

STEVEN K. SEUHS

Curriculum Vitae

Department of Entomology and Plant Pathology
Oklahoma State University, Stillwater, Oklahoma 74078

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Education

Masters of Science Degree, Agriculture Education, with an emphasis in *education technology*, Oklahoma State University, December, 2007.

Bachelor of Science degree in Animal Science/Agronomy, Cameron University Lawton, Ok. December, 1988.

Computer Experience

Windows 95,98, Windows Office XP; Microsoft Word, Excel, PowerPoint and Access, Lotus Notes, TurboStat, and Internet. Minor installs and troubleshooting of office related software and hardware such as printers. Beginning and Intermediate Web Site creation workshops. ARM Statistical software training workshop. 2014.

- Win 95. Received MCP (Microsoft Certified P) status.
- Networking Essentials.
- Win NT Server 4.0.
- Win NT 4.0 Server in the Enterprise.
- NT Workstation 4

Honors and Activities

Vice-President, Aggie Club, Cameron University, 1987.

Honor Roll, Cameron University, 1987, 1988.

Entomological Society of America (ESA)

DASNR, top ten percent of Agriculture Education students, 2006-2007.

Work Experience

July 2013 – Present Assistant Extension Specialist Field Crops– Alfalfa, Canola, Wheat and Summer Agriculture Field Crops, Department of Entomology and Plant Pathology Oklahoma State University Stillwater, Ok. Coordination of IPM field trials for Canola, Wheat, Alfalfa, various summer field crops and special projects with various research and extension specialist across the department and state.

Major Responsibilities Include:

- ◆ Extension field research including, field preparation, distribution of research plots, application of chemicals as needed, data collection and analyzing. **Major emphasis on Alfalfa with additional crops to include: Peanuts, Canola, Wheat, Sorghum, Corn, Soybean and Pasture.**
- ◆ Project collaboration with individuals, producer groups, chemical companies, Oklahoma Department of Agriculture (ODA), United States Department of Agriculture (USDA), other extension personnel on campus and throughout the state.
- ◆ Collaboration with various Extension personnel from other states.
- ◆ Supervision of 2-4 student employees.
- ◆ Development and dissemination of educational materials (fact sheets, current reports) and programs to various producer groups and companies throughout the state.
- ◆ Assist in the development and presentation of field day and campus tours.
- ◆ Attendance at state and regional commodity meetings and presentation of educational material.
- ◆ Co-Author articles for publication in Entomology magazines and reports.

Publications/Reports

Pest e-alerts

S. K. Seuhs and P .G. Mulder. Pest e-alerts. Alfalfa Weevil Egg Populations 2016. Vol. 15, No. 1 ... Feb 8, 2016. <http://entopl.okstate.edu/Pddl/>

S. K. Seuhs and P .G. Mulder. Pest e-alerts. Update on Alfalfa Weevil Egg Populations, Degree Days, and Viabilities 2016 Vol. 15, No. 3 ... Feb 25, 2016. <http://entopl.okstate.edu/Pddl/>

S. K. Seuhs and P .G. Mulder. Pest e-alerts. Alfalfa Weevil Application Timing is Upon Us Vol. 15, No. 5 ... Mar 8, 2016. <http://entopl.okstate.edu/Pddl/>

S. K. Seuhs and P .G. Mulder. Pest e-alerts. Increasing Alfalfa Weevil Larval Numbers in Alfalfa as First Harvest Approaches Vol. 15, No. 9 ... Mar 31, 2016. <http://entopl.okstate.edu/Pddl/>

S. K. Seuhs and P .G. Mulder. 2015. Pest e-alerts. *Alfalfa Weevil Egg Update in Oklahoma Alfalfa*. Vol.14, No 2. <http://entopl.okstate.edu/Pddl/>

S. K. Seuhs and P .G. Mulder. 2015 *Update on Degree Day accumulation and insecticide listing*. Vol 14 No. 5 <http://entopl.okstate.edu/Pddl/>

S. K. Seuhs and P .G. Mulder. 2015 *Increasing Pea Aphid numbers in Alfalfa*. Vol 14 No. 19, <http://entopl.okstate.edu/Pddl/>

S.K. Seuhs and P.G. Mulder. 2014. Pest e-alerts. Cowpea Aphid and Alfalfa Weevil Update in Oklahoma Alfalfa. Vol.13, No 9. <http://entopl.okstate.edu/Pddl/>

Current Reports/Fact Sheets/Extension Handbook

P.G. Mulder and S.K. Seuhs. 2014. Current Report. Alfalfa Forage Insect Control. CR-7150

Poster Presentations

Poster Display at Sorghum Checkoff meeting in Manhattan, Kansas. 2015. Zarrabi, A.A, Giles, K.L, Seuhs, S.K., Elliot, N.C, and Royer, T.A., *Sugarcane Aphid (Melanaphis sacchari) in Oklahoma: Responding to a new Pest*.

Poster Display at ESA Branch Meeting Tulsa, Ok. February 2015. Zarrabi, A.A., Royer, T.A., Seuhs, S.K., Giles, K.L. *Insecticide Efficacy for Sugar Cane Aphid (Melanaphis sacchari) on Grain Sorghum (Sorghum bicolor)*.

Poster Display at ESA Branch Meeting Tulsa, Ok. February 2015. Zarrabi, A.A., Royer, T.A., Seuhs, S.K., Giles, K.L, Mulder, P.G., Rebek, E.J., and Talley, J.L *Insecticide Efficacy and Genetic Evaluation for Insect Resistance on Oklahoma Crops and Livestock*.

Publications

Insecticide Evaluations for Grasshopper Control in Bermudagrass Pasture, 2015

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 177 (1): F1

Insecticide Evaluations in Soybean for Control of Two Spotted Spider Mite, 2015

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016

Laboratory Bioassay of Insecticide Efficacy for Soybean Aphid (Aphis glycines Matsumura), 2015

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 181.R1

Standardized Evaluation of Carbine for Control of Sugarcane Aphid Early and Late-Planted Sorghum, 2016

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 183.R1.

Standardized Evaluation of Sivanto Prime for Control of Sugarcane Aphid, 2016

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 184.R1.

Standardized Evaluation of Strafer Prime for Control of Sugarcane Aphid, 2016

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 185.R1

Insecticide Evaluations for Grasshopper Control in Bermudagrass Pasture, 2014

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 40 (1): F1

Insecticide Evaluations for Grasshopper Control in Bermudagrass Pasture, 2013

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 40 (1): F2

Evaluation of Insecticides for Sugarcane Aphid Control in Grain Sorghum, 2014

Ali A. Zarrabi; S. Kelly Seuhs; Kristopher L. Giles; Tom A. Royer

Arthropod Management Tests 2016 40 (1): F3

Royer T.A., K.L. Giles, A. A. Zarrabi, and S.K. Seuhs. 2013. Determine Control of Forage-Feeding Caterpillars and Incidence of Other Sporadic Insect Pests on Winter Canola.

Partners in Progress- Oil seed work on Canola P-1040.

Godsey, C.B., J. Vitale, P.G. Mulder, J.Q. Armstrong, J.P. Damicone, K. Jackson, and K. Seuhs.

2011. Reduced tillage practices for the southwestern US peanut production region. Peanut Sci. Vol. 38, 1: 41-47.

A. A. Zarrabi, K. L. Giles, S. K. Seuhs: Report of Screening Result for Brassica (Canola)

Accessions for Resistance to Turnip Aphid. 2008.

Industry Funded Arthropod Management Test (Alfalfa) (Yearly).

P.G. Mulder, Jr. and S.K. Seuhs: Control of Alfalfa Weevil Larvae in Oklahoma, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016.

P.G. Mulder, Jr. and S.K. Seuhs: EVALUATIONS OF INSECTICIDE PERFORMANCE FOR CONTROL OF ALFALFA WEEVIL LARVAE, 2016.

P.G. Mulder, Jr. and S.K. Seuhs: EVALUATION OF INSECTICIDE PERFORMANCE FOR CONTROL OF Spotted Alfalfa Aphid, summer 2016.

P.G. Mulder, Jr. and S.K. Seuhs: Collaboration with IPM team in creation of Alfalfa IPM brochure for Oklahoma, 2003.

P.G. Mulder, Jr. and S.K. Seuhs: Plant Disease and insect Advisory. 2001- Present.

E. Stafne, P.G. Mulder, Jr and S.K. Seuhs: Collaboration with the Pecan IPM team in development of an interactive online (E-learning) Pecan Management course for pecan production in Oklahoma. 1997-present.

P.G. Mulder, Jr. S.K. Seuhs: Thrips Damage in Peanuts in Oklahoma 2000, 2001, 2002, 2003.

Industry Funded Arthropod Management Test (Peanuts)

P.G. Mulder, Jr. S.K. Seuhs: Effects of Tillage Practices on Thrips Control in Oklahoma, Partners in Progress Peanut Report, 2002, 2003, 2004, 2005, 2006, 2007.

P.G. Mulder, Jr. S.K. Seuhs: Effects Management of arthropods and other pests in peanuts, Partners in Progress Peanut Report, 2002, 2003, 2004, 2005, 2006, 2007 2008, 2009.

Industry Funded Arthropod Management Test (Pecan) (Fruit).

P.G. Mulder, Jr. S.K. Seuhs: Control of the Pecan Nut Case bearer in Oklahoma; 2001, 2002, 2003, 2204, 2005, 2006, 2007, 2008.

A. Knutson, P.G. Mulder Jr. and S. K. Seuhs: Validating the PNC Forecast System for Predicting Activity of Pecan Nut Case bearer in Pecans. 2008, 2009, 2010.

Industry Funded Arthropod Management Test

P.G. Mulder, Jr. S.K. Seuhs: Efficacy reports on chemicals for Pecan Weevil control in Oklahoma, 2001, 2002, 2003, 2004, 2005, 2006.

Industry Funded Arthropod Management Test (Fruit Tree)

P.G. Mulder, Jr. S.K. Seuhs: Efficacy reports on chemicals for insect control in peaches in Oklahoma, 2000, 2001, 2002, 2003, 2004, 2005.

P.G. Mulder, Jr. S.K. Seuhs: Identifying insect problems in Oklahoma grapes, 2003

D. L. Nofziger, K. Giles, P. Mulder, D. Murray, S. K. Seuhs: Report of Pesticide Economic and Environmental Tradeoffs (PEET). 2007-2008.

S.K., Seuhs, P.G., Mulder and J.P. Key. 2008. Participant Perceptions of the Oklahoma State University Pecan Management Program and E-learning approach. *American Entomologist*. (55. 2. 70-74.

Additional work experience:

2000-2013; Extension Associate, Department of Entomology and Plant Pathology Oklahoma State University Stillwater, Ok.
Involved in Extension research, analysis and dissemination of information for various Agriculture and fruit crops throughout Oklahoma.

8/98-2/99; Extension Paraprofessional, Department of Entomology and Plant Pathology Oklahoma State University Stillwater, Ok.
Assist State Pesticide Coordinator in creating and presenting programs and educational materials related to Pesticide Applicator Education and other pesticide issues for the state of Oklahoma.

Responsibilities Include:

- ◆ Create presentations and educational material to be presented to producer groups and companies and other meetings throughout the state of Oklahoma.
- ◆ Assisting in pesticide surveys from homeowners and individuals in the pesticide industry.
- ◆ Research and update records of chemicals under review by EPA (Environmental Protection Agency).
- ◆ Data collection, entry, and analyzing.
- ◆ Presenting findings of surveys and research information to producer groups and companies throughout the state.
- ◆ Modified existing assessment on pesticide use by private applicators in Oklahoma and presented findings at Southwest Branch Meeting of the Entomological Society of America in February of 2000.

Publications:

Pesticide Storage and Handling Practices of Oklahoma Agriculture Producers Survey, Seuhs, New, and Criswell, 1999.

9/91-12/93; Seasonal contract laborer for USDA Inspection Service, Plant Products Division. Commodities Grader.

Responsibilities Include:

- ◆ Assist head grader in collecting, grading, and data processing for peanuts sold at stations located in southwest Oklahoma.

