

## **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.*