

Curriculum Vitae of Doohong Min

Education:

- **Ph. D.** in **Agronomy** (Forage Production, Management, and Utilization / Manure Nutrient Management), 1998. University of Maryland, College Park, U.S.A. Thesis title: Assessing the Effectiveness of Forage Crops to Utilize Nitrogen from Dairy Manure. Major advisor: Dr. Lester Vough
- **M. S.** in **Plant Science** (Forage Physiology and Management), 1994. University of Alberta, Edmonton, Alberta, Canada. Thesis title: Study of the Stand Density of Alfalfa. Major advisor: Dr. Jane King
- **M. S.** in **Animal Science** (Forage Crops Production and Management), 1988. Seoul National University, Seoul, South Korea. Thesis title: Effect of Liming and Seed-Coating on Early Growth, Dry Matter Yield and Nutritive Value of Alfalfa, and Soil Properties. Major advisor: Dr. Dong-Am Kim
- **B. S.** in **Dairy Science**, 1985. Sungkyunkwan University, Seoul, South Korea. Advisor: Dr. Hyung-Tae Shin

Work Experience:

- Assistant Professor (60% Teaching and 40 % Research) in Forages/Bioenergy Crops, Kansas State University, Agronomy Department, Manhattan, KS. April, 2014 – Present.
- Assistant Professor/Extension Agronomist (80% Extension and 20% Research), Kansas State University, Southwest Research-Extension Center, Garden City, KS. May 2013-March, 2014.
- Extension Forage Specialist (50 % Research and 50 % Extension, received a continuing employment status at the 6th year equivalent to tenure): Michigan State University Upper Peninsula Research Center in Chatham, MI. 2000 – 2013.
- Post Doctoral Associate: Forage Production, Management, and Utilization / Nutrient Management in the Department of Agronomy, University of Maryland, College Park, Maryland, USA.
- Faculty Research Assistant: Forage Management in the Department of Agronomy; Nutrient Management in Animal and Avian Sciences, University of Maryland, College Park, Maryland, USA.
- Graduate Research Assistant (Ph. D.): Department of Agronomy, University of Maryland, College Park, Maryland, USA.
- Graduate Research Assistant (M. Sc.): Department of Plant Science, University of Alberta, Edmonton, Alberta, Canada.

- Korean Army Medic, Kyunggi Province, South Korea.
- Graduate Teaching Assistant (M. Sc.): Department of Animal Science, Seoul National University, Suwon, South Korea.

Refereed Publications

- **Min, D. H.** and J. Moyer. Establishing legumes in a tall fescue sward. 2015. *American Journal of Plant Sciences*. 6: 355-361.
- Holman J., **D. H. Min**, N. Klocke, and R. Currie. 2014. Irrigation amount and cutting effects on alfalfa nutritive value. *Transactions of the ASBAE*. (accepted)
- Grabber, J., W. K. Coblenz, H. Riday, T. C. Griggs, **D. H. Min**, J. W. MacAdam, and K. A. Cassida. 2015. Protein and dry-matter degradability of European- and Mediterranean-derived birdsfoot trefoil cultivars grown in the colder continental United States. *Crop Science*. 55:1356-1364.
- Grabber, J., H. Riday, K. A. Cassida, T. C. Griggs, **D. H. Min**, and J. W. MacAdam. 2014. Yield, morphological characteristics, and chemical composition of European- and Mediterranean-derived birdsfoot trefoil cultivars grown in the colder continental United States. *Crop Science*. 54:1893-1901.
- Casler, M., S. Bittman, D. Undersander, R. Mathison, **D. H. Min**, J. Robins, J. Cherney, N. Ehlke, R. Leep, G. Shoemaker, C. Teutsch, and W. Coblenz. 2014. Sparse-Flowering Orchardgrass is Stable Across Temperate North America. *Crop Science*. 54:421-429.
- **Min, D. H.**, T. Dietz, W. Everman, A. Chomas, J. Kells, and R. Leep. 2012. Glyphosate-Resistant Alfalfa Response to Harvest Frequency and Weed Management. *Weed Technology*. 26:399-404.
- Nikiema, P., D.E. Rothstein, **D.H. Min**, and C.J. Kapp. 2011. Nitrogen Fertilization of Switchgrass Increases Biomass Yield and Improves Net Greenhouse Gas Balance in Northern Michigan, USA. *Biomass and Bioenergy*. 35 (10): 4356-4367.
- Gao, J., K.D. Thelen, **D.H. Min**, S. Smith, X. Hao, and R. Gehl. 2010. Effects of Manure and Fertilizer Applications on Canola Oil Content and Fatty Acid Composition. *Agron. J.* 102:790–797.
- Thelen, K.D., B.E. Fronning, S.A. Kravchenko, **D.H. Min**, and G.P. Robertson. 2010. Integrating Livestock Manure with Corn-Soybean Bioenergy Cropping Systems Improves Short-Term Carbon Sequestration Rates and Net Global Warming Potential. *Biomass and BioEnergy*. 34:960-966.
- Hall, M. H., J. M. Dilon, D. J. Undersander, T. M. Wood, P.W. Holman, **D. H. Min**, R. H. Leep, G. D. Lacefield, H. T. Kunelius, P. R. Peterson, and N. J. Ehlke. 2009. Ecogeographic Factors Affecting Inflorescence Emergence of Cool-Season Forage

Grasses. Crop Science. 49:1109-1115.

K-State eUpdates

- Min, D. H. and R. Lollato. Planting Tips of Alfalfa in Late Summer and Early Fall. K-State Agronomy eUpdate. August 14, 2015.
- **Min, D. H.**, D. Presley, K. Roozeboom, and D. Shoup. 2014. Planting Oats and Turnips to Extend the Grazing Season. K-State Agronomy eUpdate. August 29, 2014.
- **Min, D. H.** and J. Holman. 2014. Forage Soybeans as an Alternative Forage Crop. K-State Agronomy eUpdate. March 19, 2014.
- **Min, D. H.** and J. Holman. Cool-Season Forage Seeding Rates and Adaptation Characteristics. K-State Agronomy eUpdate. March 12, 2014.
- **Min, D. H.**, and J. Holman. 2013. Why Testing Forages? K-State Agronomy eUpdate. December 13, 2013.
- **Min, D. H.**, and J. Holman. 2013. Tips to Minimize Storage Loss of Large Round Bales. K-State Agronomy eUpdate. November 8, 2013.
- **Min, D. H.**, J. Holman, D. J. Waggoner. 2013. Managing Prussic Acid Poisoning in Forage Sorghums. K-State Agronomy eUpdate. September 27, 2013.
- **Min, D. H.**, D. Mengel, and D. Diaz. 2013. Soil Testing on Hay Fields and Pasture in the Fall. K-State Agronomy eUpdate. September 13, 2013.
- **Min, D. H.**, and S. Zukoff. 2013. Insects Common in Alfalfa in Late Summer to Early Fall in Southwest Kansas. K-State Agronomy eUpdate. September 13, 2013.
- **Min, D. H.**, J. Holman, D. Shoup, D. Diaz. 2013. Fall Horse Pasture Management. K-State Agronomy eUpdate. September 13, 2013.
- **Min, D. H.**, J. Holman, D. Shoup. 2013. Planting Oats and Turnips to Extend the Grazing Season. K-State Agronomy eUpdate. August 30, 2013.

- **Min, D. H.**, J. Holman, D. Shoup. 2013. Planting Winter Triticale for Fall Grazing in Kansas. K-State Agronomy eUpdate. August 16, 2013.
- **Min, D. H.**, J. Holman, J. Shoyer, S. Duncan, D. Shoup. 2013. Pasture Management during and after Drought. K-State Agronomy eUpdate. July 30, 2013.
- **Min, D. H.**, J. Holman, S. Zukoff. 2013. Low Alfalfa Yield from First Cutting Caused by Late Frost, Insects, and Spring Drought. K-State Agronomy eUpdate. June 14, 2013.
- Min, D. H., J. Holman, J. Shoyer, S. Duncan, D. Shoup. 2013. Alfalfa Management during Drought. K-State Agronomy eUpdate. June 28, 2013.
- Holman, J., **D. H. Min**, E. Wolfe. 2013. Drought Stress, Late Effects of Freeze Damage, and Premature Leaf Death in Wheat. K-State Agronomy eUpdate. June 7, 2013.

Abstracts

- **Min, D. H.**, J. Holman, N. Klocke, and R. Currie. 2014. Irrigation Amount and Frequency Effects on Alfalfa Forage Quality. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
- **Min, D. H.**, A. Zukoff, S. Zukoff, J. Aguilar, and C. Randall. 2014. Cutting Frequency Effects on Yield and Nutritive Values of Alfalfa. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
- **Min, D. H.**, and E. A. Santos. 2014. Modeling of Alfalfa Growth under Different Cutting Management Systems. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
- Holman, J., **D. H. Min**, S. Maxwell, and Tom Roberts. 2014. Developing Rainfed Annual Forage Rotations. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
- Grabber, J. H. , W.K. Coblenz, H. Riday, K. A. Cassida, T. C. Griggs, **D. H. Min**, and J. W. MacAdam. 2014. Yield, Morphological Development, and Forage Quality Characteristics of European- and Mediterranean-Derived Birdsfoot Trefoil Cultivars Grown in the Colder Continental United States. Long Beach, CA. November 2-5, 2014.

- **Min, D. H.,** and V. Prasad. 2014. Switchgrass Genotype Study as a Bioenergy Crop in Kansas, USA. RCN Conference on Pan American Biofuels and Bioenergy Sustainability. Recife, Brazil. August 21-25, 2014.
- **Min, D. H. 2014.** Roles of Forages and Grassland Ecosystems in the 21st Century. 2014 Sino-US Forage Technology & Product Conference. Beijing, China. August 9-15, 2014. (as a guest speaker).
- **Min, D. H.,** C. Kapp, K. Cassida and J. Holman. 2013. Switchgrass Performance as a Bioenergy Crop. ASA Annual meeting in Tampa, FL. November 3-6, 2013.
- Holman, J., M. Stamm, T. Roberts, S. Maxwell, and **D. H. Min.** 2013. Companion Cropping and Fall Grazing of Winter Canola. ASA Annual meeting in Tampa, FL. November 3-6, 2013.
- Casler, M.,S. Bittman, D. Undersander, R. Mathison, **D. H. Min,** J. Robins, J. Cherney, N. Ehlke, R. Leep, G. Shoemaker, C. Teutsch, and W. Coblenz. 2011. Sparse-Flowering Orchardgrass is Stable across Temperate North America. ASA Annual meeting in San Antonio, TX.
- Yatso, K, C. Tarasoff, and **D. H. Min.** 2011. Effect of Increasing Weed Competition on Switchgrass Biomass Allocation. North Central Weed Science Society of America. Milwaukee, WI.