

# Senegal Dairy Genetics: Establishing a unique information resource on low-input dairy systems

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**Data on the productivity and profitability of alternate breed-use in developing country livestock production systems is scarce. The Senegal Dairy Genetics project is generating such data, resulting in a unique information resource.**

## Data overview

- 250 households with 3500 animals
- 800 animals with milk records
- 4 main breed groups
- 15 month monitoring period

## Productivity data

- Milk quantity and quality
- Reproduction
- Survival

## Economic data

- Benefits - income from milk and calf sale, home milk consumption, manure use
- Costs - labour, health-care, feed, water, animal housing, marketing

## Gender data

- Who pays costs or provides labour
- Who receives benefits



All animals are ear-tagged with a unique number



Field staff visit each farmer monthly to collect data



Milk measurements are taken from all lactating cows

**This information will aid the identification of appropriate livestock development interventions, contributing to reducing the livestock yield gap between developing and developed countries.**