

Adoption factors of forage innovations in cattle production systems in the northwest highlands of Vietnam

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NTRODUCTION

- Cattle systems in Vietnam are increasingly moving towards. intensification (Ba et al., 2012); however, farmers in Northwest Highlands face several challenges to fulfilling the demand for cattle feed and increasing yields demanded by an evolving market (Atieno et al., 2021).
- Different initiatives from the government (National Target Program for Livestock Development) and NGOs (Li-Chan Project

RESULTS



and recently SAPLING) have actively promoted and disseminated improved forage varieties to address cattle nutritional management challenges.

OBJECTIVE

To discern the preferences among forage varieties promoted over the past five years and identify encouraging factors among farmers.

METHODOLOGY

- Employing a qualitative approach based on what Tim et al. (2022) outlined, we explore encouraging factors, most adopted forage technologies (FT), perceived benefits, and other factors that might evolve a challenge for FT adoption.
- purposive sampling method was employed A to ensure representation of both men and women farmers, adopters and non-adopters.
- > Then, 42 semi-structured interviews were conducted in six villages in Chieng Luong and Chieng Chung communes within the Mai Son district.

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Figure 1. Encouraging and discouraging factors to adopt FT in NWH in Vietnam, by farm typologies.

CONCLUSIONS & RECOMMENDATIONS

- > Information transfer campaigns should continue and be extended since farmers have shown high receptivity to promotion through projects and social networks that have had contact with the projects.
- > Type A and B production systems are slightly more market-oriented than C1 and C2. In this sense, encouraging factors for the first ones focused on FT performance and cattle weight gains. Hence, the communication strategy could focus on showing technical results (e.g., farmers' tours and demo farms). While C1 and C2 farmers require greater access to information in general.
- > Most financing methods are own savings, although farmers have credit access to sources with relative ease. This means that incentives for any kind of investment are closely linked to the performance of the beef market and cattle sales.
- > FTs are still in their initial dissemination phase. Although the demand has not been estimated accurately, it is compulsory to articulate them with current national livestock development programs to reach a broader impact and scope to disseminate promising technologies.

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