

Abbreviated Curriculum Vitae for Dr. Shawn P. Conley

Dr. Shawn P. Conley is a Professor of Agronomy and the State Soybean and Small Grain Specialist at the University of Wisconsin, Madison. Dr. Conley's research goal is to generate science based solutions to address real world problems in soybean and small grain production. This knowledge is then integrated and delivered through his Extension program. Dr. Conley has authored or co-authored 91 refereed journal articles and has spoken at 710 events and to nearly 53,000 clients since beginning his academic career and has been awarded >\$5.6M during his academic career. Dr. Conley's commitment to agriculture and the Wisconsin Idea has also led him to coauthor a children's book entitled "Coolbean the Soybean". For more information on Dr. Conley's program please visit www.coolbean.info or follow him on Twitter @badgerbean.

Formal education:

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| ○ Ph.D., Horticulture | University of Wisconsin, Madison | 2001 |
| ○ M.S., Horticulture | University of Wisconsin, Madison | 1999 |
| ○ B.S., Agronomy | University of Wisconsin, Madison | 1996 |

Positions held:

- July 2013-present. Professor, State Extension Specialist: Soybean and Small Grain Production Systems, University of Wisconsin, Madison (40% research; 60% Extension)
- July 2009-present. Associate Professor, State Extension Specialist: Soybean and Small Grain Production Systems, University of Wisconsin, Madison (40% research; 60% Extension)
- Aug. 2007- June 2009. Assistant Professor, State Extension Specialist: Soybean and Small Grain Production Systems, University of Wisconsin, Madison (40% research; 60% Extension)
- Oct. 2004-July 2007. Assistant Professor, State Extension Specialist: Soybean Production Systems, Purdue University (35% research; 65% Extension)
- Sept. 2001-Sept. 2004. Assistant Professor, State Extension Specialist: Cropping Systems, University of Missouri, Columbia (30% research; 70% Extension)

Honors and Awards (Since 2015)

- 2017 ASA Educational Materials Awards Program Certificate of Excellence (Publications < 16 pages). Grain Management Considerations in Low-Margin Years. Francisco J. Arriaga, Shawn P. Conley*, Bryan M. Jensen, Carrie A.M. Laboski, Joe G. Lauer, Brian D. Luck, Paul D. Mitchell, and Damon L. Smith. University of Wisconsin
- 2017 ASA Educational Materials Awards Program Certificate of Excellence (Audio Visuals). Grain Management Considerations in Low-Margin Years. Francisco J. Arriaga, Shawn P. Conley*, Bryan M. Jensen, Carrie A.M. Laboski, Joe G. Lauer, Brian D. Luck, Paul D. Mitchell, and Damon L. Smith. University of Wisconsin
- 2016 CALS ARS Recognition Award for Excellence in Research
- 2016 ASA Educational Materials Awards Program Certificate of Excellence (Publications < 16 pages). Using High-Input Systems for Soybean Management Increases Yield but Not Profitability. David A. Marburger, John M. Orłowski, Bryson J. Haverkamp, Randall G. Laurenz, Eric W. Wilson, Shaun N. Casteel, Seth L. Naeve, Emerson D. Nafziger, Kraig L. Roozeboom, William J. Ross, Kurt D. Thelen, Chad D. Lee, and Shawn P. Conley

- 2015 CALS Pound Extension Award

Published manuscripts (Manuscript titles listed from 2017)

1. ‡Lund, M.E., S. Mourtzinis, **S.P. Conley**, J. Ané. 2018. Soybean Cyst Nematode Control with *Pasteuria nishizawae* Under Different Management Practices. *Agron. J.* doi: 10.2134/agronj2018.05.0314.
2. ‡Mourtzinis, S., B. Borg, S. Naeve, J. Osthus, and **S.P. Conley**. 2018. Characterizing soybean meal value variation across the US: a swine case-study. *Agron. J.* doi:10.2134/agronj2017.11.0624
3. Willbur, J. F., Fall, M. L., Byrne, A. M., Chapman, S. A., McCaghey, M. M., Mueller, B. D., Schmidt, R., Chilvers, M. I., Mueller, D. S., Kabbage, M., Giesler, L. J., **Conley, S. P.**, and Smith, D. L. 2018. Validating *Sclerotinia sclerotiorum* apothecial models to predict *Sclerotinia* stem rot in soybean (*Glycine max*) fields. *Plant Dis.* <https://doi.org/10.1094/PDIS-02-18-0245-RE>
4. Korres, N.E., J.K. Norsworthy, B.G. Young, D.B. Reynolds, W.G. Johnson, **S.P. Conley**, R.J. Smeda, T.C. Mueller, M. Loux, G.R. Kruger, and M.V. Bagavathiannan. 2018. Seedbank persistence of *Amaranthus palmeri* (Palmer amaranth) and *Amaranthus tuberculatus* (tall waterhemp) across diverse geographical regions in the United States. *Weed Sci.* <https://doi.org/10.1017/wsc.2018.27>
5. ‡Gaspar, A., C. Laboski, S. Naeve, and **S.P. Conley**. 2018. Secondary and Micronutrient Uptake, Partitioning, and Removal across a Wide Range of Soybean Seed Yield Levels. *Agronomy Journal.* doi:10.2134/agronj2017.12.0699
6. Esker, P., D. Shah, C. Bradley, **S.P. Conley**, P. Paul, and Alison Robertson. 2018. Perceptions of Midwestern Crop Advisors and Growers on Foliar Fungicide Adoption and Use in Maize. *Phytopathology.* <https://apsjournals.apsnet.org/doi/pdfplus/10.1094/PHTO-10-17-0342-R>
7. Herrmann, I, ‡S. Vosberg, P. Ravindran, A. Singh, H. Chang, M. Chilvers, **S.P. Conley**, P. Townsend. 2018. Leaf and Canopy Level Detection of *Fusarium Virguliforme* (Sudden Death Syndrome) in Soybean. *Remote Sensing.* doi:10.3390/rs10030426
8. ‡Mourtzinis, S., J.I. Rattalino Edreira, P. Grassini, A. Roth, S. Casteel, I. Ciampitti, H. Kandel, P. Kyveryga, M. Licht, L. Lindsey, D. Mueller, E. Nafziger, S. Naeve, J. Stanley, M. Staton, **S.P. Conley**. 2018. Sifting and winnowing: analysis of farmer field data for soybean in the US North-Central region. *Field Crops Res.* <https://doi.org/10.1016/j.fcr.2018.02.024>
9. ‡Marburger, D.A., Willbur, J.F., Weber, M.E., Ané, J.M., Kabbage, M., **Conley, S.P.**, and Smith, D.L. 2018. Characterizing the Effect of Foliar Lipo-chitooligosaccharide Application on Sudden Death Syndrome and *Sclerotinia* Stem Rot in Soybean. *Plant Health Prog.* doi:10.1094/PHP-10-17-0058-RS
10. Kandel, Y. R., McCarville, M., Adee, E. A., Bond, J. P., Chilvers, M. I., **Conley, S. P.**, Giesler, L. J., Kelly, H. M., Malvick, D. K., Mathew, F. M., Rupe, J. C., Sweets, L. E., Tenuta, A. U., Wise, K. A., and Mueller, D. S. 2017. Benefits of fluopyram addition to the base seed treatment for suppressing sudden death syndrome and increasing soybean yield: A meta-analysis. *Plant Disease.* <http://dx.doi.org/10.1094/PDIS-10-17-1540-RE>
11. ‡Mourtzinis, S., J. Gaska, T. Diallo, J.G. Lauer, and **S.P. Conley**. 2017. Residual Variability Effects of Three Management Practices on Corn, Soybean, and Wheat Grain Yield. *Agron J.* doi: 10.2134/agronj2017.05.0254
12. ‡Mourtzinis, S., G. Kaur, J. Orlowski, C. Shapiro, C. Lee, C. Wortmann, D. Holshouser, E. Nafziger, H. Kandel, J. Niekamp, J. Ross, J. Lofton, J. Vonk, K. Roozeboom, K. Thelen, L.

- Lindsey, M. Staton, S. Naeve, S. Casteel, W. Wiebold, **S.P. Conley**. 2017. Soybean Response to Nitrogen Application Across the United States: A synthesis-analysis. *Field Crops Res.* doi.org/10.1016/j.fcr.2017.09.035
13. ‡Hammer, D.J., D.E. Stoltenberg, J. Colquhoun, and **S.P. Conley**. 2017. Has Soybean Breeding Improved its Competitiveness with Weeds? *Weed Sci.* doi.org/10.1017/wsc.2017.60
 14. ‡Marburger, D.A., D.L. Smith, and **S.P. Conley**. 2017. Impact of *Fusarium graminearum* on early-season soybean growth and seed yield under field conditions. *Canadian Journal of Plant Pathology.* dx.doi.org/10.1080/07060661.2017.1378727
 15. Juan Ignacio Rattalino Edreira, S. Mourtzinis, **S.P. Conley**, A.C. Roth; I.A. Ciampitti, M. A. Licht, H. Kandel, P.M. Kyveryga, L.E. Lindsey, D.S. Mueller, S.L. Naeve, E. Nafziger, J.E. Specht, J. Stanley; M.J. Staton, P. Grassini. 2017. Assessing causes of yield gaps in agricultural areas with diversity in climate and soils. *Agricultural and Forest Meteorology.* dx.doi.org/10.1016/j.agrformet.2017.07.010
 16. ‡Vosberg, S, D.A. Marburger, D.L. Smith, and **S.P. Conley**. 2017. Planting Date, Cultivar, and Fluopyram Seed Treatment Effect on Soybean Sudden Death Syndrome and Yield. *Agron. J.* doi:10.2134/agronj2017.04.0232
 17. ‡Mourtzinis, S., A. Gaspar, S. Naeve, and **S.P. Conley**. 2017. Planting Date, Maturity, and Temperature Effects on Soybean Seed Yield and Composition *Agron. J.* doi:10.2134/agronj2017.05.0247
 18. ‡Gaspar, A., C. Laboski, S. Naeve, and **S.P. Conley**. 2017. Dry Matter and Nitrogen Uptake, Partitioning, and Removal across a Wide Range of Soybean Seed Yield Levels. *Crop Sci.* doi: 10.2135/cropsci2016.05.0322
 19. ‡Gaspar, A., C. Laboski, S. Naeve, and **S.P. Conley**. 2017. Phosphorus and Potassium Uptake, Partitioning, and Removal across a Wide Range of Soybean Seed Yield Levels. *Crop Sci.* doi: 10.2135/cropsci2016.05.0378
 20. ‡Mourtzinis, S. and **S.P. Conley**. 2017. Delineating Optimal Soybean Maturity Groups Across the US. *Agron. J.* doi:10.2134/agronj2016.10.0581.
 21. ‡Gaspar, A.P, D.S. Mueller, K.A. Wise, M.I. Chilvers, A.U. Tenuta, **S.P. Conley**. 2017. Response of Broad Spectrum and Target Specific Seed Treatments and Seeding Rate on Soybean Seed Yield, Profitability, and Economic Risk across Diverse Environments. *Crop Sci.* doi: 10.2135/cropsci2016.11.0967
 22. ‡Mourtzinis, S., D. Marburger, J. Gaska, T. Diallo, J.G. Lauer, and **S.P. Conley**. 2017. Corn and Soybean Yield Response to Tillage, Rotation, and Nematicide Seed Treatment. *Crop Sci.* doi:10.2135/cropsci2016.09.0792
 23. ‡Mourtzinis, S., D. Marburger, J. Gaska, T. Diallo, J.G. Lauer, and **S.P. Conley**. 2017. Corn, Soybean, and Wheat Yield Response to Crop Rotation, Nitrogen Fertilization, and Foliar Fungicide Use. *Crop Sci.* doi:10.2135/cropsci2016.10.0876.

‡Denotes research conducted by my graduate student or Post Doc.