

Araceli Maderal

PhD Student

Araceli Maderal was born in Argentina. Since she was a child, she has been interested in nature and livestock production. This interest led to pursuing an undergraduate degree in Agricultural Engineering at Universidad Nacional de La Plata, where she affirmed her interest in animals, and more precisely, ruminant nutrition. In 2020, upon completion of her undergraduate studies, Araceli was accepted for an internship with Dr. DiLorenzo at the University of Florida, North Florida Research and Education Center in Marianna. As a result, Araceli was invited to pursue a MS under the advisement of Dr. DiLorenzo in 2021, with a focus in evaluating the potential of a *Bacillus* spp. direct-fed microbial to modify ruminal fermentation, enhancing beef cattle production and mitigating environmental impacts. In 2023, Araceli began a PhD program, in which she focused on evaluating the effects of various combinations and doses of non-protein nitrogen sources as a nutritional strategy for beef cattle production systems, and their effects on production, animal health, and methane emissions.