Non-CO₂ Greenhouse Gases: Methane

Source/Sectors: Agriculture/Enteric Fermentation

Technology: Improving reproduction (A.3.1.6)

Description of the Technology:
Many ruminants are maintained for purpose of producing offspring. By improving animals’ reproductive efficiency, methane emissions per unit product can be reduced. The potential strategies include twinning, embryo transplantation, and artificial insemination, and estrus synchronization (de Jager et al., 2001).

Effectiveness: Unknown

Implementability: Fair

Reliability: Unknown

Maturity: Low

Environmental Benefits: Methane emission reduction

Cost Effectiveness: None reported.

Industry Acceptance Level: Low

Limitations: Maturity of the technologies.

Sources of the information:


