

# **Participatory Evaluation of the effects of Enclosures in Livestock based livelihood in Pserum, west Pokot**

By: Naninaomi and  
Eshetu

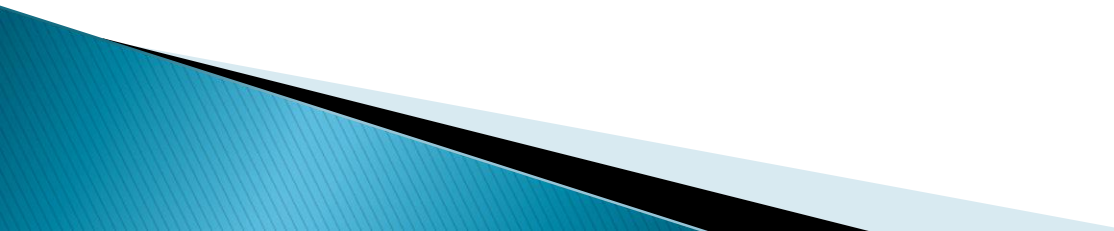
5 December, 2014



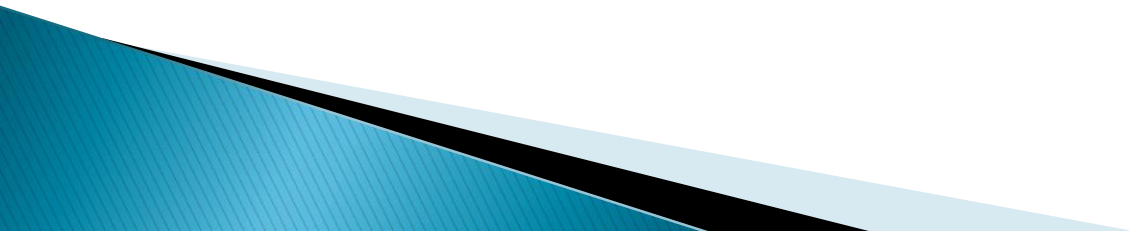
# Introduction

- ▶ Using enclosures in west Pokot has been practiced for more than ten years via introduce by agro-forestry
- ▶ The effects of this system on the dominant livestock based livelihood in the area has not been studied and documented

# Methods

- ▶ **Semi-structure interviewing**
    - **Six households**
    - **Five villages**
  - ▶ **Direct observation**
  - ▶ **Seasonal calendar**
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# Results and Discussion



# What are the grazing practices in the enclosure system?

- ▶ One paddock system

- Lack of labour
- Lack of land (share land)
- Old age
- Less pasture
- No maize stock, or hay for supplementation
- Lower livestock number (9-12 cattle, more sheep and goats)



# Grazing systems Cont'd

- ▶ Multiple paddock system
  - 2- 6 paddock (0.5 – 0.75) hectare
  - Practicing rotational grazing system
  - No seeding pasture
  - No tree planting
  - Have stock in the paddock
  - Hold more livestock, 15-44 cattle, more sheep and goats
  - ❖ Migration of livestock in search of pasture to Uganda during draught



# What are the benefits and constraints of using of enclosures on livestock management?

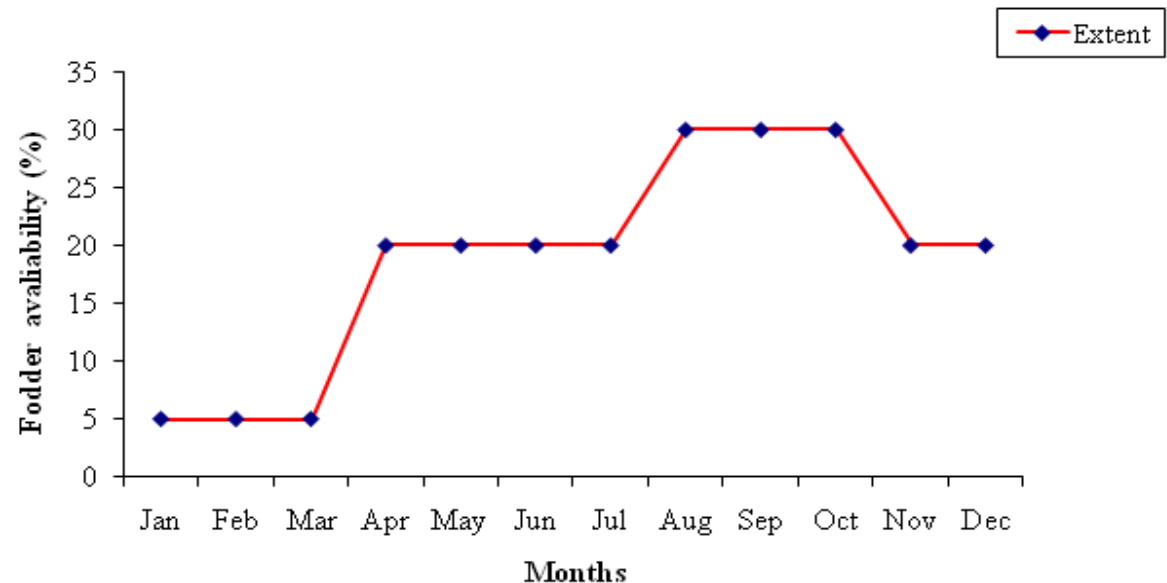
## ▶ Benefits ;

- ✓ pasture
- ✓ milk
- ✓ to avoid movement
- ✓ to improve cultivation
- ✓ to prevent disease such as trypanosomes and ticks

# Benefits and constraints Cont'd

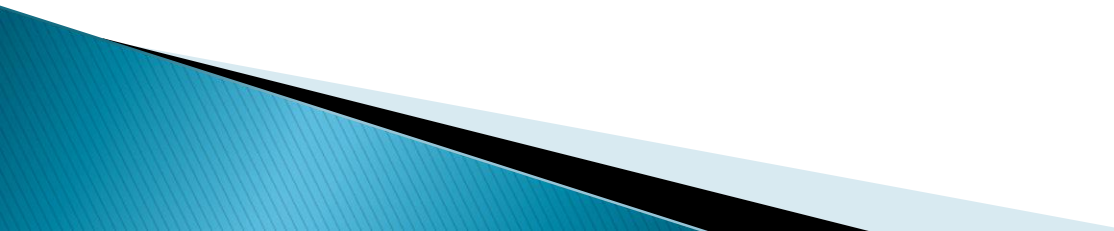
- ▶ Constraints;
  - Because of variation of fodder availability throughout the year

- Jan- Mar; poor

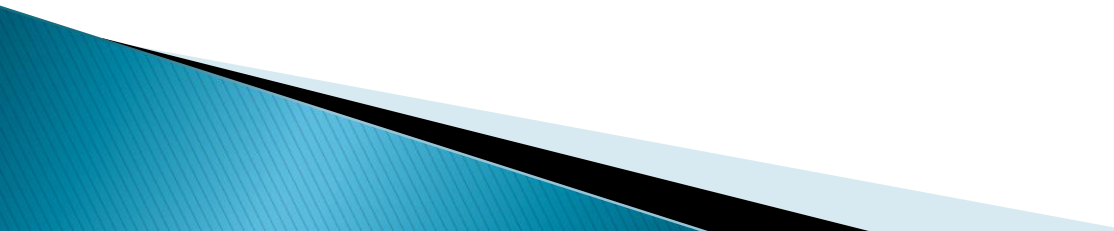


- Apr – Jul and Nov – Dec; good
- Aug – Oct; very good

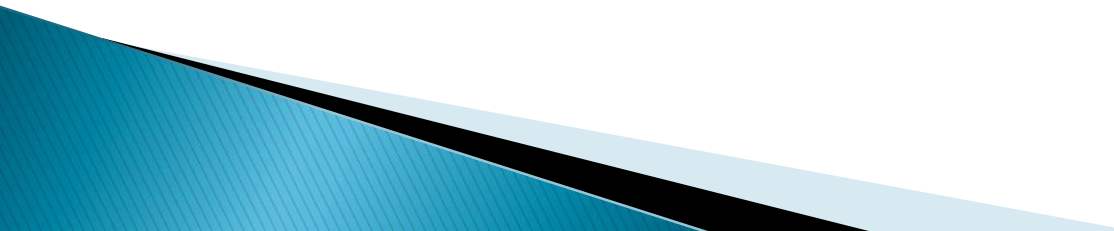


- Once it exhausted the only alternative move the livestock out
  - Enclosures limit livestock number (poor breed)
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# Conclusion and Recommendations

- ▶ Enclosures limit the number of livestock and even breeds
  - ▶ Multiple paddock enable rotational grazing
  - ▶ During drought (high stress) they moved their livestock to far from home, and then it brought conflicts, disease for livestock
  - ▶ Over burden activities on females
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# Recommendations

- ▶ more intervention should be needed during dry season feeding
  - ▶ The county gov't should provide vet. services to area
  - ▶ More knowledge, or intervention should be provide in the area for pasture seeding and tree planting
  - ▶ The county gov't should intervene to access pip water, or borehole for their consumption as well as for livestock
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Thanks !!