Program: Small Ruminants and Exotic Animals Logic Model

Situation: It is estimated that in 2017, Kentucky had 48,000 head of sheep, a decrease of 5,000 from the previous year. Breeding sheep and lambs were estimated at 38,000 and market sheep and lambs were estimated at 10,000 head. Lamb from increased by 3,000 between 2016 and 2017. The goat inventory decreased by 3,000 between 2016 and 2017 for an estimated 56,000 head. Milk goat (5,500 head) increased by 500 from the previous year.

Inputs
- UK specialists, agents and resources
- KSU specialists, agents and resources
- Kentucky Department of Agriculture
- Commodity organizations

Activities
- Program
- Newsletters
- Field Days
- On-farm visits
- Webinars
- Media

Outputs
- Sheep producers
- Goat producers
- Exotic animal producers
- Consumers

Participation
- Observe and/or locate how to correctly test soil & hay and/or recognize weeds, pests and disease

Outcomes
- Short
  - Used diagnostic services to improve soil, the environment, and/or animal health
- Medium
  - Gained knowledge of small ruminants including:
    - Animal health
    - Nutrition
    - Breeding / genetics
    - Facilities and handling
    - Environmental impact
    - Business management
    - Marketing
  - Adopted Extension practices to improve:
    - Animal nutrition
    - Genetics and reproduction
    - Quality or quantity of dairy production
    - Parasite treatment program
- Long
  - Maintain or improve agriculture operations with small ruminants and/or exotic animals
  - Minimize the environmental impact of agriculture operations
  - Increase profits, reduce expenses, and/or minimize risk
  - Mentor new and beginning farmers

Assumptions

External Factors