

Vanessa Corriher-Olson

Professor, Extension Forage Specialist

Texas A&M AgriLife Extension; Soils and Crops Department; Texas A&M University

1710 N Hwy 3053

Overton, Texas 75684

(903) 834-6191 (office); (903) 834-6257(fax)

vacorriher@ag.tamu.edu

Education

- University of Georgia, Athens, GA

Ph.D. in Animal Science, Ruminant Nutrition concentration, August 2008

- University of Georgia, Athens, GA

M.S. in Animal Science, Ruminant Nutrition concentration, August 2006

- North Carolina State University, Raleigh, NC

B.S. in Zoology, May 2002; Minor in Genetics, May 2002 Cum Laude

Experience

August 4, 2008- August 31, 2014 Assistant Professor, Forage Extension Specialist, Texas A&M AgriLife Extension, Overton, TX

September 1, 2014- August 31, 2029 Associate Professor, Forage Extension Specialist, Texas A&M AgriLife Extension, Overton, TX

September 1, 2020-present Professor, Forage Extension Specialist, Texas A&M AgriLife Extension, Overton, TX

Selected Professional Activities/Service

Member of Crop Science Society of America; Member of America Society of Agronomy; Member of America Society of Animal Sciences; Member of American Forage and Grassland Council

Extension Emphasis

My mission is to affect a true change in the efficiency of forage production and utilization in Texas. By emphasizing the integrated use of proven methods and technologies, I will assist our state's forage producers to improve yields, stand persistence, and input use efficiency, decrease the threat to our environment, and increase profitability. My approach will be to share my knowledge and findings from applied research, in concert with the work of colleagues in this and other disciplines.

Abstracts

“Integrating Cover Crops into Strip-Till Cropping Systems in a Semi-Arid Environment.” Reagan Noland, Jamie L. Foster, Cristine L.S. Morgan, David Forbes, Michael J. Brewer, Gaylon D. Morgan and Vanessa A. Corriher. Abstract. Joint Annual Meeting ASA-CSSA-SSSA, Tampa, Florida. November 2013.

“Aluminum Tolerance in Forage Rye Breeding Lines. Vanessa Corriher-Olson, Gerald R. Smith, and Peggy Parsons. Abstract. Joint Annual Meeting ASA-CSSA-SSSA. Tampa, Florida. November 2013.

“Forage Rye Multiple Trait Improvement.” Vanessa Corriher-Olson, Gerald R. Smith and F.M. Rouquette, Jr. Abstract. Joint Annual Meeting ASA-CSSA-SSSA. Long Beach, California. November 2014.

“Developing Improved Legume Cover Crops. Vanessa Corriher-Olson, Gerald R. Smith. Abstract. Joint Annual Meeting ASA-CSSA-SSSA. Minneapolis, Minnesota. November 2015.

“Influence of Cowpea and Nitrogen Rate in a Cropping System with Forage Rye.” Melanie L. Aiosa, Gerald R. Smith, **Vanessa Corriher-Olson**, Clark B. Neely and Francis M. Rouquette Jr. Joint Annual Meeting ASA-CSSA-SSSA. Minneapolis, Minnesota. November 2015.

“Cowpea as a Cover Crop and Nitrogen Source in a Double Cropping System with Forage Rye.” Aiosa, M.L., G.R. Smith, C.B. Neely, R.W. Jessup, C.L.S. Morgan, **V.A. Corriher-Olson**, A. Somenahally, and F.M. Rouquette Jr. ASA-CSSA-SSSA Annual Conference. Phoenix, AZ. November 8, 2016.

Selected Publications

Thomas-Moen, M.E., J.L., Foster, K.C. McCuiston, R.W. Duncan, L.A. Redmon, A.M. Franks, R.W. Jessup and **V.A. Olson**. Inoculants to enhance the ruminal degradation of small-grain forage. *Forage & Grazinglands*. 2014. Vol 12. No. 1.

Knutson, A., **V.A. Corriher**, and E. Vafaie. Efficacy of Selected Insecticides for Control of Fall Armyworm in Bermudagrass Hay. *Arthropod Management Tests*. 2016. Vol 40. No. 1.

R. Sarkar, **V. Corriher-Olson**, C. Long and A. C. Somenahally. 2020. Challenges and potentials for soil organic carbon sequestration in forage and grazing systems. *Rangeland Ecology & Management*. <https://doi.org/10.1016/j.rama.2020.04.002>

Aiosa, M., C. B. Neely, C.L. Morgan, R.W. Jessup, **V. Corriher-Olson**, A.C. Somenahally, K.D. Norman, G.R. Smith, and F.M. Rouquette. 2020. Cowpeas as a summer cover crop for forage rye. *Agrosystems, Geosciences & Environment*. <https://doi.org/10.1002/agg2.20057>

G. R. Smith, M.L. Aiosa, **V. Corriher-Olson**, T. Faske, R.W. Jessup, C.L. Morgan, C.B. Neely, and F. M Rouquette, Jr. *In review*. Evaluation of cowpea germplasm for biomass production, maturity and nematode resistance. *Agrosystems, Geosciences & Environment*.