# D/A

# DIEGO AVILES

avilesdiegof@gmail.com

Lubbock, TX

## About

Experienced in the handling, management, and care of dairy and beef cattle. Currently a graduate student in Dr. Norris's lab, he holds a bachelor's degree in crop science and animal production from Zamorano University in Honduras. His diverse research portfolio spans genetic evaluators for dairy herds, improvements in dairy cattle feed, grazing techniques, virtual fencing, crop nutrition, calving health, and silage structure efficiency. With a focus on livestock grazing systems.

## Education

### PhD in Natural Resources Management

Texas Tech University

2024 - Present

### Master of Science in Natural Resources Management

Texas Tech University

2023 - 2024

### Bachelor of Science Agricultural engineering

Zamorano University

2015 - 2018

## Skills

Ability to Work in a Team
Communication Skills
Microsoft Office
ARCGIS
Google Earth Cloud System

## Experience

### Graduate Research Assistant

*Texas Tech University / Lubbock, TX*

2023 - Present

- Conduct comprehensive field research with a primary focus on water-limited forages and precision grazing systems.

### Farm Manager

*Lacteos La Esperanza / Guatemala*

2022

- Oversaw the comprehensive management of a dairy herd, including the implementation of a strategic grazing system, formulation of nutritional plans, and efficient silage production. Played a pivotal role in managing the genetic aspects of the farm, ensuring optimal breeding outcomes, and effectively led and supervised the workforce

### Farm Manager and Field Teacher

*Zamorano University / Honduras*

2019 - 2021

- Oversaw dairy herd production, with a focus on feeding, herd database management, and implementing effective sanitary and breeding practices. Managed the sale of heifers and sires, optimizing revenue streams. Also oversaw forage, grazing, budgets, and personnel, fostering a collaborative work environment. As a Field Teacher, I shared practical insights within the Dairy Production Unit, contributing to syllabi and exams. I provided guidance for thesis trials and supervised private sector investigation trials.