

Non-CO₂ Greenhouse Gases: Methane

Source/Sectors: Agriculture/Enteric Fermentation

Technology: Intensive grazing (A.3.1.7)

Description of the Technology:

In a management-intensive grazing system, cattle are frequently rotated between pastures to allow recently-grazed pastures time to regrow and to provide cattle with more nutritious pasture grazing. This option may reduce animal yield, but it will decrease methane emission by an even larger percentage (USEPA, 2006).

Effectiveness: Fair

Implementability: Readily implementable

Reliability: Low

Maturity: Fair

Environmental Benefits: Methane emission reduction

Cost Effectiveness: None reported.

Industry Acceptance Level: Low

Limitations: Potential reduction in animal yield.

Sources of the information:

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12. U.S. Environmental Protection Agency (2006b) "Global Mitigation of Non-CO₂ Greenhouse Gases", Office of Atmospheric Programs, United States Environmental Protection Agency, EPA-430-R-06-005, June 2006.