

SERA3 2024 Report References

S.K. Seuhs, 2024. Evaluating Efficacy of Stubble - Applied Insecticide Treatments for Alfalfa Weevil Control in Oklahoma. *Journal of NACAA*, Vol 17, Issue 2. December 2024.

S.K. Seuhs, 2024. Evaluating Efficacy Using an Insecticide Synergist for Control of Alfalfa Weevil Larvae, 2024. *Arthropod Management Tests*, (Accepted December 20, 2024).

Faris, A.M., M.R. Duffeck, J.D. Olson, A.S. Espindola, L. Muller, S.E. Velasco, and J.M. Zambiasi. 2024. First Report of *Dalbulus maidis* (DeLong and Wolcott) (Hemiptera: Cicadellidae) in Oklahoma. *Insects*, 15(11), 778. <https://doi.org/10.3390/insects15100778>.

Bradicich, P.A., A.M. Faris, J.W. Gordy, and M.J. Brewer. 2024. Natural Increases in Parasitoid and Predator Abundances and a Shift in Species Dominance Point to Improved Suppression of the Sorghum Aphid Since its Invasion into North America. *Insects*, 15(12), 958. <https://doi.org/10.3390/insects15120958>.

Tessnow, A.E., R.N. Nagoshi, R.L. Meagher, T.M. Gilligan, B.M. Sadd, Y. Carriere, H.N. Davis, S.J. Fleischer, K. Richers, J.C. Palumbo, P. Porter, J.C. Verle Rodrigues, and G.A. Sword. Genomic patterns of strain-specific genetic structure, linkage, and selection across fall armyworm populations. *BMC Genomics*, accepted 1/6/2025.

Reisig, D., Graham, S., Bateman, N., Studebaker, G., Meyer, R., Reay-Jones, F., ... Bick, E. (2024). Corn Invertebrate Loss Estimates from the United States and Ontario, Canada — 2023. *Crop Protection Network*.

Frank, D. L. and S. B. Wycoff. 2024. Identifying integrated pest management resource needs among Virginia Master Gardeners. *Journal of Integrated Pest Management*. 15: pmae022 (doi.org/10.1093/jipm/pmae022).

Gura, W. P., J. Gelain, and G. Schnabel 2024. Influence of preharvest polyoxin-D applications with or without spray oils on brown rot development and tree health of peach. *Plant Health Progress* <https://doi.org/10.1094/PHP-09-23-0075-RS>.

Gura, W., G. Schnabel, J. Gelain, and J. Hopkins 2024. Efficacy of biorational fungicides programs for control of brown rot in peach, 2023. *PDMR* 18:PF039.

Keinath, A. P. 2023. Congruent and differential responses of *Pseudoperonospora cubensis* clades 1 and 2 to downy mildew fungicides. *Plant Health Progress* 24(4):405-410. <https://doi.org/10.1094/PHP-01-23-0007-SC>. NIFA support acknowledged.

Keinath AP, Rennberg G, DuBose VB, Zardus SH, Rollincs PA. 2023. *Fusarium oxysporum* f. sp. *vasinfectum* Identified on Okra in South Carolina, United States. *Plant Health Progress*. 24(1): 110-111.

Reay-Jones, F.P.F., G. D. Buntin, D. D. Reisig, and W. C. Bridges, Jr. 2024. Longitudinal trials illustrate interactive effects between declining Bt efficacy against *Helicoverpa zea* and planting dates of corn. *Journal of Economic Entomology*. 117(5): 1901-1912.

Bryant, T., J. K. Greene, D.D. Reisig, and F.P.F. Reay-Jones. 2024. Continued decline in sublethal effects of Bt toxins on *Helicoverpa zea* (Lepidoptera: Noctuidae) in field corn. *Journal of Economic Entomology*. 117(5): 1876-1883.

Levinson, J., D. Lamie, M. Vassalos, C. Eck, J.-H. Chong, F.P.F. Reay-Jones. 2024. An exploration of learning and teaching methods in agricultural extension. *The Journal of Extension*. 61(4): 14.

Bryant, T., J. K. Greene, D. Reisig, and F.P.F. Reay-Jones. 2024. Grower perceptions and adoption of IPM and non-Bt refuge in field corn: a survey in North and South Carolina. *Journal of Integrated Pest Management*. 15(1): 1-12.
<https://doi.org/10.1093/jipm/pmad030>

Renfroe-Becton, H., Croft, J., Davis, C., Varn, J., Culbreath, A.K., Langston, D.B., and Anco, D.J. 2023. Phenotypic fungicide resistance and cross-resistance among *Nothopassalora personata* populations. *PhytoFrontiers*.
<https://doi.org/10.1094/PHYTOFR-10-23-0137-R> (NIFA support acknowledged)

Lunde, C., Seong, K., Kumar, R., Deatker, A., Chhabra, B., Wang, M., Kaur, S., Song, S., Palayur, A., Davies, C. and Cumberlich, W., Gill, U., Rawat, N., Chen, X., Aoun, M., Mundt, C., Dubcovsky, J., Krasileva, K.V. 2024. Durum wheat mutants with enhanced disease resistance to stripe rust show differential response to fungal pathogens. *Molecular Breeding* (IF = 2.7; accepted).
<https://doi.org/10.1101/2024.05.10.593581> (preprint on BioRxiv).

Friskop, A. J., Sisson, A. J., Allen, T. W., Anderson-Onofre, K. F., Aoun, M., Bergstrom, G. C., Bissonnette, K. M., Bowen, K. L., Bradley, C. A., Burrows, M. E., Byamukama, E., Chilvers, M. I., Collins, A. A., Cowger, C., De Wolf, E. D., Dill-Macky, R., Esker, P. D., Faske, T. R., Hunger, R. M., Kelly, H. M., Kleczewski, N. M., Koehler, A. M., Langston, D. B., Marshall, J. M., Martinez-Espinoza, A. D., McKelvey, U., Mehl, H. L., Meyer, R. F., Obasa, K., Padgett, G. B., Paul, P. A., Price, P. P., Smith, D. L., Telenko, D. E. P., Tenuta, A. U., Wegulo, S. N., and Wiersma, J. J. 2024. Wheat yield reduction and economic loss caused by plant disease from 2018 through 2021. *Plant Health Progress*. PHP-09-24-0087-RS (IF = 2.3; accepted).

Lakkakula, I.P., Kolmer, J.A., Sharma, R., St. Amand, P., Bernardo, A., Bai, G., Ibrahim, A., Bowden, L.B., Carver, B.F., and Aoun, M*. 2024. Identification of leaf rust resistance loci in hard winter wheat using genome-wide association mapping. TPG-2024-09-0200. *The Plant Genome* (IF = 3.9; accepted).
<https://doi.org/10.1101/2024.10.09.617432> (preprint on BioRxiv).

Bonjour, E.L. and C.L. Jones. 2024. Safety during fumigation. In: Jayas, D.S. (ed.), Control and management of pests in stored products (pp. 616-636). CRC Press.

Lastovica, P., B. Dunn, T. Mason, and E. Bonjour. 2024. Managing squash bug populations through identification and control. Oklahoma Cooperative Extension Service, Fact Sheet, HLA-6040.

Jibrin MO, Olson J, Wallace S, Walker N, Marek SM. (2024). First Report of *Candidatus phytoplasma asteris*-related strains (subgroup 16Srl-A) Associated with Aster Yellows on Chrysanthemums in Oklahoma. Plant Dis. doi: 10.1094/PDIS-03-24-0693-PDN.

Pierre K, Liu Q, Jibrin MO, Jones JB, Zhang S. Potential of Small Molecules Piperidine and Pyrrolidine Against Copper-Resistant *Xanthomonas perforans*, Causal Agent of Bacterial Spot of Tomato. Plant Dis. 2024 Oct 25. doi: 10.1094/PDIS-04-24-0929-RE.

Jibrin MO, Sharma A, Mavian CN, Timilsina S, Kaur A, Iruegas-Bocardo F, Potnis N, Minsavage GV, Coutinho TA, Creswell TC, Egel DS, Francis DM, Kebede M, Miller SA, Montelongo MJ, Nikolaeva E, Pianzzola MJ, Pruvost O, Quezado-Duval AM, Ruhl GE, Shutt VM, Maynard E, Maeso DC, Siri MI, Trueman CL, Salemi M, Vallad GE, Roberts PD, Jones JB, Goss EM. Phylodynamic Insights into Global Emergence and Diversification of the Tomato Pathogen *Xanthomonas hortorum* pv. *gardneri*. Mol Plant Microbe Interact. 2024 Oct;37(10):712-720. doi: 10.1094/MPMI-04-24-0035-R.

Timilsina, S.; Fernanda Iruegas-Bocardo, Mustafa O. Jibrin, Anuj Sharma, Aastha Subedi, Gerald V. Minsavage, Jose Huguet-Tapia, Jeannie Klein-Gordon, Pragya Adhikari, Tika B. Adhikari, Gabriella Cirvilleri, Laura Belen Tapia de la Barrera, Eduardo Bernal, Tom C. Creswell, Doan Thi Kieu Tien, Teresa A. Coutinho, Daniel S. Egel, Rubén Félix-Gastélum, David M. Francis, Misrak Kebede, Melanie Lewis Ivey, Frank J. Louws, Laixin Luo, Elizabeth T. Maynard, Sally A. Miller, Nguyen Thi Thu Nga, Ebrahim Osdaghi, Alice M. Quezado-Duval, Rebecca Roach, Francesca Rotondo, Gail E. Ruhl, Vou M. Shutt, Petcharat Thummabenjapone, Cheryl Trueman, Pamela D. Roberts, Jeffrey B. Jones, Gary E. Vallad, Erica M. Goss (2024). Intercontinental dissemination and diversification of *Xanthomonas perforans* in tomato production. bioRxiv 2024.03.22.585974; doi: <https://doi.org/10.1101/2024.03.22.585974> (Submitted to PLoS Pathogens).

Anderson, N. R., P. Price, et al. 2024. Sensitivity of the causal agent of northern leaf blight of corn, *Exserohilum turcicum*, to the demethylase-inhibiting fungicide flutriafol. Plant Health Progress. Ahead of Print. <https://doi.org/10.1094/PHP-11-23-0098-RS>.
Contributing Author

Hanna, E. A., C. E. Astete, T. Price, C. Tamez, O. E. Mendez, A. Garcia, F. V. Kewir, J. C. White, and C. M. Sabliov. 2024. Antifungal efficacy of nanodelivered azoxystrobin against *Rhizoctonia solani* in soybean (*Glycine max*). Agricultural Science and

Technology. <https://doi.org/10.1021/acsagscitech.3c00469>. Contributing Author, Student Paper

Koebernick, J. C.,...P. Price, et al. 2024. Monitoring the distribution, incidence, and symptom expression associated with cotton leafroll dwarf virus in the southern United States using a sentinel plot system in the southern united states. *PhytoFrontiers*. First Look. <https://apsjournals.apsnet.org/doi/10.1094/PHYTOFR-02-24-0008-R>. Contributing Author

Miller, D.K., Campos, P., Copes, J.T., Netterville, M., Brown, S., Price, P.P., Moseley, D.O., Gentimis, T., Egbedi, P., & Parvej, M.R. 2024. Influence of fungicide on soybean seed quality from delayed harvest and environment. *Crop, Forage & Turfgrass Management*, e70002. <https://doi.org/10.1002/cft2.70002>. Contributing Author

Patel, J., P. Price, et al. 2024. Deciphering genetic factors contributing to enhanced resistance against *Cercospora* leaf blight in soybean (*Glycine max* L.) using GWAS analysis. *Frontiers in Genetics*. <https://doi.org/10.3389/fgene.2024.1377223>.

Rodriguez-Herrera, K. D., A. Vargas, J. Amie, P. Price, L. D. Salgado, V. P. Doyle, J. K. Richards, D. Moseley, A. Rojas, and S. Thomas-Sharma. 2024. Development of a greenhouse assay to screen soybean varieties for resistance to aerial blight caused by *Rhizoctonia solani* anastomosis group 1-IA. *Phytopathology*. 14:1039-1049. <https://doi.org/10.1094/PHYTO-10-23-0390-KC>. Contributing Author, Student Paper

Shrestha, B. K.*, B. M. Ward, T. W. Allen*, E. T. da Silva, H. Zulli, W. Dunford, V. Doyle*, C. A. Bradley, B. Buckley, P. Chen, M. Clubb, H. Kelly, J. Koebernick, B. Padgett, J. C. Rupe, E. J. Sikora, T. N. Spurlock, S. Thomas-Sharma, A. Tolbert, X. Zhou, and P. Price*. 2024. Characterization of Qol-fungicide resistance in *Cercospora* isolates associated with *Cercospora* leaf blight of soybean from the southern United States. *Plant Dis*. 108:149-161. <https://doi.org/10.1094/PDIS-03-23-0588-RE>. *Share equal contributions. Post Doc Paper, Corresponding Author

Jung, T., Singh, R., Horta Jung, M. 2024. Worldwide forest surveys reveal forty-three new species in *Phytophthora* major Clade 2 with fundamental implications for the evolution and biogeography of the genus and global plant biosecurity. *Studies in Mycology* 107: 251-388. <https://www.studiesinmycology.org/sim/Sim107/Vol107Art4.pdf>

Legan, Andrew W., Carson W. Allan, Zoe N. Jensen, Benjamin A. Degain, Fei Yang, David L. Kerns, Kyle M. Benowitz, et al. 2024. "Mismatch between Lab-Generated and Field-Evolved Resistance to Transgenic Bt Crops in *Helicoverpa Zea*." *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA* 121: e2416091121. [Impact Factor: 9.581666667]
Gray, Danielle D., Stephen Biles, Lina Bernaola, D Tyler Mays, Wade Walker, Tyler Towles, David Kerns, and Dalton C. Ludwick. 2024. "Oebalus Pugnax (Hemiptera:

Pentatomidae) Resistance to Lambda-Cyhalothrin in Texas and Efficacy of 2 Alternative Insecticides in Grain Sorghum.” *Journal of Economic Entomology* 117 (October): 2060.

Calvin, Wilfrid, Jeffrey Gore, Jeremy Greene, Lindsey Perkin, and David L. Kerns. 2024. “Potential for Grain Sorghum as a Trap and Nursery Crop for *Helicoverpa Zea* and Its Natural Enemies and Dissemination of HearNPV into Cotton.” *Agronomy-Basel* 14 (Spring). [Impact Factor: 1.839]

Arthur, Brady P., Charles P.-C. Suh, Benjamin M. McKnight, Megha N. Parajulee, Fei Yang, Thomas M. Chappell, and David L. Kerns. 2024. “Evaluation of Cotton Fleahopper (*Pseudatomoscelis Seriatum* (Reuter)) Feeding on Mpp51Aa2-Traited Cotton Utilizing Electrical Penetration Graph (EPG) Waveforms.” *Insects* 15 (January). [Impact Factor: 1.9935]

North, Henry L., Zhen Fu, Richard Metz, Matt A. Stull, Charles D. Johnson, Xanthe Shirley, Kate Crumley, et al. 2024. “Rapid Adaptation and Interspecific Introgression in the North American Crop Pest *Helicoverpa Zea*.” *Molecular Biology and Evolution* 41 (Autumn): msae129.

Koebernick, J. C., A. K. Hagan, M. Zaccaron, C. Escalante, A. L. Jacobson, K. L. Bowen, A. Strayer-Scherer, et al. 2024. “Monitoring the Distribution, Incidence, and Symptom Expression Associated with Cotton Leafroll Dwarf Virus in the Southern United States Using a Sentinel Plot System.” *PhytoFrontiers*, Summer, PHYTOFR – 02–24 – 0008 – R.

Yang, Fei, Graham P. Head, Dawson D. Kerns, Juan Luis Jurat-Fuentes, Jose C. Santiago-Gonzalez, and David L. Kerns. 2024. “Diverse Genetic Basis of Vip3Aa Resistance in Five Independent Field-Derived Strains of in the US.” *Pest Management Science* 80 (Spring): 2796.

Calvin, Wilfrid, Fei Yang, Haley Kennedy, Paula G. Maron, and David L. Kerns. 2024. “Susceptibility of Field and Laboratory Bt-Susceptible and Resistant Strains of *Helicoverpa Zea* (Boddie) to HearNPV.” *Plants-Basel* 13. [Impact Factor: 2.632]

Vyavhare, Suhas, David Kerns, and Jane Pierce. 2024. “Ecology, Biology, and Management of Conchuela Stink Bug (Hemiptera: Pentatomidae) in Texas High Plains Cotton.” *Journal of Integrated Pest Management* 15 (Spring): 12. [Impact Factor: 2.333]

Musser, Fred, Emily Bick, Sebe Brown, Whitney Crow, Jeff Davis, Christina DiFonzo, Chase Floyd, et al. 2024. “2023 Soybean Insect Losses in the United States.” *Midsouth Entomologist*, July. Starkville, MS: Mississippi State University, 6–30. <https://www.midsouthentomologist.org.msstate.edu/>

Vyavhare, Suhas S., David Kerns, and Jane Pierce. 2024. “Conchuela Stink Bug

(Hemiptera: Pentatomidae) Ecology, Biology and Management in Texas High Plains Cotton.” Journal of Integrated Pest Management. [Impact Factor: 2.333]

Reisig, Dominic, Scott Graham, Nick Bateman, Glenn Studebaker, Ron Meyer, Francis Reay-Jones, Ken Wise, et al. 2024. “Corn Invertebrate Loss Estimates from the United States and Ontario, Canada — 2023.” Crop Protection Network, February. Crop Protection Network.

List of 114 faculty members was provided, publications listed by name in UF/IFAS Directory (<https://ifas.ufl.edu/>). Thesis/Dissertations at the Marston Science Library after one year (<https://marston.uflib.ufl.edu/>). Extension publications are in EDIS (<https://blogs.ifas.ufl.edu/edis/>).

Ashbrook, A.R., Schwarz, M., Schal, C., Mikaelyan, A. 2024. Lethal disruption of the bacterial gut community in Eastern subterranean termite caused by boric acid. Journal of Economic Entomology. <https://doi.org/10.1093/jee/toae221>

Ashbrook A.R., J.L. Feder, G.W. Bennett, M.D. Ginzel, and A.D. Gondhalekar. 2024. Lethal and sublethal heat exposure of bed bugs (*Cimex lectularius* L.) causes alarm pheromone emission and elicits a movement response in nearby recipients. Scientific Reports. doi: 10.1038/s41598-024-57925-y

Awuni, G. A., J. Gore, M. Tomaso-Peterson, T. W. Allen, D. R. Cook, and F. R. Musser. 2024. Duration of rice stink bug, *Oebalus pugnax* (F.) infestation impacts the milk stage of panicle development. Cogent Food & Agriculture 10(1). <https://doi.org/10.1080/23311932.2024.2368254>.

Paul, T. G., A. L. Catchot, F. R. Musser, P. Chakrabarti, and S. F. Ward. 2024. Overwintering site selection and associated microclimates for the redbanded stink bug (Hemiptera: Pentatomidae), a non-native pest of soybean. Environ. Entomol. 53(2): 277-287. <https://doi.org/10.1093/ee/nvae001>

Mueller, D. S., A. J. Sisson, B. Eide, T. Allen, C. Bradley, T. R. Faske, A. J. Friskop, K. S. Lawrence, F. Musser, D. Reisig, A. Tenuta, and K. A. Wise. 2024. Field crop yield loss calculator for disease and invertebrate pests: an online tool from the Crop Protection Network. PhytoFrontiers <https://doi.org/10.1094/PHYTOFR-08-23-0109-A>.

Webster LC, SY Rustom, EP Webster, SB Stoker (2024) Early Season Weed Management Options in Water-seeded Rice Production. Weed Technol. In Press.

Miller DK, JA Bond, TR Butts, LC Webster, KB Kouame (2024) Impact of Reduced Rates of Tiafenacil at Vegetative Growth Stages of Rice (*Oryza sativa* L.) Growth and Yield. Weed Technol. In Press.

Linscombe SD, B Angira, EP Webster, LC Webster, DL Harrell, DE Growth, F Dalla Lana, RE Zaunbrecher, V Dartez, B Williams, B Theunissen, Famoso AN (2024)

Registration of 'CLL17' Rice. Journal of Plant Registrations. In press.

Linscombe SD, B Angira, EP Webster, LC Webster, DL Harrell, DE Growth, F Dalla Lana, RE Zaunbrecher, V Dartez, B Williams, B Theunissen, Famoso AN (2024) Registration of 'PVL03' Rice. Journal of Plant Registrations. In press.

Wedger, Marshall; Xiao, Evan; Butts, Thomas; Chlapecka, Justin; Webster, L.; Olsen, Kenneth (2024) Recent crop-to-weed adaptive introgression has reshaped the genomic composition and geographical structure of US weedy rice. Molecular Ecology

Angira, Brijesh; Webster, Connor; Kongchum, Manoch; Dalla Lana, Felipe; Wilson, Blake; Zaunbrecher, Rick; Dartez, Valerie; Williams, Brady; Theunissen, Brent; Famoso, Adam (2024) Registration of 'Addi Jo' Rice. Journal of Plant Registrations

Angira, Brijesh; Linscombe, Steve; Webster, Connor; Kongchum, Manoch; Dalla Lana, Felipe; Wilson, Blake; Zaunbrecher, Rick; Dartez, Valerie; Williams, Brady; Theunissen, Brent; Famoso, Adam (2024) Registration of 'Avant' Rice. Journal of Plant Registrations

Foote, E., D. Jordan, A. Gorny, J. Dunne, L. Lux, D. Ahumada, B. Shew, R. Brandenburg, and W. Ye. 2024. "Influence of cropping sequence and tillage on plant parasitic nematode and peanut (*Arachis hypogaea*) response to fluopyram applied at planting," Multidisciplinary Digital Publishing Institute 14(4): 875.

Ahumada, D.H., M.F. Lainfiesta Palomo¹, and M. Phillips.² 2024. "Evaluation of cotton foliar fungicides against target spot and areolate mildew in North Carolina, 2024." Plant Health Progress.

Ahumada, D.H., and M.F. Lainfiesta Palomo¹. 2024. "Black Shank Official Variety Test, Edgecombe County, North Carolina, 2024." Plant Health Progress.
Ahumada, D.H., M.C. Vann³, B. Spivey⁴, and N. Harrel⁴. 2024. "Evaluation of tobacco fungicides and application methods against black shank in North Carolina, 2024." Plant Health Progress.

Paudel, S., R. Valverde, and J. A. Davis. 2024. Bell pepper endornavirus alters green peach aphid (Hemiptera: Aphididae) host choice and population dynamics. J. Econ. Entomol. <https://doi.org/10.1093/jee/toae256>

Sisson, A., F. Musser, W. Crow, E. Bick, S. Brown, J. A. Davis, C. DiFonzo, C. Floyd, S. H. Graham, J. K. Greene, K. Hamby, D. Kerns, S. Malone, D. Owens, D. D. Reisig, P. Roberts, N. J. Seiter, B. Thrash, K. Tilmon, and R. T. Villanueva. 2024. Soybean invertebrate loss estimates from the United States – 2023. Crop Protection Network. CPN 1029-23. <https://cropprotectionnetwork.org/publications/soybean-invertebrate-loss-estimates-from-the-united-states-2023>

Musser, F. R., E. Bick, S. Brown, W. Crow, J. A. Davis, C. DiFonzo, C. Floyd, S. H. Graham, J. K. Greene, K. Hamby, D. Kerns, S. Malone, D. Owens, D. D. Reisig, P. Roberts, N. J. Seiter, B. Thrash, K. Tilmon, and R. T. Villanueva. 2024. 2023 Soybean insect losses in the United States. *MidSouth Entomol.* 17: 6-30.

Keyser, C. A., F. S. Walters, H. Turner, E. Armstrong, J. Davis, B. Bissinger, B. Johnson, A. Alajo, P. Musana, J. Odongo, B. Yada, and M. A. Otema. 2024. Tailoring IPM plans to fight a cloaked pest: helping smallholder farmers combat the sweetpotato weevil in sub-Saharan Africa. *CABI Agric. Biosci.* 5:28.
<https://doi.org/10.1186/s43170-024-00231-4>.

Tomato yellow leaf curl virus: an emerging virus of tomatoes in Tennessee, University of Tennessee Institute of Agriculture, SP 1044, FACTSHEET

Bielski, J., D. Pfeiffer, R. Ochoa and A. Ulsamer. 2024. New state records of *Aculops ailanthi* (Lin, Jin, and Kuang) (Acariformes: Trombidiformes: Prostigmata: Eriophyidae), in USA; a pest or biological control agent of *Ailanthus altissima* (Mill.) Swingle? *Proc. Entomol. Soc. Wash.* 126(1): 1-7.

Hagen, A., C. Kroehler, M. DeNunzio, Y.-X. Goh, K. Burke, C. Hockman, P. Vayda, N. Bracci, M. Pagani, D. Good, D. Pfeiffer, E. Allen and P. Raun. in press. Tapping into the success of Science on Tap New River Valley: Lessons learned from seven years of a community-centered science outreach program.

PMSP: https://ipmdata.ipmcenters.org/source_report.cfm?view=yes&sourceid=2489
PMSP Release announcement: <https://strawberries.ces.ncsu.edu/2024/12/pest-management-strategic-plan-for-strawberry-in-the-southeast/>

Foster M.R., Orgeron A.J., Jha P., Spaunhorst D.J., Wright A.A. 2025. Low carryover risk of late-season soybean herbicides to newly planted sugarcane. *Weed Technol.* 39: 1-19. doi:10.1017/wet.2024.101.

Miller D.K., Barber T.L., Bond J.A., Steckel L.E., Stephenson IV D.O., Foster M.R., Butts T.R., Kouame KB-J. 2024. Response of corn to reduced rates of tiafenacil applied at vegetative growth stages. *Weed Technol.* 38: e78.
doi:10.1017/wet.2024.66.

Miller D.K., Barber T.L., Bond J.A., Steckel L.E., Stephenson IV D.O., Foster M.R., Butts T.R., Kouame KB-J. 2024. Impact of reduced rates of tiafenacil on early-season cotton (*Gossypium hirsutum* L.) growth and yield. *J. Cotton Sci.* 28: 1-7.

Faske, T.R., T. Watson, J. Desaeger, M.R. Duffeck, J. Eisenback, C. Floyd, Z. Grabau, A. Hajihassani, H. Kelly, R. Kemerait, K. Lawrence, J. Mueller, M. Smith, T. Wheeler & W. Yu. 2024. Summarized Distribution of the Reniform Nematode, *Rotylenchulus reniformis*, in Field Crops in the United States. *Plant Health Progress.*
<https://doi.org/10.1094/PHP-06-24-0059-BR>

Huang, F., Nui, Y., Song, Q., Stewart, S., Wilson, B., Head, G., Brown, S., Yu, W., Silva, T., Sakuno, C., and Lin, S. 2024. An extended investigation on allele frequency of resistance to Bt maize in the southwestern corn borer and sugarcane borer (Lepidoptera: Crambidae) in the mid-south region of the United States. *J. Crop. Prot.* 184.106842. <https://doi.org/10.1016/j.cropro.2024.106842>. Contributed insect collections and prepared manuscript.

Miller, D.K., Campos, P., Copes, J. T., Netterville, M., Brown. S., Price, P.P., Moseley, D.O., Genetimis, T., Egbedi, P., and Pravej. M.R. 2024. Influence of fungicide on soybean seed quality from delayed harvest and environment. *Crop For Turf Man.* 10:e70002. <https://doi.org/10.1002/cft2.70002>. Prepared and edited manuscript.

Gouveia BT, Kenworthy KE, Chandra A, Schwartz BM, Zhang J, Raymer PL, Wu Y, Pudzianowska M, Baird J, Miller GL, Unruh JB, Wherley BG, Martin DL, Moss JQ, Khanal S, Milla-Lewis, S. 2024. Enhancing drought resistance in warm-season turfgrasses: Fourteen years of progress through a multistate collaborative project across the southern United States. *Crop Sci.* <https://doi.org/10.1002/csc2.21393>
Hutchens, W. J., T. Q. Carr, A. J. Patton, C. A. Bigelow, E. J. DeBoer, J. M Goatley, D. L. Martin, D. S. McCall, G. L. Miller, J. S. Powlen, M. D. Richardson, M. Xiang. 2024. Management strategies for preventing and recovering from bermudagrass winterkill. *Crop, Forage and Turfgrass Management.* <https://doi.org/10.1002/cft2.20302>
Kenworthy, K., Quesenberry, K., Aldrich, K., Buhlman, J., Rios, E., Unruh, B., Harmon, P., Dale, A., Milla-Lewis, S., Schwartz, B., Raymer, P., Chandra, A., Wu, Y., Zhang, J., Wherley, B., Martin, D., Moss, J., Fontanier, C., & Miller, G. (2024). Registration of 'FSA1602' St. Augustinegrass. *Journal of Plant Registrations*, 18, 23–32. <https://doi.org/10.1002/plr2.20341>

Segars, Chrissie A., Justin Quetone Moss, Dennis L. Martin, Yanqi Wu, Niels O. Maness. 2024. Athletic field paint reduces carbohydrate content in bermudagrass. *Int. Turf. Res. J.* <https://doi.org/10.1002/its2.176>

Singh, S, Xiang M, Fontanier CH, Wu Y, Martin DL, Kajla A. 2024. Persistence and surface playability of nine bermudagrass cultivars under simulated fall traffic. *HortTechnology* 34(1):92-100. <https://doi.org/10.21273/HORTTECH05308-23>

Singh, S., Yu, S., Xiang, M., Fontanier, C. H., Wu, Y., Martin, D. L., & Kajla, A. (2024). Genetic Variability of Traffic Tolerance and Surface Playability of Bermudagrass (*Cynodon* spp.) under Fall Simulated Traffic Stress. *HortScience*, 59(1), 73-83. Retrieved Mar 4, 2024, from <https://doi.org/10.21273/HORTSCI17488-23>

Yu S, Fontanier CH, Yan L, Martin DL, Moss JQ, Wu Y. 2024. Genetic variability and QTL mapping of morphological traits and inflorescence prolificacy in African bermudagrass. *Crop Sci.* 64(3):1910-1927. <https://doi.org/10.1002/csc2.21227>

Martin, D.L., A. F. Payne, and David A. Gerken. 2024. 2023 Oklahoma Dept. of

Transportation Herbicide Program Report. Annual Project Status Report for FFY 2023. ODOT SP&R Item Number 2156 - Task 7. Oklahoma State University, Stillwater. 105 pages.

Martin, Dennis, Andrea Payne, David Gerken. 2025. A Suggested 2025 Revision to the ODOT Approved Herbicide and Adjuvant List. Annual Project Status Report for FFY 2024 Under ODOT SPR Item Number 2156 Task 4. January 2025. 29 pages.

Martin, Dennis, Andrea Payne, David Gerken. 2024. Evaluation of Herbicide and Adjuvant Tank Mix Compatibility. Annual Project Status Report For FFY 2024 Under ODOT SPR Item Number 2157 Task 2. Oklahoma State University. Stillwater. 30 pages.

Martin, D.L., A. F. Payne, and David A. Gerken. 2024. Implementation of Pesticide Applicator Certification Schools and Continuing Education Workshops. Annual Project Status Report for FFY 2024. ODOT SP&R Item Number 2156 - Task 1. Oklahoma State University. Stillwater. 18 pages.

Goncalves, C.G., J.R. Romero, E.B. de Castro, J.D. McCurdy, C. McKeithen, J.B. Unruh, K. Tang, J.E. Kaminski, and S.D. Askew. Non-synthetic herbicides evaluated for warm and cool season turfgrass tolerance and annual bluegrass (*Poa annua*) control. Accepted January 17, 2025, International Turfgrass Research Journal.

McCurdy, J.D., R.G. Bowling, E.B. de Castro, A.J. Patton, A.R. Kowalewski, C.M. Mattox, J.T. Brosnan, D.E. Ervin, S.D. Askew, C.G. Goncalves, M.T. Elmore, J.S. McElroy, B.C. McNally, B.D. Pritchard, J.E. Kaminski, and M.V. Bagavathiannan. 2024. *Poa annua* ecology, biology, and integrated weed management practices in turfgrass. Crop, Forage, & Turfgrass Management. <https://doi.org/10.1002/cft2.70019>

Rutland, C.A., B. Johnson, J. Patel, J.D. McCurdy, A. Wilber, and J.S. McElroy. 2024. Identification of quinclorac-resistant smooth crabgrass (*Digitaria ischaemum*) population in Alabama. International Turfgrass Society Research Journal. <https://doi.org/10.1002/its2.166>

Bowling, R.G., J.D. McCurdy, E.B. de Castro, A.J. Patton, J.T. Brosnan, S.D. Askew, G.K. Breeden, M.T. Elmore, T.W. Gannon, C.G. Goncalves, J.E. Kaminski, A.R. Kowalewski, W. Liu, C.M. Mattox, L.B. McCarty, P.E. McCullough, J.S. McElroy, C. McKeithen, A.W. Osburn, R.R. Rogers, C.A. Rutland, K. Tang, J.W. Taylor, J.B. Unruh, J.J. Vargas, and M.B. Bagavathiannan. 2024. Multi-state survey to identify suspected resistance to four herbicides and one plant growth regulator in *Poa annua*. Crop, Forage, and Turfgrass Management. <https://doi.org/10.1002/cft2.20300>

Putri, A.D., V. Singh, E.B. de Castro, C.A. Rutland, J.S. McElroy, T. Tseng, and J.D. McCurdy. 2024. Confirmation and differential metabolism associated with quinclorac

resistance in smooth crabgrass (*Digitaria ischaemum*). *Weed Science*.
<https://doi.org/10.1017/wsc.2024.6>

Patel, J., Allen, T. W., Buckley, B., Chen, P., Clubb, M., Mozzoni, L. A., Orazaly, M., Florez, L., Moseley, D., Rupe, J. C., Shrestha, B. K., Price, III, P. P., Ward, B. M., and Koebernick, J. 2024. Deciphering genetic factors contributing to enhanced resistance against *Cercospora* leaf blight in soybean (*Glycine max* L.) using GWAS analysis. *Frontiers in Genetics* 15:1377223.

Sanders, T. L., Bond, J. A., Allen, T. W., Gholson, D., Krutz, J., and Webster, E. P. 2024. Barnyardgrass (*Echinochloa crus-galli*) control and rice injury with labeled herbicides following exposure to sub-lethal concentrations of paraquat. *Weed Technology* 38:e20.

Ross, T. J., Allen, T. W., Sujoung, S., Thompson, N. M., and Telenko, D. E. P. 2024. Investigations into economic returns resulting from foliar fungicides and application timing on management of tar spot in Indiana hybrid corn. *Plant Disease* 108:461-472.

Bowman, H. D., Bond, J. A., Allen, T. W., Reynolds, D. B., Bararpour, T., Dodds, D. M., and Eubank, IV, T. W. 2024. Salvage treatments for barnyardgrass (*Echinochloa crus-galli*) control in rice following simulated failed herbicide application. *Weed Technology* 38:1-5.

Anderson, N. R., McCoy, A. G., Castellano, C., Chilvers, M. I., Alinger, E., Allen, T. W., Bissonnette, K., Copeland, D., Hustedde, N., Jackson-Ziems, T., Kleczewski, N., Leon, C., Mueller, J., Price, III, P., Raid, R., Robertson, A. E., Sikora, E. J., Telenko, D. E. P., Wiggins, M., and Wise, K. A. 2024. Sensitivity of the causal agent of northern leaf blight of corn, *Exserohilum turcicum*, to the demethylase inhibiting fungicide flutriafol. *Plant Health Progress* 25:287-292.

Awuni, G. A., Gore, J., Tomaso-Peterson, M., Allen, T. W., Cook, D., and Musser, F. R. 2024. Impact of *Oebalus pugnax* (Hemiptera: Pentatomidae) infestation duration and gender on rice grain yield and quality. *Cogent Food and Agriculture* 10(1):2368254.

Shrestha, B. K., Ward, B. M., Allen, T. W., da Silva, E. T., Zulli, H., Dunford, W., Doyle, V., Bradley, C. A., Buckley, B., Chen, P., Clubb, M., Kelly, H., Koebernick, J., Padgett, B., Rupe, J. C., Sikora, E. J., Spurlock, T. N., Thomas-Sharma, S., Tolbert, A., Zhou, X.-G., Price, III, P. P. 2024. Characterization of Qol-fungicide resistance in *Cercospora* isolates associated with *Cercospora* leaf blight of soybean from the southern United States. *Plant Disease* 108:149-161.

Adams, A. K., D. M. Landry, V. R. Sykes, T. Rickman, A. Cham, A. Timling, H. M. Kelly, J. H. McBeath, and B. A. Olukolu. 2024. Maize Kernel-Associated Metagenomes Reveal Potential Microbe-Microbe Interactions that Underlie Fusarium Ear Rot Disease. *Phytobiomes Journal*.

Akinrinlola, R. J.*, H. M. Kelly, T. R. Sinclair, and A. Shekoofa. 2024. Heterodera glycines HG type 1.2.5.7 causes a decrease in soybean (Glycine max [L.] Merr.) nitrogen fixation and growth variables. Journal of Crop Improvement, 38(4):299-316.

Barro, J. P., E. M. Del Ponte, H. M. Kelly, K. M. Bissonnette, D. E. P. Telenko, K. A. Ames, and C. A. Bradley. 2024. Profitability of Foliar Fungicides in Double-Crop Soybean Under Low-Disease Environments. Plant Health Progress, 25(4):418-426.

Faske, T. R., T. Watson, J. Desaegeer, M. R. Duffeck, J. Eisenback, C. Floyd, Z. Grabau, A. Hajihassani, H. M. Kelly, R. Kemeraite, K. Lawrence, J. Mueller, M. Smith, T. Wheeler, and W. Ye. 2024. Summarized Distribution of the Reniform Nematode, Rotylenchulus reniformis, in Field Crops in the United States. Plant Health Progress, 25(4):506-508.

Hamilton, R., J. L. Jacobs, A. G. McCoy, H. M. Kelly, C. Bradley, D. Malvick, J. A. Rojas, and M. I. Chilvers. 2024. Multistate sensitivity monitoring of Fusarium virguliforme to the SDHI fungicides fluopyram and pydiflumetofen in the United States. Plant Disease, undefined.

Koebernick, J. C., H. M. Kelly, et al. 2024. Monitoring the Distribution, Incidence, and Symptom Expression Associated with Cotton Leafroll Dwarf Virus in the Southern United States Using a Sentinel Plot System. PhytoFrontiers™, 4(4):671-681.

Mengistu, A., Q. D. Read, V. R. Sykes, H. M. Kelly, T. Kharel, and N. Bellaloui. 2024. Cover Crop and Crop Rotation Effects on Tissue and Soil Population Dynamics of Macrophomina phaseolina and Yield Under No-Till System. Plant Disease, Plant Disease 108 (2): 302-210.

Mohan, K., S. Barnes, D. Rasuleva, T. Mukaila, T. Allen, G. C. Bergstrom, K. Bissonnette, J. Bonkowski, C. A. Bradley, J. Buck, M. I. Chilvers, A. E. Dorrance, L. Giesler, H. M. Kelly, N. Kleczewski, A. Betts, H. Lopez-Nicora, D. Malvick, D. Mangel, S. Markell, D. S. Mueller, M. K. Shires, E. Sikora, D. L. Smith, D. E. P. Telenko, T. Spurlock, D. Yabwalo, K. Wise, and F. Mathew. 2024. Sensitivity of soybean (Glycine max L.) pathogens Diaporthe aspalathi, D. caulivora, and D. longicolla to Difenoconazole and Fluopyram fungicides. Plant Health Progress, undefined.

<https://journals.ashs.org/hortsci/view/journals/hortsci/59/12/article-p1815.xml>
2024 MSU Publication P3999 (New) PEST SNAPSHOT: Formosan Subterranean Termite (Coptotermes formosanus) <https://extension.msstate.edu/publications/pest-snapshot-formosan-subterranean-termite-coptotermes-formosanus>

2024 MSU Publication P2568 (Revision) Protect Your House from Termites
<https://extension.msstate.edu/publications/protect-your-house-termites>

2024 MSU Publication P4054 (New) Preparing for Your Mississippi Wood Destroying Insect License Exam <https://extension.msstate.edu/publications/preparing-for-your->

mississippi-wood-destroying-insect-license-exam

<https://extension.msstate.edu/content/termite-university>

<https://extension.msstate.edu/content/redd-termite-technician-training-facility>

Liu, T.-C., Cottrell, T., & Blaauw, B.R. (2024). Seasonal activity of plum curculio (Coleoptera: Curculionidae) in small Southeastern peach orchards, *Environmental Entomology*, nvae072, <https://doi.org/10.1093/ee/nvae072>

McCravy, K. W., Clem, C. S., Bailey, J. B., Elgar, S. A., & Blaauw, B. R. (2024). Hover fly (Diptera: Syrphidae) diversity and seasonality in North Georgia apple and peach orchards. *Journal of Economic Entomology* 117: 1572-1581.

Monterrosa, A., Acebes, A. L., Blaauw, B., & Joseph, S. V. (2024) Effects of biochar on ambrosia beetle attacks on redbud and pecan container trees, *Florida Entomologist*, 107(1):20240036. <https://doi.org/10.1515/flaent-2024-0036>

Williamson, Z. V., Blaauw, B. R., & Joseph, S. V. (2024). Exploring risk factors for insect borer attack in Georgia's (USA) urban landscapes. *Plos one*, 19(2), e0299368-e0299368.

Nufer, M. I., Coates, B. S., Abel, C. A., O'Neill, P., McCracken, M., Jain, D., Pierce, C. A., Glover, J., Towles, T., Reddy, G., Peerera, O. (2024). Anatomy of a pest control failure: Introgression of cytochrome P450 337B3 alleles from invasive old-world bollworm into native corn earworm. *J. Insect Sci.*

Gray, D. D., Biles, S., Bernaola, L., Mays, T. D., Walker, W., Towles, T., Kerns, D. L., Ludwick, D. C. (2024). *Oebalus pugnax* (Hemiptera: Pentatomidae) resistance to lambda-cyhalothrin in Texas and efficacy of two alternative insecticides in grain sorghum. *J. Econ. Entomol.*

Silva, T., Sword, G., Miller, A., Qureshi, J., Head, G., Kerns, D., Jurat-Fuentes, J. L., Villegas, J., Towles, T., Ni, X., Reay-Jones, F., Carrillo, D., Cook, D. R., Daves, C., Stout, M., Thrash, B., Paula-Moraes, S., Lin, S., Patla, B., Niu, Y., Sakuno, C., Huang, F. (2024). Reversal of practical resistance in fall armyworm to Cry1F maize: a case report on the resistance to susceptibility in Bt crops from the southeastern USA. *J. Pest Sci.*

Walt, H., King, J. G., Towles, T., Ahn, S., Hoffmann, F. G. (2024). Comparative genomics and the salivary transcriptome of the redbanded stink bug shed light on its high damage potential to soybean. *Genome Biology and Evolution*.

Paul, T., Catchot, A. L., Towles, T., Ward, S. (2024). Cold temperatures drive the latitudinal range limits and inhibit overwintering survival of the redbanded stink bug (Hemiptera: Pentatomidae). *J. Econ. Entomol.*

Bateman, N. R., Thrash, B. C., Crow, W., Towles, T., Cook, D. R., Lorenz, G. M.,

Gore, J. (2024). Potential exposure of honey bees to neonicotinoid seed treatments in US rice. *Environ. Entomol.*, 53(4), 716-722.

Huoni, M., Crow, W., Gore, J., Cook, D. R., Towles, T., Catchot, A. L. (2024). Influence of Lygus-traited cotton technology on performance of commonly used insecticides for tarnished plant bug management prior to bloom. *J. Cotton Sci.*, 28, 1-11.

Lipsey, H., Cook, D. R., Crow, W., Catchot, A. L., Thrash, B. C., Towles, T. Determining the optimum sampling interval for the control of tarnished plant bugs, *Lygus lineolaris* (Palisot de Beauvois), in ThryvOn cotton, *Gossypium hirsutum* (L.). *J. Entomol. Sci.*

Farmer, B., Gore, J., Catchot, A. L., Crow, W., Cook, D. R., Pieralisi, B., Towles, T. The influence of imidacloprid seed treatment on non-ThryvOn and ThryvOn cotton. *J. Cott. Sci.*

Calvin, W., J. Gore, J. K. Greene, L. Perkin, and D. L. Kerns. 2024. Potential for grain sorghum as a trap and nursery crop for *Helicoverpa zea* and its natural enemies and dissemination of HearNPV into cotton. *Agronomy* 14(8), 1779 (submitted 17 Jul 2024, accepted 11 Aug 2024, published 13 Aug 2024)
<https://doi.org/10.3390/agronomy14081779>

Bryant, T. B., J. K. Greene, D. Reisig, and F. P. F. Reay-Jones. 2024. Continued decline in sublethal effects of Bt toxins on *Helicoverpa zea* (Lepidoptera: Noctuidae) in field corn. *J. Econ. Entomol.* 117(5): 1876-1883
<https://doi.org/10.1093/jee/toae152>

Bryant, T. B., J. K. Greene, and F. P. F. Reay-Jones. 2024. Competition between brown stink bug (Hemiptera: Pentatomidae) and corn earworm (Lepidoptera: Noctuidae) in field corn. *Environ. Entomol.* 53(5): 860-869
<https://doi.org/10.1093/ee/nvae065>

Koebernick, J., A. Hagan, M. Zaccaron, C. Escalante, A. Jacobson, K. Bowen, A. Strayer-Scherer, B. Heilsnis, S. Brown, E. J. Sikora, T. W. Allen, T. Faske, F. Bourland, J. K. Greene, A. Huseh, H. Kelly, R. C. Kemerait, D. Kerns, M. Mulvaney, P. P. Price, I. Small, S. Taylor, H. Wang, and K. Conner. 2024. Monitoring the distribution, incidence, and symptom expression associated with Cotton leafroll dwarf virus in the southern United States using a sentinel plot system. *Phytofrontiers*
<https://doi.org/10.1094/PHYTOFR-02-24-0008-R>

Bryant, T. B., J. K. Greene, D. Reisig, and F. P. F. Reay-Jones. 2024. Grower perceptions and adoption of IPM and non-Bt refuge in field corn: a survey in North and South Carolina. *J. IPM* 15(1): 2024, 4, 1-12 <https://doi.org/10.1093/jipm/pmad030>
Obasa, K., Coker, D. and Santiago-González, J.C. 2024. Late-season decline, a bacterial disease of corn caused by *Pantoea ananatis*, identified in sorghum. *Plant Health Prog.* Published Online: 7 Jul 2024. <https://doi.org/10.1094/PHP-04-24-0038->

SC

Yang, F., Head, G.P., Kerns, D.D., Jurat-Fuentes, J.L., Santiago-González, J.C. and Kerns, D.L. 2024. Diverse genetic basis of Vip3Aa resistance in five independent field-derived strains of *Helicoverpa zea* in the US. *Pest Manag Sci.* <https://doi.org/10.1002/ps.7988>

Clobas-Celiz, A.R., M.W. Marshall, D.A. Anco, S.N. Kutty (2025) Evaluation of Weed Size and Adjuvants on Texas Panicum Control with Clethodim. *Weed Technology*, accepted.

Williams, M.B., M.W. Marshall, M.A. Cutulle, M.T. Plumblee, W.C. Bridges (2024) Response of Palmer Amaranth Accessions in South Carolina to Selected Herbicides. *Weed Technology*, 38(e90), 1–7. <https://doi.org/10.1017/wet.2024.84>.

Holladay, S.K., M.W. Marshall, M.T. Plumblee, M.A. Jones, S. Narayanan, M. Inman (2024) Can cotton seed size mitigate preemergence herbicides injury? *Crop, Forage, and Turfgrass Management*, 10, e20286. <https://doi.org/10.1002/cft2.20286>.
3 Extension publications submitted in 2024

Tsuruda, J., and M. Gireesh. Spotted Lanternflies and Beekeeping (Extension Publication). In Press. UT Extension.

Gireesh, M., F. A Hale., J. F Grant., J. Biggerstaff., C. Billbrey, and J. Basham. Spotted lanternfly. In Press. UT Extension. Gireesh, M., K. Dhakal, and K. Adesso. Redheaded Flea Beetle. UT Extension

Villegas, J., R. Diaz, M. Stout, F. Papitchaya, and B. Wilson. 2024. Influence of temperature and photoperiod on survival and development of *Eoreuma loftini* (Lepidoptera: Crambidae). *Insects* 15 (12): 915; doi: 10.3390/insects15120915.

Wilson, B., T. Musgrove, J. Villegas, and K. Landry. 2024. Influence of insect pest infestations in the main and ratoon crops on rice yields in Louisiana. *Crop Protection* 184: 106855.

Silva, T., G. Sword, A. Miller, J. Qureshi, G. Head, D. Kerns, J. Jurat-Fuentes, J. Villegas, T. Towles, X. Ni, F. Reay-Jones, D. Carillo, D. Cook, C. Daves, M. Stout, B. Thrash, S. Moraes, S. Lin, B. Patla, Y. Niu, C. Sakuno, F. Huang. 2024. Reversal of practical resistance in fall armyworm to Cry1F maize: a case report on the resistance to susceptibility in Bt crops from the southeastern USA. *Journal of Pest Science*; doi:10.1007/s10340-024-01804-y.

Stout, M., K. McCarter, J. Villegas, B. Wilson. 2024. Natural incidence of stem borer damage in U.S. rice varieties. *Crop Protection* 177: 106565.

Villegas, J., J. Davis, D. Kerns, B. Gueltig, C. Gregorie, F. Huang, M. Stout, and B.

Wilson. 2025 Louisiana Field Crops Insect Pest Management Guide. Louisiana State University Agricultural Center Publication 1838-A: 1–96.

Moseley, D., B. Padgett, T. Price, M. Kongchum, D. Stephenson, R. Parvej, J. Villegas, J. Davis, T. Watson, D. Burns, C. Roider, G. Williams, R. Anderson, B. Waltman, B. Woolam, T. Monaghan, F. Collins, K. Fic, R. Tullos, J. Uddin, M. Rahman, M. Purvis, D. Ezell, A. Wahid, E. Moni, B. Garner, M. Carriere, R. Frazier, V. Deshotel, K. Miller, R. Castro, J. Dufour, J. Terrell, C. Pinnel-Alison, and R. Mallette. 2024 Soybean variety yields and production practices. Louisiana State University Agricultural Center Publication 2269: 1–24.

Zeng, Y.c, Zhang, D., Giblin-Davis, R.M., and Roberts, J.A.a 2025. *Ficophagus fengi* n. sp. (Nematoda: Aphelenchoididae), an associate of *Ficus concinna* in China. *Nematology* 27: 49-63. <https://doi.org/10.1163/15685411-bja10369>.

Doherty, J.R., Hutchens, W.J., Booth, J.C., McCall, D.S., Battaglia, M.V., DeBoer, E.J., and Roberts, J.a. 2024. Improving hybrid bermudagrass winter survival through cultural practices in the mid-atlantic region. *Crop, Forage, & Turfgrass Management* 10(2):1-11. <https://doi.org/10.1002/cft2.20303>