

## **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 developoing 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



#### All animals are ear-tagged with a unique number



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

### 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.

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