CURRICULUM VITAE

Name: David R. Drake

Title: Extension Agent - Integrated Pest Management (IPM)
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A. Education/Training

INSTITUTION AND LOCATION	DEGREE	YEAR (s)	FIELD OF STUDY
Purdue University - West Lafayette, IN	Ph.D.	2003	Agronomy
Purdue University - West Lafayette, IN	M.S.	1997	Agronomy
Utah State University - Logan, UT	B.S.	1995	Plant Science

B. Research & Professional Experience

Extension Agronomist, Texas A&M AgriLife, San Angelo, TX (2009-2017)

Extension Specialist and County Director, Utah State Uni. Richfield, UT (2001-2009)

Graduate Research and Teaching Assistant, Wheat Breeding and Genetics, Purdue University, West Lafayette, IN (1995-2001)

Research Technician, Grass and Legume Breeding, USDA-ARS, Logan, UT (1993-1995)

C. Awards and Honors

a. Excellence in IPM Award - 2023 Texas Pest Management Association
b. Extension IPM Award – 2019 Texas Pest Management Association
c. AgriLife Extension Superior Service Team Award – 2013 Replicated Agronomic Cotton Evaluation (RACE) Team
d. AgriLife Extension Superior Service Team Award – 2012 Cotton Root Rot Team
e. State Early Career Award, Iota Chapter, Epsilon Sigma Phi – 2007 Extension Service Fraternity Utah State University
f. Award of Merit in Increasing Access to Higher Education, Utah System of Higher Education 2005. Distance Master Gardener Training.

D. Grants Received

a. Drake, D. (2024) Soil Nutrient Sustainability in Northeast Texas Corn 2024 Texas Corn Producers. (PI: D. Drake) funded $10,000 for 2024
b. Ogden, G. & Drake, D. (2024) Evaluation of critical inputs to improve the profitability of soft red winter wheat in Northeast Texas: A Multi-year Study. Wheat Producers Board (Co-PI: D. Drake) $7,500 of $15,000
c. Drake, D. (2023) Soil Nutrient Sustainability in Northeast Texas Corn 2023 Texas Corn Producers. (PI: D. Drake) funded $10,000 for 2023

d. Drake, D. (2023) Evaluation of critical inputs to improve the profitability of soft red winter wheat in Northeast Texas: A Multi-year Study. Wheat Producers Board (PI: D. Drake) $10,000 of $10,000
e. McKnight, B., Nolte, S. and Drake, D. (2023) Evaluation of new technology and production practices. Cotton Inc State Support (Co-PI D. Drake) $0 of $23,000

LIST OF PUBLICATIONS (last 4 years)

(This section does not count towards the 2-page limit set by USDA.)

i. Melson, E.E., Chen, M.-S., Ibrahim, A.M.H., Drake, D.R., Liu, S. Sutton, R., Zhu-Salzman, K., Mays, D.T. (2024) Higher levels of virulence to multiple resistance genes were detected in Hessian fly (*Mayetiola destructor*) populations from Texas. Crop Science 64(3)1639-1648
ii. Melson, E., Ibrahim, A., and Drake, D.R. (2023) Understanding and improving resistance to Hessian fly (*Mayetiola destructor*) in United States wheat using genetic mapping and molecular techniques" Crop Science 64(1)24-38
iii. Flowers, H.P., Drake, D.R., Lopez, J.A. (2024) An Agronomic and Economic Analysis of Annual Ryegrass Management Practices in North-Texas Soybean Production. J of Agribusiness
iv. Sturm, N., Neely, H., Esser, A., Waters, T., Noland, R., Clark, J., Paris, N., Schuler, J., Arrianga, F., and Drake D. (2023) Informing soil compaction research priorities with farmer focus groups. [Abstract] ASA-CSSA-SSA Annual Meeting St. Louis. MO Nov. 2023.
v. Melson, E., Chen, M., Ibrahim, A., Drake D., Liu, S., Sutton,R. (2023) Texas Hessian fly virulence has increased but several resistance genes remained highly effective in 2022. [Abstract] McFadden Symposium Grapevine, TX April 2023.
vi. Melson, E., Ibrahim, A.M.H., Drake, D.R., Liu, S., Sutton, R.L. (2023) Quantitative Trait Loci for Hessian Fly Resistance in wheat mapped across multiple environments. [Abstract] ASA, CSSA, SSSA International Meeting Baltimore, MA.
vii. Miranda, E.J., Lopez, J.A., Drake, D.R. (2023) An Economic Analysis of Ryegrass-Soybean Forage Production in Northeast Texas. [Editor reviewed Abstract] Southern Ag. Econ. Assoc. (SAEA) Annual Mtg.
viii. McKnight, B., McGinty, J., Mott, D., Ramirez, J., Livingston, C., Alaniz, R., Drake, D. et. al. (2023) Replicated agronomic cotton evaluation (RACE) south, east, and central regions of Texas, 2022. Texas A&M AgriLife Extension SCSC-2023-2
ix. Garetson, R., Bell, J., Trostle, C., Kimura, E., McGinty, J., Noland, R., Drake, D. et.al. 2023. 2023 Texas Wheat Uniform Variety Trials. SCSC-2023-8
x. Bazhaw, T.; Drake, D.; Delgado-Acevedo, J.; Harp, D.A. (2021) Factors infuencing honeybee (Apis mellifera L) visits to crepe myrtle (Lagerstroemia sp.). J of Environmental Horticulture 39(4)143-149.
xi. Singh, V.; Maity, A.; Abugho, S.; Swart, J.; Drake, D.; Bagavathiannan, M.(2020) Multiple herbicide-resistant Lolium spp. is prevalent in wheat production in Texas Blacklands. Weed Technology 34(5)652-660.