



Job Title: Bilingual Animal Breeder Scientist

Department: Research & Development / Genetics / Animal Science

Reports To: Ortega's Cattle & Agriculture Operations

Location: Hempstead, Texas

Position Summary

The Animal Breeder Scientist is responsible for designing, implementing, and optimizing breeding programs to improve genetic traits in animal populations. This role combines expertise in genetics, reproductive biology, and data analysis to enhance productivity, health, and sustainability outcomes. Requires onsite-ranch on call visits 24 hours a day, 7 days a week, to provide timely care and respond to all breeding-related needs.

Key Responsibilities

- Develop and manage selective breeding programs based on genetic principles and organizational goals
 - Analyze phenotypic and genotypic data to guide breeding decisions
 - Apply modern tools such as genomic selection, quantitative genetics, and bioinformatics
 - Collaborate with veterinarians, nutritionists, and farm/production teams to ensure optimal animal performance
 - Monitor breeding outcomes and adjust strategies to improve traits such as fertility, growth rate, disease resistance, and product quality
 - Maintain accurate breeding records and databases
 - Ensure compliance with animal welfare standards and regulatory requirements
 - Lead or contribute to research projects and publish findings where applicable
 - Train and guide junior scientists, technicians, and farm staff
 - Must be available at all hours to handle breeding-related care and emergencies.
 - Performs ranch-related duties as assigned.
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Required Qualifications

- PhD or Master's degree in Animal Science, Genetics, Biology, or related field
- 3–7+ years of experience in animal breeding, genetics, or a related discipline
- Living on-site is required to ensure immediate response to animal health, security, and operational needs.
- Requires onsite-ranch on call visits 24 hours a day, 7 days a week, to provide timely care and respond to all breeding-related needs.
- Strong knowledge of quantitative genetics and breeding methodologies



- Experience with data analysis tools (e.g., CattleMax)
- Familiarity with genomic technologies and breeding software
- Excellent analytical and problem-solving skills
- Obstetrics and animal husbandry – Knowledge of best practices for livestock animal breeding that deals with medical and surgical care of together with adjustments to the female animal in breeding, gestation, labor, postpartum and care of the newborn.

Preferred Qualifications

- Experience with specific species (e.g., livestock, poultry, aquaculture, or companion animals)
- Extensive knowledge of reproductive technologies (e.g., artificial insemination, embryo transfer)
- Publication record in peer-reviewed journals
 - Experience in commercial breeding programs or biotech environments

Key Competencies

- Bilingual: English and Spanish language skills (spoken and written) are required for this role.
- Strategic thinking and decision-making
- Data-driven mindset
- Collaboration and cross-functional communication
- Attention to detail and scientific rigor
- Project management skills

Working Conditions

- Combination of office, laboratory, and field/farm environments
- Requires travel to various ranch breeding sites throughout Texas
- Frequent exposure to animals and agricultural settings

Compensation & Benefits

- Competitive salary based on experience
 - Health, dental, and vision insurance
 - Retirement plan options
 - Professional development and research opportunities
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Equal Opportunity Statement

Ortega's Cattle & Agriculture LLC. is an equal opportunity employer and is committed to fostering a diverse and inclusive workplace.
