

- Sustainability of economic cycle increased by improving efficiency of production
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Improvement at

1. Short-term (< 1 year)

▷ Management

▷ Select breed/population that optimized for environment

2. Long-term (Generation interval of livestock)

- improvement of a population at the genetic level

- Define breeding goal

 - (set traits to improve)

 - directions that mean improvement

- Select parents of future generation

- Offspring "closer" to breeding goal compared to parents.

Genetic Improvement of a given Trait (Methane, Ketosis)