

Emi Kimura, Ph.D.

Associate Professor, Extension Agronomist, and State Extension Peanut Specialist
Dept. of Soil and Crop Sciences
Texas A&M AgriLife Extension Service, Vernon, TX

EDUCATION/TRAINING:

2014 Ph.D. in Agronomy, Washington State University, WA
2011 M.S. in Agronomy, University of Wyoming, WY
2008 B.S. in Botany, University of Wyoming, WY

POSITION AND EMPLOYMENT:

2021- Associate Professor, Extension Agronomist, and State Extension Peanut Specialist,
Dept. Soil and Crop Sciences, Texas A&M AgriLife Extension Service, Vernon,
TX

2018-2021 Assistant Professor, Extension Agronomist, and State Extension Peanut Specialist,
Dept. Soil and Crop Sciences, Texas A&M AgriLife Extension Service, Vernon,
TX

2015- Assistant Professor and Extension Agronomist, Dept. Soil and Crop Sciences,
Texas A&M AgriLife Extension Service, Vernon, TX

AWARDS AND HONORS:

Dr. J. Tom Cothren Outstanding Young Cotton Physiologist Award. 2022. Beltwide Cotton
Conference (January 2022)

Special Award. 2021. West Texas Agricultural Chemicals Institute. (September 2021)

Outstanding Achievement Award. 2020. 2020 SCSC Extension Faculty (January 2021)

Outstanding Group Award for the Red River Crops Conference. 2017. Oklahoma Cooperative
Extension Service. Oklahoma State University (January 2017)

PROGRAM DESCRIPTION

Texas Rolling Plains Extension program focuses on creating resilient crop and pasture systems and develop environmentally and economically sustainable cropping system through objectives including applied research trials in BMPs, cultivar testing, outreach efforts conducted with County Extension Agents (CEAs). My program has developed excellent team with CEAs and AgriLife Research scientists to deliver high quality information. Notable programs include RACE trial, Rolling Plains UVT, and Red River Crops Conference. I provide regular consultation for regional and neighboring state producers, CEAs, crop consultants, and industry personnel. Our producers in the Rolling Plains represent small (30 ac) to large acreage farms (20,000 ac), combining **24 million acres of grassland, 1.6 million acres of wheat, and 1.2 million acres of cotton**. Therefore, our presence in the Texas Rolling Plains provides **critical impacts for profitable grassland/crop production system for Texas**.

PUBLICATION (LAST 4 YEARS)

Refereed publications

1. *Hinson, P., C. Adams, B. Pinchack, D. Jones, N. Rajan, A. Somenahally, and E. Kimura. 2022.* Organic transition in dual-purpose wheat systems: Agronomic performance and soil nitrogen dynamics. *Agron. J.*
2. Stamm, M., R. Aiken, S. Angadi, J. Damicone, S. Dooley, J. Holman, J. Johnson, **E. Kimura**, J. Lofton, and D. Santra. **2021.** Registration of ‘KS4719’ Winter Canola. *J. Plant Reg.*, 16:1-5.
3. Barnes, E., G. Morgan, K. Hake, J. Devine, R. Kurtz, G. Ibendahl, A. Sharda, G. Rains, J. Snider, J.M. Maja, J.A. Thomasson, Y. Lu, H. Gharakhani, *J. Griffin*, **E. Kimura**, R. Hardin, T. Raper, S. Young, K. Fue, M. Pelletier, J. Wanjura, and G. Holt. **2021.** Opportunities for robotic systems and automation in cotton production. *Agri. Engineer*.3(2):339-362.
4. Collins, H.P., **E. Kimura** and D.R. Smith. **2020.** Sweet corn phosphorus uptake from sandy soil amended with anaerobically-digested manure, communications in *Soil Science and Plant Analysis* 51:18, 2398-2413, DOI: 10.1080/00103624.2020.183620.
5. Collins, H.P., **E. Kimura**, W. Polley, P. Fay, and S. Fransen. **2020.** Intercropping switchgrass with hybrid poplar increased carbon sequestration on sand soil. Submitted to *Biomass and Bioenergy*.
6. DeLaune, P.B., P. Mubvumba, S. Ale, and **E. Kimura.** **2020.** Impact of no-till, cover crop, and irrigation on cotton yield. *J. Agric Water Manage.* 232 (2020) 106038.
7. *Wynne, K., C.B. Neely, C. Adams*, P.B. DeLaune, E. Kimura, D. Hathcoat, and B. Gerrish. 2020.* [Testing row spacing and planting rate for fall-planted spring canola in the Southern U.S.](https://doi.org/10.1002/agj2.20201) *Agron. J.* 112(3)1952-1962. <https://doi.org/10.1002/agj2.20201>.
8. *Wynne, K., C. Adams*, C. Neely, P.B. DeLaune, E. Kimura, S. Thapa. 2019.* [Canola emergence and early growth were not affected by allelopathic properties of wheat residue.](https://doi.org/10.2134/age2018.11.0058) *Agrosys. Geosci. Environ.*2:18058. <https://doi.org/10.2134/age2018.11.0058>.
9. Adams, C., S. Thapa, and **E. Kimura.** **2019.** Determination of a plant population density threshold for optimizing cotton lint yield: A synthesis. *Field Crops Res.* 230:11-16.
10. **Kimura, E., S.C. Fransen H.P., Collins, B. Stanton, A. Himes, J. Smith, S.O. Guy, and W.J. Johnston. 2018.** Effect of intercropping hybrid poplar and switchgrass on biomass yield, forage quality, and land use efficiency for bioenergy production. *Biomass Bioenerg.* 111: 31-38.

Non-refereed publications

(4 variety trial publications each year in addition to the list below)

1. Monclova, S.C. and **E. Kimura.** **2021.** [Texas peanut disease control products – 2021.](#) Texas A&M AgriLife Extension Service.
2. **Kimura, E., J.H. Ramirez,** J. Awika, M. Bowman, L. Reagan, J. Reyes, J. Coplen, K. Deaton, J. Gilliam, J. Kouns, and K. Winge. **2021.** [Texas Rolling Plains dual-purpose variety watch list.](#) Edited by E. Kimura. Texas A&M AgriLife Extension Service. YouTube.
3. **Kimura, E.,** J. Cason, C. Simpson, P. Dotray, J. McGinty, J. Grichar, P. DeLaune, K. Lewis, C. Monclova, and F. Abello. **2020.** [Texas A&M AgriLife 2020 Peanut Field Day.](#) Edited by E. Kimura. Texas A&M AgriLife Extension Service. 324 views (December 2020). YouTube.
4. **Kimura, E., J.H. Ramirez,** J. Awika, M. Bowman, L. Reagan, J. Reyes, J. Coplen, K. Deaton, J. Gilliam, J. Kouns, and K. Winge. **2020b.** [Texas Rolling Plains dual-purpose](#)

- [variety watch list](#). Edited by E. Kimura. Texas A&M AgriLife Extension Service. SCS-2020-06. YouTube.
5. **Kimura, E.**, J. Bell, C. Adams*, and F.P. Abello. **2020c**. [2020 Texas A&M AgriLife Organic Workshop](#). Edited by E. Kimura. Texas A&M AgriLife Extension Service. SCSC-2020. YouTube.
 6. MacMillan J., P. Hinson, C. Adams*, **E. Kimura**, and C. Trostle. Nitrogen fixation by cool-season legumes in agronomic systems. Texas A&M AgriLife Extension Service.
 7. Fan, Y., P.B. DeLaune*, P. Mubvumba, **E. Kimura**, and S. Park. **2019**. [Economics of no-till and cover crops in dryland cotton systems](#). Texas A&M AgriLife Extension Service. ESC-062.
 8. **Kimura, E.**, J. Grichar, P. Dotray, and J. McGinty. **2019**. [Suggestions for weed control in peanuts](#). Texas A&M AgriLife Extension Service. SCS-2019-25.
 9. Adams, C., S. Thapa, and **E. Kimura**. **2019**. [Managing plant population in cotton](#). Texas A&M AgriLife Extension Service. ESC-061.
 10. **Kimura, E.**, J.M. Bell, J.A., McGinty, R.L. Noland, and G.D. Morgan. **2019**. [Cotton seed quality – where it all begins](#). Texas A&M AgriLife Extension Service. SCS-2019-04.
 11. McGinty, J.A., S.A. Nolte, E. Kimura, and P.A. Dotray. **2019**. [Weed management in Texas cotton](#). Texas A&M AgriLife Extension Service. SCS-2019
 12. Thapa, S., C. Adams*, Y. Fan, and **E. Kimura**. **2018**. [Enhanced-efficiency urea fertilizer use for wheat in the Rolling Plains of Texas](#). Texas A&M AgriLife Extension Service. SCS-2018-12.
 13. **Kimura, E.**, J. Bell, C. Trostle, and C. Neely. **2017**. [Winter wheat management calendar for the Rolling Plains and high plains of Texas](#). Texas A&M AgriLife Extension Service. ESC-048.
 14. Clayton*, M., A. James, and E. **Kimura**. **2017**. Can't Stop Ranching. A parody music video. Available at <https://youtu.be/Y7b4ScmoN20>. 168 views as of May 2019. 3194 views as of February 2019 when the channel was available at <https://youtu.be/dDjrsc9DJCw>. (The video was moved to new channel). YouTube.
 15. Bell, J., E. Bynum, R. French, **E. Kimura**, C. Neely, and J. McGinty. **2016**. The [Importance of controlling volunteer wheat](#). Texas A&M AgriLife Extension Service. SCSC-2016-28.
 16. **Kimura, E.**, J. Bell, C. Trostle, C. Neely, and D. Drake. **2016**. [Potential causes of yellowing during tillering stage of wheat in Texas](#). Texas A&M AgriLife Extension. (ESC-040) SCS-2016-11.
 17. McGinty, J., **E. Kimura**, P. Baumann, P. Dotray, and G. Morgan. **2016**. [Weed management in Texas cotton](#). Texas A&M AgriLife Extension. SCS-2016-16.