



Livestock Production Programming

This program is dedicated to developing sustainable farming/ranching operations. We focus on increasing the health and productivity of livestock through optimizing nutrition, and reproduction. The purpose is to ensure that these agricultural operations are not only profitable but they are also friendly to the community and the environment. The information provided is based on research from accredited sources and is intended to increase producer knowledge and productivity.



PRAIRIE VIEW
A&M UNIVERSITY
COLLEGE OF AGRICULTURE
AND HUMAN SCIENCES



Cooperative Extension Program

Agriculture and Natural
Resources

Prairie View A&M University's Cooperative Extension's Program (CEP) Agriculture and Natural Resources (AgNR) unit seeks to empower farmers and ranchers to achieve their goals through education and technical assistance. AgNR's aim is to ensure a sustainable, profitable, and competitive food and fiber system in the State of Texas by addressing the knowledge gap facing many Texans in areas of crop production and utilization, livestock production, and economics and management for sustainable agriculture.

To learn more about how you can implement an Agriculture and Natural Resources program in your area, contact your local AgNR professional.

For more information contact
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Livestock Management Programs



Increasing Small Ruminant Production & Beef Cattle Production and Management

Texas is #1 in goat meat inventory and total cattle inventory in the nation (USDA, 2017). The variety of climates in Texas vary greatly from the east to the west. There is a need for educational programs that can provide information for region specific suggested management practices. The goal is to produce animals that are able to maintain themselves and also provide quality output: be it meat, milk material, or fiber.



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Starting with the end in mind is key when looking to improve production for any agricultural enterprise. Livestock are no exception. Knowing what your consumers want determines how you will proceed.

Priming for Production

From Management to Marketing

- There are many things to consider when managing livestock. Understanding the market will help you, as a producer, determine the best management practices to achieve optimal production.
- Breed selection can help increase genetic diversity and can influence animal production. Programs will focus on ways to help producers raise desirable market animals to meet market demands.
- Animal Health and Nutrition programs educate producers on best management practices for herd health. Proper health management and appropriate nutrition work hand-in-hand to keep animals at their best, physically, so production potential can remain high.
- Artificial Insemination techniques are helpful in increasing genetic diversity in a herd without the added expense of maintaining a buck. It also is a tool for breeding out of season for seasonal breeding animals like goats.

• **Topics covered:**

- Breed Selection
- Artificial Insemination (A.I.)
- Animal Nutrition
- Health Management
- Culling Protocol Development
- Keeping Proper Production Records
- Land and Pasture Management
- Marketing your product
 - Market Trends
 - Ethnic Preferences/ Calendar
 - Value-Added Products
 - Processing and Distribution

We welcome you to attend one of our programs or request us to speak at your event!

Program Details

- **Target Audience:** Adults and youth who are interested in learning about the different ways to increase small ruminant production in their dairy and meat goat herds.
- **Program Format:** The style of this program can vary to meet program needs. It can be delivered as a workshop series focusing on specified topics or as a 1-day stand alone program for an overview of all subjects. It includes:
 - Lecture: Gives relevant background information for each topic
 - Hands-on Demonstrations or on-farm options
- **Program Objectives are for participants to:**
 - Understand proper land & animal care and management
 - Identify desired market and develop strategies to meet market demand
 - Implement best management practices for small ruminant production