

UF/IFAS Range Cattle Research & Education Center

José Luiz Carvalho de Souza Dias

Biographical Information

In 2007, José began his Agronomy undergraduate program at Sao Paulo State University (Universidade Estadual Paulista – UNESP/Jaboticabal, SP/Brazil).

From July 2011 to November 2011 he worked at the Range Cattle Research & Education Center, UF/IFAS, as a student intern, advised by Dr. Brent Sellers. During his internship, he worked with Weed Science, conducting experiments in order to determine the selectivity of several cultivars of tropical forages for new herbicides.

Jose completed his Masters Degree from March 2013 to December 2014, in the Crop Production Department at Sao Paulo State University (Universidade Estadual Paulista – UNESP/Jaboticabal, SP/Brazil) advised by Prof. Dr. Dagoberto Martins, developing research projects in the area of herbicide selectivity in pre-budded sugarcane seedlings.

In the fall of 2015, Jose returned to the Center as a Ph.D. student advised by Dr. Brent Sellers. The main objectives of his research were i) assess the effects of simulated rainfall volumes on smutgrass control and bahiagrass selectivity treated with foliar applied hexazinone; ii) evaluate the efficacy of smutgrass control using the weed wiper method; iii) quantify the response of smutgrass and bahiagrass herbage mass to burning, stocking density, and hexazinone application rate; and iv) determine the impact of burning and stocking density on the nutritive value of smutgrass and bahiagrass in order to evaluate the impact of smutgrass cover on cattle performance using nutrition models. Jose completed his Ph.D. in Agronomy in summer 2019.



Ph.D., Summer 2019

Contact Information

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Jose accepted a postdoctoral position at the University of Wisconsin in Madison. He began there in Sept. 2019.