

REAGAN L. NOLAND

Texas A&M AgriLife Extension Service
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CURRENT POSITION

Title: Assistant Professor & Extension Agronomist

Appointment: 100% Extension

EDUCATION

University of Minnesota	2017
Ph.D. - Agronomy & Agroecology	
Texas A&M University	2014
M.S. - Agronomy	
Angelo State University	2011
B.S. - Natural Resource Management	

PUBLICATIONS

- 1) **Noland, R.L.**, M.S. Wells, J.A. Coulter, T. Tiede, J.M. Baker, K.L. Martinson, and C.C. Sheaffer. 2018. Estimating alfalfa yield and nutritive value using remote sensing and air temperature. *Field Crops Res.* 222:189–196. doi:10.1016/j.fcr.2018.01.017
- 2) **Noland, R.L.**, J.A. Coulter, C.C. Sheaffer, K. Martinson, J.M. Baker, and M.S. Wells. 2018. Establishment and function of cover crops interseeded into corn. *Crop Sci.* 58:863–873. doi:10.2135/cropsci2017.06.0375
- 3) **Noland, R.L.**, C.C. Sheaffer, J.A. Coulter, R. Becker, and M.S. Wells. 2017. Yield, nutritive value, and profitability of direct-seeded annual forages following spring-terminated alfalfa. *Agron. J.* 109:1–11. doi:10.2134/agronj2017.03.0182
- 4) **Noland, R.L.**, T.C. Maxwell, and R.C. Dowler. 2013. Food habits of long-eared owls (*Asio otus*) at a winter communal roost in Texas. *The Southwestern Naturalist* 58:245-247. doi:10.1894/0038-4909-58.2.245

PROCEEDINGS AND ABSTRACTS

- 1) Daughtry, D, W. Porter, G. Harris, **R. Noland**, J. Snider, and S. Virk. 2018. Correlating plant nitrogen status in cotton with UAV-based multispectral imagery. In Proceedings: International Conference on Precision Agriculture. Montreal, QC, Canada. Available online at <https://www.ispag.org/proceedings/?action=abstract&id=5783>
- 2) **Noland, R.L.**, J.A. Coulter, C.C. Sheaffer, J.M. Baker, K.L. Martinson, and M.S. Wells. 2017. Integrating cover crops into corn-soybean rotations in the upper Midwest. In Proceedings: American Society of Agronomy 2017 Annual Meetings. Tampa, FL. Available online at <https://scisoc.confex.com/crops/2017am/webprogram/Paper106698.html>
- 3) **Noland, R.L.**, M.S. Wells, and C.C. Sheaffer. 2016. Predicting alfalfa nutritive value with canopy reflectance and environmental factors. In Proceedings: American Society of Agronomy 2016 Annual Meetings. Phoenix, AZ. Available online at <https://scisoc.confex.com/scisoc/2016am/webprogram/Paper101168.html>
- 4) **Noland, R.L.**, M.S. Wells, J.A. Coulter, C.C. Sheaffer, and J.M. Baker. 2016. Establishing cover crops in standing corn in the upper Midwest. In Proceedings: American Society of Agronomy 2016 Annual Meetings. Phoenix, AZ. Available online at <https://scisoc.confex.com/scisoc/2016am/webprogram/Paper101153.html>
- 5) **Noland, R.L.**, M.S. Wells, and C.C. Sheaffer. 2016. Integrated remote sensing tools for timely predictions of alfalfa nutritive value. In Proceedings: North American Alfalfa Improvement Conference in Madison, WI. 14 July 2016. Available online at <https://www.naaic.org/Meetings/National/2016meeting/Reagan%20Noland%20Abstract.pdf>

- 6) **Noland, R.L.**, M.S. Wells, and C.C. Sheaffer. 2015. Development of remote sensing tools for alfalfa management. In Proceedings: American Society of Agronomy 2015 Annual Meetings. Minneapolis, MN. Available online at <https://scisoc.confex.com/scisoc/2015am/webprogram/Paper93677.html>
- 7) **Noland, R.L.**, M.S. Wells, K.L. Martinson, R.L. Becker, C.C. Sheaffer. 2015. Supplemental and Alternative Forage Options in Winter-Killed Alfalfa. In Proceedings: American Society of Agronomy 2015 Annual Meetings. Minneapolis, MN. Available online at <https://scisoc.confex.com/scisoc/2015am/webprogram/Paper93739.html>
- 8) Wells, M.S., **R. L. Noland**, J.M. Baker, C.C. Sheaffer and J.A. Coulter. Optimization of cover crop establishment technologies in corn-based cropping systems. In Proceedings: American Society of Agronomy 2015 Annual Meetings. Minneapolis, MN. Available online at <https://scisoc.confex.com/scisoc/2015am/webprogram/Paper92993.html>
- 9) **Noland, R.L.**, M.S. Wells, and C.C. Sheaffer. 2014. Effects of nitrogen rate and cutting management on emergency forages no-tilled into winter-killed alfalfa. In Proceedings: American Society of Agronomy 2014 Annual Meetings. Long Beach, CA. Available online at <https://scisoc.confex.com/scisoc/2014am/webprogram/Paper88183.html>
- 10) **Noland, R.L.**, J.L. Foster, C.L.S. Morgan, D.A. Forbes, G.D. Morgan, and V.A. Corriher-Olson. 2014. Integrating cover crops into strip-till cropping systems in a semi-arid environment. In Proceedings: American Society of Agronomy: Southern Branch Annual Meetings. Dallas, TX. Available online at <https://scisoc.confex.com/scisoc/2014srb/webprogram/Paper84332.html>
- 11) **Noland, R.L.**, J.L. Foster, C.L.S. Morgan, D.A. Forbes, G.D. Morgan, and V.A. Corriher-Olson. 2013. Integrating cover crops into strip-till cropping systems in a semi-arid environment. In Proceedings: American Society of Agronomy 2013 Annual Meetings. Tampa, FL. Available online at <https://scisoc.confex.com/crops/2013am/webprogram/Paper82423.html>

ORGANIZATIONS

American Society of Agronomy
 Crop Science Society of America
 Soil Science Society of America

LEADERSHIP

GAACA Junior Director for State Staff	2018
Georgia Corn Short Course – Chairman	2018

AWARDS

Hueg-Harrison Fellowship University of Minnesota	2016
Graduate Student Travel Award North American Alfalfa Improvement Conference	2016
Graduate Student Travel Award UMN Applied Plant Sciences	2016
Graduate Student Poster Competition: Crop Ecology, Management, and Quality - 1 st Place American Society of Agronomy	2015
Graduate Student Poster Competition: Crops Division – 1 st Place American Society of Agronomy: Southern Branch	2013
Angelo State University – Outstanding Senior Award Texas Section Society of Range Management	2011