breen, W. Houghton, R. Flynn and J. Duffey. 2001. Boll weevil control in New Mexico's Pecos Valley. New Mexico State University Publication A-235.

Pierce, J. Breen and W. Cox. 2000. Early season boll weevil suppression and control for the New Mexico High Plains. New Mexico State University Publication A-236.

Pierce, J. Breen and C. Sutherland. 1999. Early-season pest management of boll weevil in New Mexico. New Mexico State University Publication A-233.

Pierce, J Breen. 1998. Cotton boll weevil biology. New Mexico State University Publication A-232.