

BIOGRAPHICAL SKETCH – MARK A. MARSALIS

Professor, Extension Forage Specialist

New Mexico State University
Department of Extension Plant Sciences
Agricultural Science Center at Los Lunas
Los Lunas, NM 87031

Education

Ph.D.	Texas Tech University.	2004.	Agronomy (Forages)
M.S.	University of Tennessee, Knoxville.	2000.	Plant and Soil Sciences (Forages)
B.S.	Mississippi State University.	1997.	Biological Sciences

Professional Experience

Professor, New Mexico State University Department of Extension Plant Sciences	(2015-present)
Associate Professor, New Mexico State University Department of Extension Plant Sciences	(2010-2015)
Assistant Professor, New Mexico State University Department of Extension Plant Sciences	(2004-2010)

Honors & Awards

Distinguished Extension Award NMSU College of Agricultural, Consumer, and Environmental Sciences	(2013)
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Committee Assignments/Boards, National & Regional

- President-Elect (VP)/President, Western Society of Crop Science (2016-2017 term).
- Associate Editor, Agronomy Journal Editorial Board, American Society of Agronomy (2009-2015)
- Member (NM Representative), Western Alfalfa Symposium Planning Committee (2013-present)
- Member (NM Representative), Western Region Biofuel Working Group (2010-2015)
- Disciplinary Chair (Agronomy & Physiology), Sorghum Improvement Conference of North America (2009-2011)
- New Mexico Hay Association – Ex Officio Director (2008-present)

Coordination Efforts (Selected)

- Annual Field Days-Agricultural Science Center at Clovis and Los Lunas. 2005-2017. Coordination of annual field days, field tours, presentations of research projects, and guest speakers.
- Southwest Hay & Forage Conference. 2008-2017. Co-coordinator with NM Hay Association.

- Alfalfa Market News. Coordination of publication and release through NMSU in conjunction with NM Hay Association. 2007-2015.
- Forage/Wheat Production Field Days and Workshops. Co-coordination with county agents and publicizing of production workshop/on-farm demonstrations for farmers.

Journal Publications

- Darapuneni, M.K., Angadi, S.V., S. Begna, L.M. Lauriault, M.R. Umesh, R. Kirksey, and **M.A. Marsalis**, 2017. Grain sorghum water use efficiency and yield are impacted by tillage management systems, stubble height, and crop rotation. *Crop, Forage, and Turfgrass Management*. Vol. 3. Online. doi:10.2134/cftm2016.09.0062.
- Angadi, S.V., M.R. Umesh, F.E. Contreras-Govea, K. Annadurai, S.H. Begna, **M.A. Marsalis**, N.A. Cole, P.H. Gowda, G.R. Hagevoort, and L.M. Lauriault. 2016. In search of annual legumes to improve forage sorghum yield and nutritive value in the Southern High Plains. *Crop, Forage, and Turfgrass Management*. Vol. 2. DOI: 10.2134/cftm2015.0182.
- Contreras-Govea, F.E., D.M. VanLeeuwen, S.V. Angadi, **M.A. Marsalis**. 2013. Enhances in Crude Protein and Effects on Fermentation Profile of Corn and Forage Sorghum Silage with addition of Cowpea. *Forage and Grazinglands*. Online. doi:10.1094/FG-2013-0622-01-RS.
- Lauriault, L.M., **M.A. Marsalis**, and D.M. VanLeeuwen. 2012. Planting date affects rainfed sorghum forage yields in semiarid, subtropical environments. *Forage and Grazinglands*. Online. doi:10.1094/FG-2012-0416-01-RS.
- Lauriault, L.M., **M.A. Marsalis**, and D.M. VanLeeuwen. 2011. Selecting sorghum forages for limited and full irrigation and rainfed conditions in semiarid, subtropical environments. *Forage and Grazinglands*. Online. doi:10.1094/FG-2011-0819-03-RS.
- Contreras-Govea, F.E., S. Soto-Navarro, D. Calderon, **M. Marsalis**, and L. Lauriault. 2011. Dry matter yield and nutritive value of cowpea and lablab in the Southern High Plains of the USA. *Forage and Grazinglands*. Online. doi:10.1094/FG-2011-0819-02-RS.
- Contreras-Govea, F.E., **M.A. Marsalis**, S.V. Angadi, G.R. Smith, and L.M. Lauriault. 2011. Fermentability and nutritive value of corn and forage sorghum silage when in mixture with lablab bean. *Crop Sci.* 51:1307-1313.
- Lauriault, L.M., S.V. Angadi, and **M.A. Marsalis**. 2011. Soil type affected cowpea forage nutritive value. *Forage and Grazinglands*. Online. doi:10.1094/FG-2011-0126-01-BR.
- **Marsalis, M.A.**, S.V. Angadi, and F.E. Contreras-Govea. 2010. Dry matter yield and nutritive value of corn, forage sorghum, and BMR forage sorghum at different plant populations and nitrogen rates. *Field Crops Res.* 116(1-2): 52-57.
- Contreras-Govea, F.E., **M.A. Marsalis**, L.M. Lauriault, and B. Bean. 2009. Forage sorghum nutritive value, A review. *Forage and Grazinglands* doi:10.1094/FG-2010-0125-01-RV.
- Contreras-Govea, F.E., L.M. Lauriault, **M.A. Marsalis**, and S. Angadi. 2009. Performance of forage sorghum-legume mixtures in the Southern High Plains. Online. *Forage and Grazinglands*. doi:10.1094/FG-2009-0401-01-RS.
- **Marsalis, M.A.**, L.M. Lauriault, and D.M. VanLeeuwen. 2008. Selecting small-grain forages for the Southern High Plains. Online. *Forage and Grazinglands* doi:10.1094/FG-2008-1104-01-RS.
- **Marsalis, M.A.**, L.M. Lauriault, S.H. Jones, and M.J. Renz. 2008. Managing field bindweed in sorghum-wheat-fallow rotations. Online. *Crop Management* doi:10.1094/CM-2008-0818-01-RS.

- **Marsalis, M.A.**, V.G. Allen, C.P. Brown, and C.J. Green. 2007. Yield and nutritive value of forage bermudagrasses grown using subsurface drip irrigation in the Southern High Plains. *Crop Sci.* 47: 1246-1254.

Extension Publications (Selected)

- Hanson, S., L. Beck, N. Flores, S. Walker, **M. Marsalis**, and R. Heerema. 2017. GMO Crops in New Mexico Agriculture. NMSU Cooperative Extension Publication. Las Cruces, NM. Circular 682. January, 2017.
- Ashigh, J., L.M. Lauriault, **M.A. Marsalis**, B. Schutte, and C. Hamilton. 2014. Integrated Weed Management in Irrigated Permanent Grass Pastures and Hayfields in New Mexico. NMSU Cooperative Extension Publication. Las Cruces, NM. Guide A-340, May, 2014.
- Idowu, J., K. Grover, **M.A. Marsalis**, and L. Lauriault. 2013. Reducing Harvest and Post-harvest Losses of Alfalfa and Other Hay. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Circular 668, July, 2013.
- Pierce, J.B., **M.A. Marsalis**. 2013. Alfalfa Weevil Control Options in New Mexico. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Guide A-338, April, 2013.
- **Marsalis, M.A.**, G.R. Hagevoort, and L.M. Lauriault. 2012. Survey of Silage Crop Nutritive Value in New Mexico and West Texas. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Circular 665, November, 2012.
- Lauriault, L.M., **M.A. Marsalis**, and J. Ashigh. 2012. Managing Roundup Ready and Conventional or Organic Alfalfa in Nearby Fields in New Mexico. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Guide A-336, November, 2012.
- Lauriault, L.M., **M.A. Marsalis**, and J. Ashigh. 2012. Recommendations for Roundup Ready Alfalfa Weed Management and Stand Removal in New Mexico. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Guide A-337, November, 2012.
- Idowu, J., **M.A. Marsalis**, and R. Flynn. 2012. Agronomic Principles to Help with Farming during Drought Periods. NMSU Cooperative Extension Publication. Las Cruces, NM. Guide A-147, October 2012.
- **Marsalis, M.A.**, L.M. Lauriault, and C. Trostle. 2012. Millets for Forage and Grain in New Mexico and West Texas. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Guide A-417, July, 2012.
- **Marsalis, M.A.** 2011. Sorghum Forage Production in New Mexico. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Guide A-332, October 2011.
- Lauriault, L.M., **M.A. Marsalis**, F.E. Contreras-Govea, and S.V. Angadi. 2009. Managing Alfalfa During Drought. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Circular 646, October 2009.
- **Marsalis, M.A.**, N. Puppala, N.P. Goldberg, J. Ashigh, S. Sanogo, and C. Trostle. 2009. New Mexico Peanut Production. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Circular 645, July 2009.
- **Marsalis, M.A.**, G.R. Hagevoort, and L.M. Lauriault. 2009. Hay Quality, Sampling, and Testing. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Circular 641, February, 2009.
- **Marsalis, M.A.** 2007. Small Grain Silages in New Mexico. NMSU Cooperative Extension Service Publication. Las Cruces, NM. Circular 630. October, 2007.

Proceedings Publications

- **Marsalis, M.A.**, and L.M. Lauriault. 2015. Teff Hay: Recent Observations in the Southwest. *In Proceedings, 2015 Western Alfalfa & Forage Symposium, Reno, NV, 3-4 December, 2015. Western Alfalfa & Forage Symposium, 1521 I Street, Sacramento, CA 95814.*
- Ottman, M. and D. Putnam, V. Barlow, J. Brummer, M. Bohle, E. Creech, J. Davison, S. Foster, R. Long, **M. Marsalis**, S. Norberg, S. Orloff, and G. Shewmaker. 2013. Long Term Trends and the Future of the Alfalfa & Forage Industry. *In Proceedings, 2013 Western Alfalfa & Forage Symposium, Reno, NV, 11-13 December, 2013. UC Cooperative Extension, Plant Sciences Department, University of California, Davis, CA 95616.*
- Bean, B., and **M.A. Marsalis**. 2012. Corn and Sorghum Silage Production Considerations. *In Proceedings, 2012 High Plains Dairy Conference, Amarillo, TX, 7-8 March, 2012. Texas A&M University, College Station, TX 77843.*
- **Marsalis, M.A.** 2011. Advantages of Forage Sorghum for Silage in Limited Input Systems. *In Proceedings, 2011 Western Alfalfa & Forage Conference, Las Vegas, NV, 11-13 December, 2011. UC Cooperative Extension, Plant Sciences Department, University of California, Davis, CA 95616.*
- Angadi, S.V., S. Begna, **M. Marsalis**, A. Cole, P.H. Gowda, L. Lauriault, and R. Hagevoort. 2009. Improving resource use efficiency of forage production system by intercropping systems. *In Proceedings, Farming Systems Design Symposium. August 23-26, 2009. Monterey, CA.*