EVALUATION OF FEED RESOURCES FOR SUSTAINABLE LIVESTOCK PRODUCTION IN LAO PDR: THE CASE OF NONGHET AND PHONXAY DISTRICTS

Eric Owusu Danquah¹, Soytavanh Mienmany¹, Souksamlane Khamphoumee³, Mary Atieno², Million Gebreyes⁴, Kindu Mekonnen⁴

¹ International Center for Tropical Agriculture, Tropical Forages Program, Laos.; ²International Center for Tropical Agriculture, Tropical Forages Program, Vietnam.; ³Livestock Research Center, National Agriculture & Forestry Research Institute, Laos.; ⁴International Livestock Research Institute, Ethiopia.

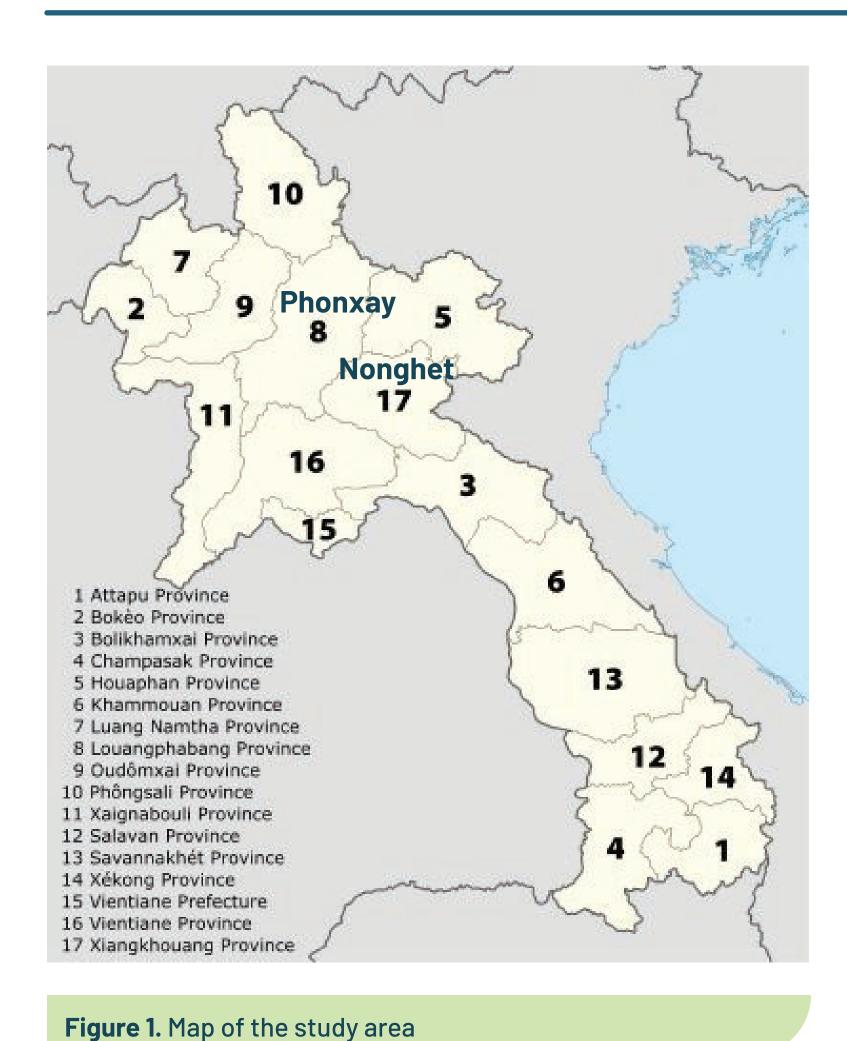


E. Owusu Danquah
Farming Systems Specialist | Crops for
Nutrition and Health | Asia Hub
Contact: E.Owusu-Danquah@cgiar.org

Introduction

- ▶ Regional increase in demand for livestock and products¹.
- ▶ Sustainable feed production a major challenge to livestock production in Lao PDR².
- ▶ Improved animal nutrition would improve livestock productivity and livelihoods in Lao PDR.
- ► Context-specific assessment of local feed resources, opportunities and challenges will inform design of strategies for sustainable forage and feed options.

Methodology



Gendered Feed Assessment Tool (G-FEAST)³.

2 villages each in Phonxay and Nonghet Districts, Lao PDR (Fig. 1).

8 FGDs (4 men and 4 women) (Fig. 2)

48 Individual Interviews (IIs) (24 men and 24 Women (Fig. 2)



Figure 2. Group Female (A) & Male (B) Discussions and Individual Female (C) and Male (D) Interviews during the study

Results

- Livestock (cattle) and crop production are the major HH income sources (Figs. 3 & 4).
- Livestock Feed mainly by free grazing, cut-and-carry to a limited extent.
- Main forages grown include *Urochloa ruziziensis* (Ruzi) and *Cenchrus purpureus* (Napier) and of low nutritional quality (Figs. 5 & 6).
- ▶ Major livestock-related activities and decision making are taken by men than women(Figs. 7 & 8).



Conclusions

Acute feed shortage is a major challenge especially during the dry season, as well as over-reliance on low-quality feed resources such as grazing on rice fields after harvest and low-quality forages. There is a need to promote locally-suited and gender sensitive intervention strategies such as promoting improved forage varieties, feed and forage utilization practices and capacity building on feed technologies e.g., diet formulations and feeding regimes.

References

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Acknowledgments

This work was conducted as part of the CGIAR Initiative on Mixed Farming Systems. We thank all donors who globally support our work through their contributions to the CGIAR System.













