

## Kun-Jun Han

### **Research area:**

Forage production, management, evaluation, and utilization

### **Currently Active project:**

USDA Conservation Innovation Grant

USDA NIFA Grant multi-species application

USDA NIFA pollinator Grant

### **Recent Publication & Presentations:**

- Han, K.J., and W.D. Pitman. 2020. Impact of heat damaged corn gluten meal as fertilizer on forage production during winter and summer seasons and soil characteristics. *J. of Agric. Sci.* 12:67-77.
- Han, K.J., and Alison, M.W. 2020. Cover crop and tillage affect sweet sorghum production and soil chemical properties. *Agronomy Journal*. 112: 107 - 116. DOI: 10.1002/agj2.20038
- Bridges, K.M., L.M. Fultz, M.W. Alison, K.J. Han, B. Macoon, and W.D. Pitman. 2019. Quantifying soil health in a topographically diverse warm-season perennial pasture over-seeded with a mix of cool-season annuals. *Agr Ecosyst Environ*. 282:58-68.
- Kim S., W.D. Pitman, W.M. Alison, and K.J. Han. 2019. Comparison of N compound partition in legume forage. *Proceedings 73rd Southern Pastures and Forage Crop Improvement Conference*. p. 16. May 21-23, 2019, Roanoke, VA.
- Bruce-Smith, A., M.W. Alison, K.J. Han, W.D. Pitman, L.M. Fultz, D. Lang, K.R. Reddy, B. Rude, and B. Macoon. 2019. Harvest management effects on growth of winter cover crop mixtures and subsequent hay production. *Proceedings 73rd Southern Pastures and Forage Crop Improvement Conference*, p. 10. May 21-23, 2019, Roanoke, VA.
- Han, K.J., D.J. Smith, and W.D. Pitman. 2018. Potential of cool-season species as cover crops and forage in the Southeastern United States. *Crop, Forage, and Turfgrass Management* 4 (1): 170038. doi: 10.2134/cftm2017.05.0038
- Han, K.J. 2018. Evaluation of rapeseed for winter forage production potential in lower southeast region. In *Proceedings of the 72nd Southern Pasture and Forage Crop Improvement Conference*, p. 12. May 14-16, 2018. Fayetteville, AR.
- Han, K.J., C. Jeong, and C. Overstreet. 2018. Evaluation of Hairy Vetch and Rapeseed as Winter Cover Crops on Row Crop Productivity and Soil Health. Presentation # 214-1028 In 2018 ASA-CSSA Annu Meet., ASA-CSSA Society, Baltimore, MD, 4-7 Nov, 2018, ASA-CSSA-SSSA Soc., Madison, WI.
- Rice, L., K.J. Han, and E.T. Twidwell. 2018. Challenges of alfalfa production on warm-season grass dominant pastures, 2018 AFGC Conference, Louisville KY., 14-17 January 2018.
- Bridges, K., L.M. Fultz, M.W. Alison, K.J. Han, W. Pitman, and B. Macoon. 2018. Changes in soil health of a perennial pasture over-seeded with winter annuals (Presentation). ASA-CSSA International Meeting (November 4-7), Baltimore, MD.
- Han, K.J. 2017. Evaluation of Various Biomass Feedstock for Degradability and Energy Content. Abstracts #107438, 2017 ASA-CSSA-SSSA annu. meet., Tampa, FL. 22-25 Oct. 2017. ASA-CSSA-SSSA, Madison, WI.

- Rice L, and K.J. Han. 2017. Impact of fertilization on productivity of biomass and nutritive value of alfalfa overseeded warm-season grass pasture in southcentral LA. Nitrogen Use Efficiency Conference, Baton Rouge LA. August 7-9.

### **Service Activity**

- Southern Pasture and Forage Crop Improvement, Chair (2019),
- Board member of Louisiana Forage and Grassland Council
- Member of the Asian-Australasian Journal of Animal Sciences editorial board since 2007
- Louisiana Forage and Grassland Council President (2015)
- Louisiana Forage and Grassland Council - Board member (public education)

### **Personally Identifiable Information:**

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