

Technology Fact Sheet

Nutrition improvement through mechanical and chemical fodder processingⁱ

1) Technology status

Fodder is processed mechanically (grinding, milling, mixing, etc.) and chemically (fermentation, ensilage micronutrient enrichment, etc.) to accelerate cattle metabolic rates, and thus increase cattle weight per unit of fodder.

2) Social, economic and environmental benefits

- Increasing cattle digesting efficiency, enhancing cattle productivity on a unit of feed.
- Cutting feed costs and farmer labor.
- Promoting concentrated livestock farming.

3) Application potential

Supply mechanically and chemically processed fodder for 5 million cattle, 10 million pigs and 100 million poultry, by 2020; 8 million cattle, 30 million pigs and 150 million poultry by 2030.

4) Barriers

- Free-range is still a common practice; farmers pay very little attention to intensive farming to increase productivity.
- Fragmented livestock raising makes it hard to apply the technology.
- Lack of planning for cattle feeding.

ⁱ This fact sheet has been extracted from TNA Report - Mitigation for Vietnam. You can access the complete report from the TNA project website <http://tech-action.org/>