

Characterization of Sheep fattening Cooperatives in Ethiopia

Nahom Ephrem

August, 2018



Presentation Outlines

- **Basic Characteristics**
 - Individual/Members Characteristics
 - Organizational Characteristics
- **Farm Resources**
- **Fattening System**
 - Feeding System
 - Feed Resources
- **Major Diseases**
- **Marketing Systems**
- **Major Challenges**
- **Conclusions**

Basic Characteristics of SFCs in Ethiopia

- Individual/ Members Characteristics

□ Age Structure:

- ❖ Majority (73.1%) of the members were from 18-30 years of age

□ Sex Structure

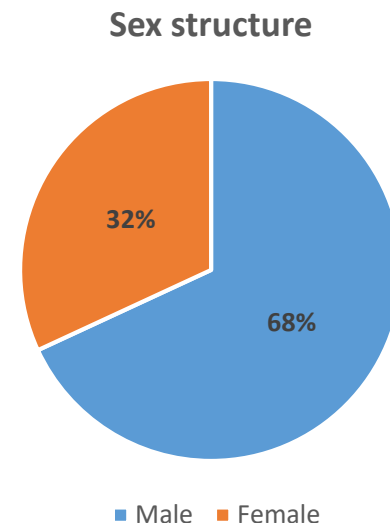
- ❖ Men members were significantly ($p < 0.01$) higher than women counterparts

□ Sex Structure

- ❖ Men members were significantly ($p < 0.01$) higher than women counterparts

□ Educational Status:

- Most members took a formal education
 - **Literate (70.1 %)**
 - **Read and Write (21.3%)**
 - **Illiterate (7.8%)**



Organizational Characteristics

□ Initiation of Start-up and Source of Capital

❖ Majority (92.6%) of SFCs were initiated by the local Government

- District Cooperative office,
- Job Opportunity Creation and
- TVT & Enterprise office

❖ SFCs that took loan as a start-up capital were significantly higher ($p < 0.001$) than those receive a free capital

□ Location

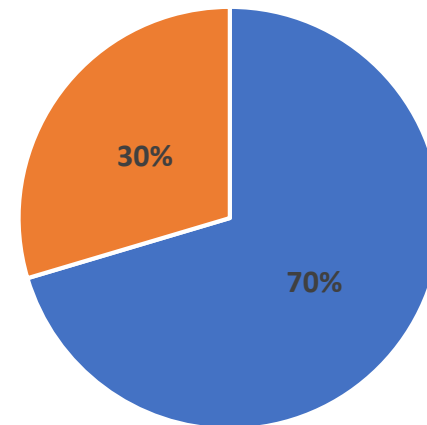
❖ Most SFCs were distributed in rural areas of the country

□ Gender Basis

❖ Three type of gender based SFCs were identified

- Men only (29.6%)
- Women only (7.4%) &
- Mixed (63%)

Distribution of SFCs



■ Rural ■ Urban & Peri-urban

Farm Resources

□ No of Fattening Ram

- ❖ 29.4, 15.4, 17.8, and 18.1 rams in Amhara, Tigray, SNNPRs and Oromia regions, respectively.

□ Land Size (ha)

- ❖ 1.16 ha including the fattening shed

□ Housing Type

- Separate (76.1%)
- General Livestock Shed (21.0)
- Others (2.9%)

□ Access/ Infrastructure

- ❖ Access to:
 - Training (93.0%)
 - Road (77.1%)
 - Electricity (45.5%)
 - Credit (93.3%)

□ Water Source

- ❖ Distance to nearest water source
 - River (42.0%%)
 - Spring (24.9%)
 - Tap (33.1%)

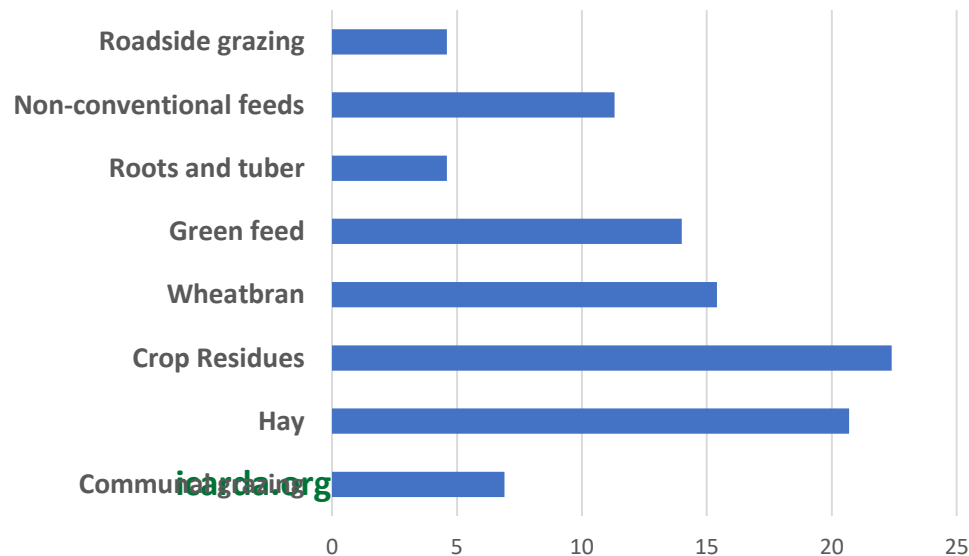
Fattening Practice

Feeding System

- ❖ Grazing + Supplementation
- ❖ Total confinement

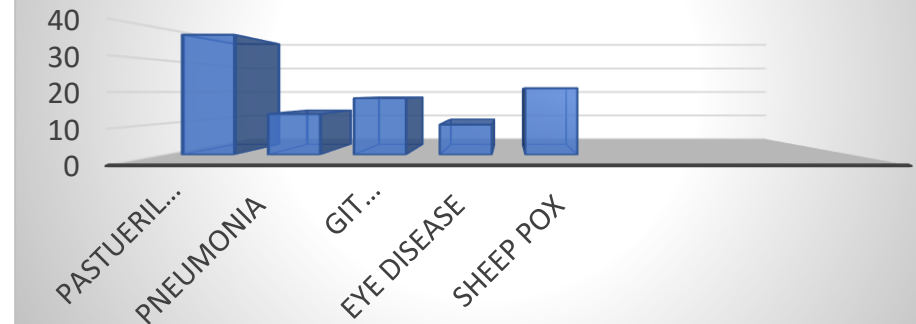
Feed Resources

Major Feed resources in SFCs



Major Diseases

Major Disease of Fattening Sheep



Vet Service

Therapy Used

- Modern (78.2%)
- Traditional (6.4%)
- Both (15.4%)

Source of Vet service

- Governmental (69.9%)
- Private (30.1%)

Marketing of Sheep

Criteria of Finalizing Fattening

- Season (38.2%), No of fattening months (38.5%) and Conditions score (23.2%) were the criteria used.

Distance to nearest market

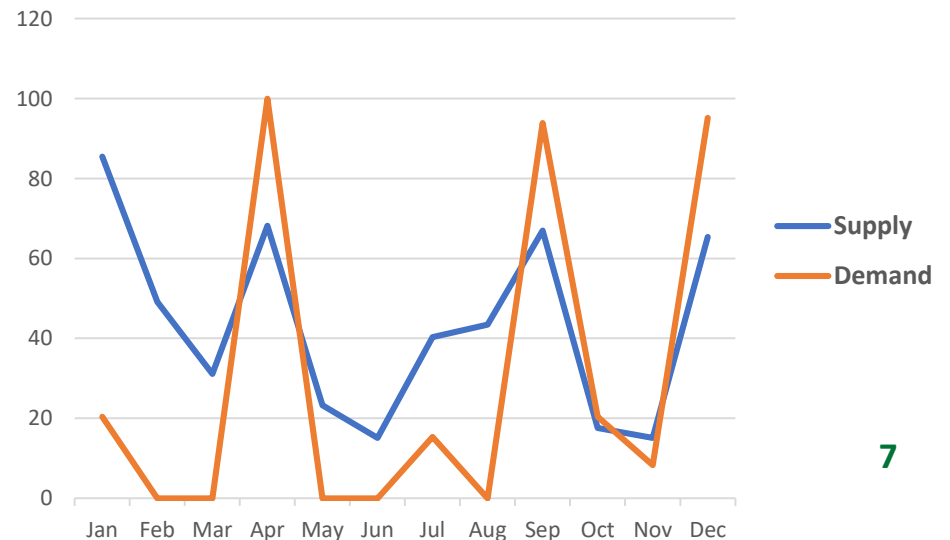
- The distance of nearest market was 9.7 km.

Transportation used

- Trekking (92.6%)
- Cars (3.5%)
- Other (3.9%)

Marketing Roots/Channels

- ❖ **Channel 1:** Sheep purchased by big traders
- ❖ **Channel 2:** Sheep purchased by small traders/collectors
- ❖ **Channel 3:** Sheep slaughtered at hotels and butcheries
- ❖ **Channel 4:** Sheep purchased by individual consumers



Major Challenges of Sheep Fattening

Major Challenges

- High feed scarcity and price
- Poor market information and linkage
- Insufficient vet service
- Limited technical support and follow up

| Major challenges (%) | Rank | | | | | | |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 1 st | 2 nd | 3 rd | 4 th | 5 th | 6 th | 7 th |
| Feed | 42.7 | 14.0 | 2.5 | 6.7 | 2.9 | - | - |
| Disease | 5.7 | 6.1 | 9.6 | 15.9 | 42.4 | 16.2 | - |
| Water | 13.1 | 9.2 | 29.3 | 42.4 | 2.5 | 6.1 | - |
| Market | 30.3 | 39.8 | 5.1 | 15.3 | 8.9 | 3.2 | - |
| Extension service | 8.0 | 19.4 | 44.3 | 12.7 | 18.5 | 17.8 | - |
| Space | - | - | - | 1.9 | 20.1 | 3.8 | 28.9 |
| Money | 0.3 | 11.5 | 9.2 | 5.1 | 4.8 | 3.5 | 36.6 |
| Policy | - | - | - | - | - | 15.6 | 34.5 |

Concluding Remarks

- Members have an access to training, loan and other infrastructure
- SFCs had a separate housing and better feeding system as compared with smallholder fatteners
- Major actors on sheep marketing were Consumers, retailers, small and big traders
- SFCs face different challenges
- Both Governmental and NGOs give due attention



Thank you....