

VITAE

John J. Ellington

General

***Present Position:* Professor, Entomology, Plant Pathology and Weed Science Department, New Mexico State University, Las Cruces, N.M.**

Experience:

1. Student Assistant in Entomology, University of Arizona.
2. Graduate Assistant, Cornell University, including field and laboratory work on biology, ecology and control of vegetable insects.
3. Field research with California Chemical Company, (Standard Oil company of California) mainly on the evaluation of insecticides of field crops (1963-1965).
4. Assistant, Associate and Full Professor, New Mexico State University, 1965-present. Research on host plant resistance, sampling, biological control, insecticide control and integrated pest management on cotton, alfalfa and pecans.
5. Short Term Projects – Mexico, China, Egypt, Turkmenistan, Uzbekistan, Kazakhstan, and Jamaica.

Teaching Experience:

Introductory Entomology	1965-1993
IPM	1970-2002
Biological Control	1980-present

Major Areas of Research

1. Precision Agriculture.
2. Integrated biological control of cotton insects.
3. Biological control of farm, orchard, yard and garden insects.

Grants

41 grants worth over \$3,000,000

Graduate Students

25 Graduated

Publications

Ninety peer reviewed publications (over 300 overall)

Professional Society Membership

Entomological Society of America (1958-2004)
Southwest Entomological Society (1965-present)
American Society of Agricultural Engineers

Awards:

1. Distinguished Research Award, 1973, NMSU.
2. President, Southwestern Entomological Society, 1996.
3. President, Western Region Biological Control, 1985.

Publications (1994 – 2008)

- Amin, A., Z.R. Sawiers, T. Carrillo and J. Ellington. 1994. Comparison of three arthropod sampling methods in New Mexico Cotton. Beltwide Cotton Conference. Proceedings Beltwide Cotton Conference.
- Amin, A., Z.R. Swaiers, T. Carrillo and J. Ellington. 1994. Comparison of dispersion and regression indicated for *Helicoverpa zea* (Boddie)(Lepidoptera: Noctuidae) on cotton in New Mexico. Beltwide Cotton Conference.
- Carrillo, J.R., D. Carrillo and J. Ellington. 1994. Evaluation of the effects of insecticidal mortality on five biotypes of *Anaphes iole*, an egg parasite of *lygus*. Southwest. Entomol. 19:157-160.
- Carrillo, T.D., D. LaRock, J.J. Ellington. 1994. Biological control in agricultural cropping systems. New Mexico Academy of Sciences.
- Ellington, J. and T. Carrillo. 1994. A computer assisted recognition system for cotton. Proceedings Beltwide Cotton Conference. Pp. 1026-1027.
- Ellington, J.J., T.D. Carrillo, D. LaRock, A.H. Abd El-Salam, D.B. Richman and B.E. Lewis. 1994. Biological control of pecan insects in New Mexico. Hort. Technology, Pp. 126-130.
- Ellington, J.J., T.D. Carrillo, D. LaRock and A.H. Abd El-Salam 1994. Evaluation of beneficial Insects for control of pecan pests. New Mexico Pecan Conference Proceedings.
- Ellington, J.J., T.D. Carrillo, D. LaRock and A.H. Abd El-Salam. 1994. Report to the Pecan Producers of New Mexico.
- Etzel, L.K., K.S. Hagen, D. Gonzalez and J.J. Ellington. 1994. Egyptian Alfalfa weevil. In Arthropod Case History. J.R. Nichols, ed. University of California Press. Berkley, CA.
- Jackson, C.G., J.W. Debolt and J.J. Ellington. 1994. *Lygus* bugs, *lygus* spp. (Hemiptera: Miridae). In Arthropod Case History. J.R. Nichols, ed. University of California Case History, UC Press. Berkley, CA.
- Richman, D.B., K. Schneider, M. Sarabia, T. Carrillo, D. Dean and J. Ellington. 1994. Preliminary key to the spiders of Egyptian cotton. (submitted to ARC in Egypt).
- Sawires, A., A. Amin, T. Carrillo and J. Ellington. 1994. Testing the interaction of pest-predator-plant-weather components of TEXCIM on short and long staple cotton varieties with two sampling methods. Beltwide Cotton Conference Proceedings.
- Sawires, A., A. Amin, T. Carrillo and J. Ellington. 1994. Effects of some weather factors on pink bollworm male moth catches in pheromone traps and their relationship to infestations in cotton fields. Proceedings-Beltwide Cotton Conference.
- Bosland, P.W. and J.J. Ellington. 1996. Comparisoon of *Capsicum annum* and *C. pubescent* for antixeoosis as a means of aphid resistance. Hort Science. 31:1017-1018

- El-Heneidy, A.H., Y.H. Fayad, D. Gonzalez, N.M. Adel-Salam, J. Ellington and G.M. Moawad. 1996. Pest-Predator interactions, in untreated cotton fields at three plant growth stages. 1 – location impact. *Egypt. J. Biol. Pest Control.* 68:75-81
- LaRock, D.R. and J.J. Ellington. 1996. An integrated pest management approach emphasizing biological control for pecan aphids. *Southwest. Entomol.* 21:53-165.
- Bowers, J.P., D.B. Richman and J. Ellington. 1997. *Pardosa sternailis* (Thorell), a new host record for *Hidryta frater* (Cressan) in the Mesilla Valley, Dona Ana County, New Mexico. *Southwest. Entomol.* 23:91-92.
- Bowers, J.P., D.B. Richman and J. Ellington. 1997. Recovery of *Tetrastichas incertus* (Ratzburh) from *Hypera postica* (Ceyllendhal) in the Mesilla Valley, Dona Ana County, New Mexico. *Southwest. Entomol.* 23:89-90.
- El-Heneidy, A.H., A.A.Ibrahim, D. Gonzalez, N.M. Adel-Salam, J. Ellington and G.M. Moawad. 1997. Pest-Predator interactions in untreated cotton fields at three plant growth stages, 2-planting date impacts. *Egypt. J. Agric. Res.* 75:137-155.
- Ellington, J., M. Southward and T. Carrillo. 1997. Association among cotton arthropods. *Environ. Entomol.* 26:1004-1008.
- Ellington, J.J., S.T. Ball, S. Meeks, T. Carrillo and S. Liesner. 1998. Biological control of insect pests in pecans. Annual Research Report. New Mexico State University.
- Ellington, J., M. Southward. 1999. Quadrat sample precision and cost with a high-vacuum insect sampling machine in cotton ecosystems. *Environ. Entomol.* 38:722-728.
- Ellington, J.J., S.T. Ball, T. Carrillo, S. Meeks and S. Liesner. 1999. Bollweevil and pink bollworm life cycle and seasonal development in New Mexico. Cooperative Extension Circular 560. New Mexico State University.
- Ellington, J.J., S.T. Ball, T. Carrillo, S. Meeks and S. Liesner. 1999. Bollweevil and pink bollworm suppression and control in New Mexico. Cooperative Extension circular 560. New Mexico State University.
- Gassoumi, H., J.J. Ellington, H.T. Nguyen and N. Prasad. 1999. A soft computing approach to insect classification in the cotton field. The International Symposium on Medical Information and Fuzzy Technology. Proceedings Pp. 445-485.
- Gassoumi, H., Ellington, J.J., T. Carrillo, J. White, C. Sutherland, and D. Richman. 2005. Guide to the biological control of some common yard and garden pest insects in New Mexico. New Mexico Circular 607.
- J.J. Ellington, H.T. Nguyen and N.R. Prasad. 1999. Integrated management systems. *Am. Ass. For Artificial Intelligence.*
- Foster, N.R., K.C. Reuter, S. Liesner, J.C. B. Pierce, T. Carrillo and J. Ellington. 1999. Field evaluation and leaf bioassay of selected formulations and doses of aerially applied malahion against bollweevil in New Mexico. *J. Cotton Science.*
- Ellington, J. and T. Carrillo. 1999. Attract and kill for the control of pink bollworm. International Cotton Pest Work Committee Report.
- Ellington, J. and T. Carrillo. 1999. Biological control of insect pests in pecans. In thirty-third Western Pecan Proceedings.
- Ellington, J., T. Carrillo and C. Sutherland. 2001. Biological control options in New Mexico pecans. In: Thirty-fifth Western Pecan Conference Proceedings.

- Ellington, J., T. Carrillo and C. Sutherland. 2001. Biological control options in New Mexico pecans. XXIV Congreso Nacional de Control Biológico Memoirs. Pp. 219-225.
- Dong, H. and J.J. Ellington. 2001. An artificial diet for the lady beetle *Harmonia axyridis* Pallus (Coleoptera: Coccinellidae). Southwestern Entomol. Pp. 26:205-213.
- Ramirez, J., J. Ellington, M. Remmenga and T. Carrillo. 2001. Relación entre capturas de gusano rosario *Pectinophora gossypiella* (Sanders), e infestacion en cuadros y bellotas en el valle de Mesilla, New Mexico. Memors XXXVI Congreso Nacional de Entomologia Memoirs Pp. 111-112.
- Romero, J.C., J.J. Ellington, D.B. Richman. 2001. Pecan nut casebearer, *Acrobasis nuxorella* Neunzing parasites collected in Dona Ana County, New Mexico, and El Paso County, Texas. Southwest. Entomol. Pp. 26:269-270.
- Ellington, J. and E.A. Herrera. 2001. Biological control options in New Mexico pecans. New Mexico State University. Guide H-653 8 pp.
- LaRock, D.R., Z. Mirdad, and J.J. Ellington. 2003. Control of green peach aphids *Myzus persicae* with lady beetles *Harmonia axyridis* (Pallus) on chile *Capsicum annum* L. in the greenhouse. Southwest. Entomol. Pp. 28:249-253.
- Ellington, J. and T. Carrillo. 2002. Pecan Integrated Biological Control. Southwest. Entomol. (accepted).
- Pierce, J.B., J.J. Ellington, E. Kirk and T. Carrillo. 2002. Plant population, planting date and cotton variety impact on early squaring and development of a trap crop for pink bollworm (Lepidoptera: Noctuidae). J. Entomol. Sci. 37:219-226.
- Ellington, J. and R. Creamer. 2003. Integrated biological control of pecan nut casebearer in New Mexico. Pecan Symposium. SW Branch ESA, Oklahoma City, Oklahoma.
- Ellington, J.J. and T. Carrillo. 2002. Integrated biological control of cotton insects in New Mexico. International Cotton Pest Work Committee. Mazatlan, Mexico. Proceedings.
- Ellington, J.J. and T. Carrillo. 2003. Black Aphid Control. XXXVIV Annual Western Pecan Conference Proceedings.
- Ellington, J.J., T. Carrillo, J. White, C. Sutherland, and D. Richman. 2005. Guide to the biological control of some common yard and garden pest insects in New Mexico. New Mexico Circular 607.
- Richman, D.B., J. Drake, T. Carrillo, S. Liesner and J.J. Ellington. 2006. A color key to the common spiders found in alfalfa and cotton in New Mexico. New Mexico State University Circular 609.
- Ellington, J.J., T. Carrillo, J. McCauley, D. McWilliams, J. Lillywhite, J. Pierce and J. Drake. 2007. Precision Cotton Production. New Mexico State University Circular 629.
- Carrillo, T. J., J. Drake and J. Ellington. 2006. Precision water and nitrogen applications in Acala 1517-99 cotton, *Gossypium hirsutum* (L.) Proc. of the Beltwide Cotton Conf. Proceedings. Pp. 1373-1376.
- Carrillo, T. J., J. Drake and J. Ellington, 2008. Density responses of predaceous arthropods and *Lygus* spp. (Hemiptera: Miridae) to varying nitrogen fertilizer rates in Acala 17 cotton, *Gossypium hirsutum*. L., J. Crop Protection (accepted).

