

Is small dairy farming dying? An in depth



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INTRODUCTION

- Dairy is currently the top-ranking commodity in India.
- The lives and livelihoods of small farmers are becoming increasingly vulnerable.
- Dairy development practices are one of the key components for poor development.
- Changes in the dairying environment have important implications.

OBJECTIVES

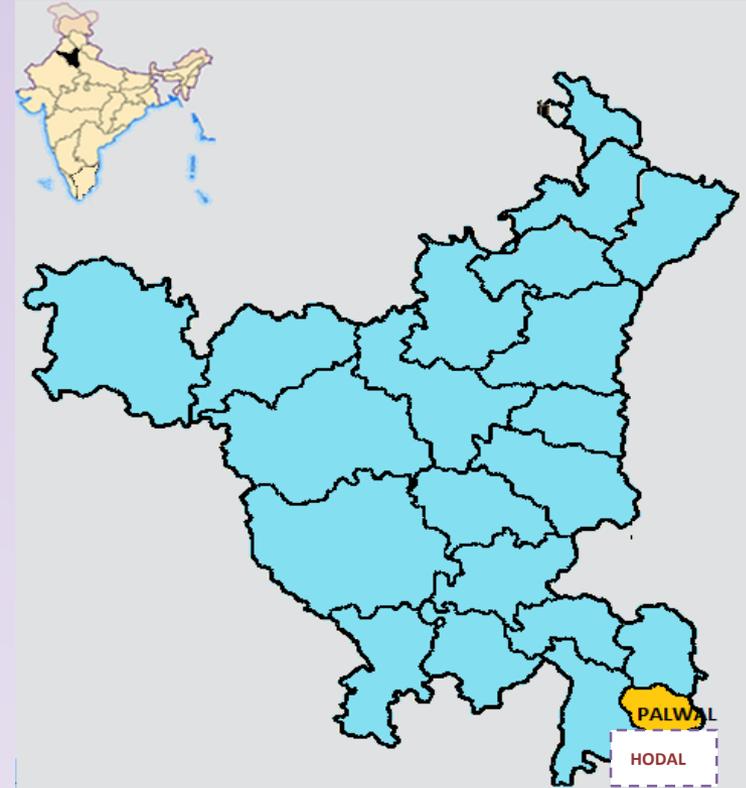
- To identify of small scale dairy farming dying out
- To study the challenges faced by small dairy farmers.
- To understand the influence of animal health on small scale dairy farms.

METHODOLOGY

Study Design: Qualitative Exploratory study

Study Setting:

Small-holding dairy farmers
in Peri-urban areas of Hodal
Haryana.



METHODOLOGY

Study Population:

Household
(customers).

Current Small
Scale Dairy
Farmers

Ex Small
Scale Dairy
Farmers
Farmers

Other
Stakeholders

METHODOLOGY

Sampling

- The dual strategies of purposive sampling and snowballing
- Identification of potential respondents with the help of the local persons of Hodal.

METHODOLOGY

Data collection tools:

- In-depth Interview was used for the investigation.
- All interviews were tape-recorded.



RESULT

Details of the stakeholders interviewed:

Study site	Current small scale Dairy farmer	Ex small scale dairy farmers	Households	Other stakeholders
HODAL	10	7	7	2

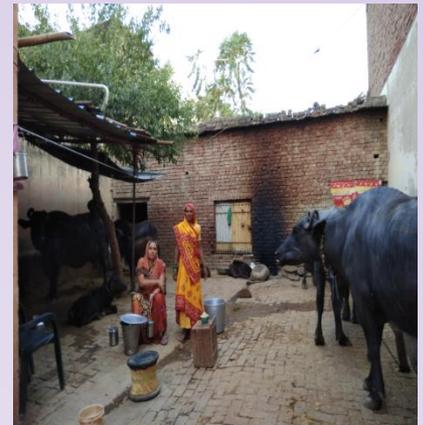
RESULT

SI No.	Core themes	Sub themes
1.	Shrinking Fringes	Lack of land availability to small scale dairy farmer
		Availability of necessary ecosystem
2.	Access to cattle provender	Increase in Price of fodder
		Less availability in Market
		Decrease in Grazing land and quality of cattle food.
3	Tepid interest of future generation	Less interest & Other career goals
		Due to Squalor
4	Increased Cost of cattle	Increased Cost of cattle
5	Cattle Health	Cattle Health

CORE THEME 1 : Shrinking fringes

The core theme is divided in two subthemes

1. Lack of land availability to small scale dairy farmer
2. The availability of necessary ecosystem (grazing land to cattles)



CORE THEME 1 : Shrinking fringes

- **Sub Theme 1: Lack of land availability to small scale dairy farmer**
- The reason for lack of availability of land is due to
 - Poverty
 - Distribution of land among descendants
 - Shift from kuccha house to Pakka house
- *There is problem of space. Suppose You need to keep 1 cattle for that you need to have atleast 1900 sq. feet land. Now the land is very expensive. It is difficult for people to live in small land so how will they keep cattle in small house” (Current small scale dairy farmer)*
- *“I used to have cattles at village but when I come from village to Hodal I want to keep cattle but there is less means and less land so I was not able start small scale dairy farming again” (Ex small scale dairy farmer)*

CORE THEME 1 : Shrinking fringes

Sub theme 2: Availability of necessary ecosystem (grazing land to cattles)

- Earlier the cattles used to have natural environment for grazing.
- *“The agricultural land is also decreasing. People are selling their agricultural land for industrialization. If this land will keep decreasing and there is less land for animals there is full chance in future that this small dairy farming become even lesser.”*
- *“We used to brought cattles for grazing in forests which was good to them. After eating green fodder we used to bring cattles back for milk extraction”* (Ex small scale dairy farmer)

CORE THEME 2 : Access to cattle provender

- Increase in Price of fodder
- Less availability in Market
- Decrease in Grazing land



CORE THEME 2 :Access to cattle provender

Sub theme 1: Increase in Price of fodder

- Most of the farmer compared the earlier price and current price of different types of cattle provender informing.
- *“1 container of khal cost 1500, and animal eat 4-5 kg of it daily and wit there is other kind of feed also and also the medicines so it makes the cost even more. And then the farmer is not able to get good yield of milk from cattle. In that case all burden comes to the farmer”*

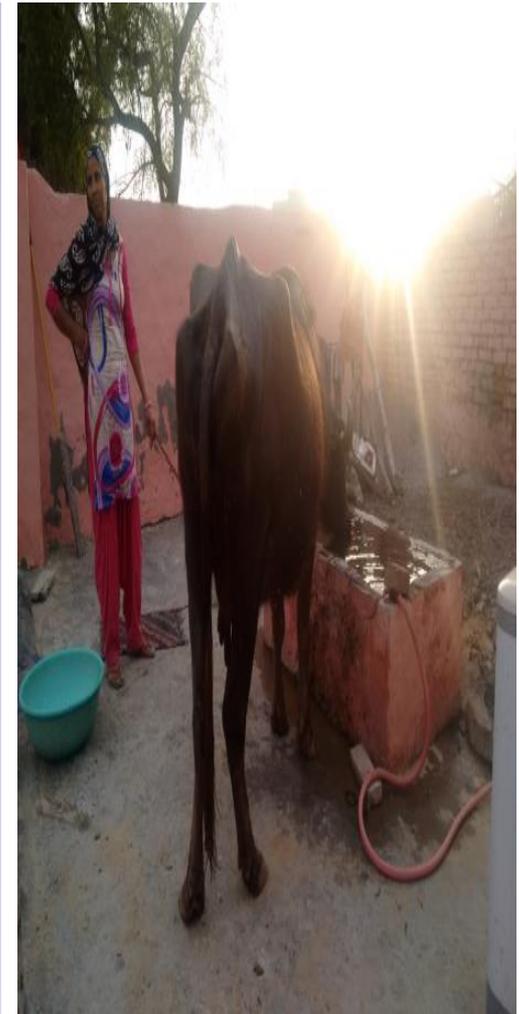
CORE THEME 2 : Access to cattle provender

Sub theme 2 : Less availability in Market

- *“According to me the best diet of buffalo is mungfali ki khal which is not available in the market.”*

Sub theme 3: Decrease in Grazing land and quality of cattle food

- *“There is no land available for grazing. Earlier animal used to graze at forest and that time they have access to animal food”*



CORE THEME 3 : Tepid interest of future generation

1. Less interest and Other Career Prospective

“My brother in law used to keep cattles but he don't keep now as he became old and now it is difficult for him and his children don't like it as they do job.”

2. Due to Sqoulator



CORE THEME 4 : Increase in cost of cattles

Increase in cost of cattles

“Once upon a time, I bought a new cow of Rs. 75,000, and the buffalo did not had good yield of milk and she have to sell it in Rs.15,000 due to which I had a big loss.”

CORE THEME 5 : Cattle Health

- Majority of farmer said the poor animal has effect on milk production.
- Not sell milk when animal is diseased which decrease revenue.



CONCEPTUAL MODEL

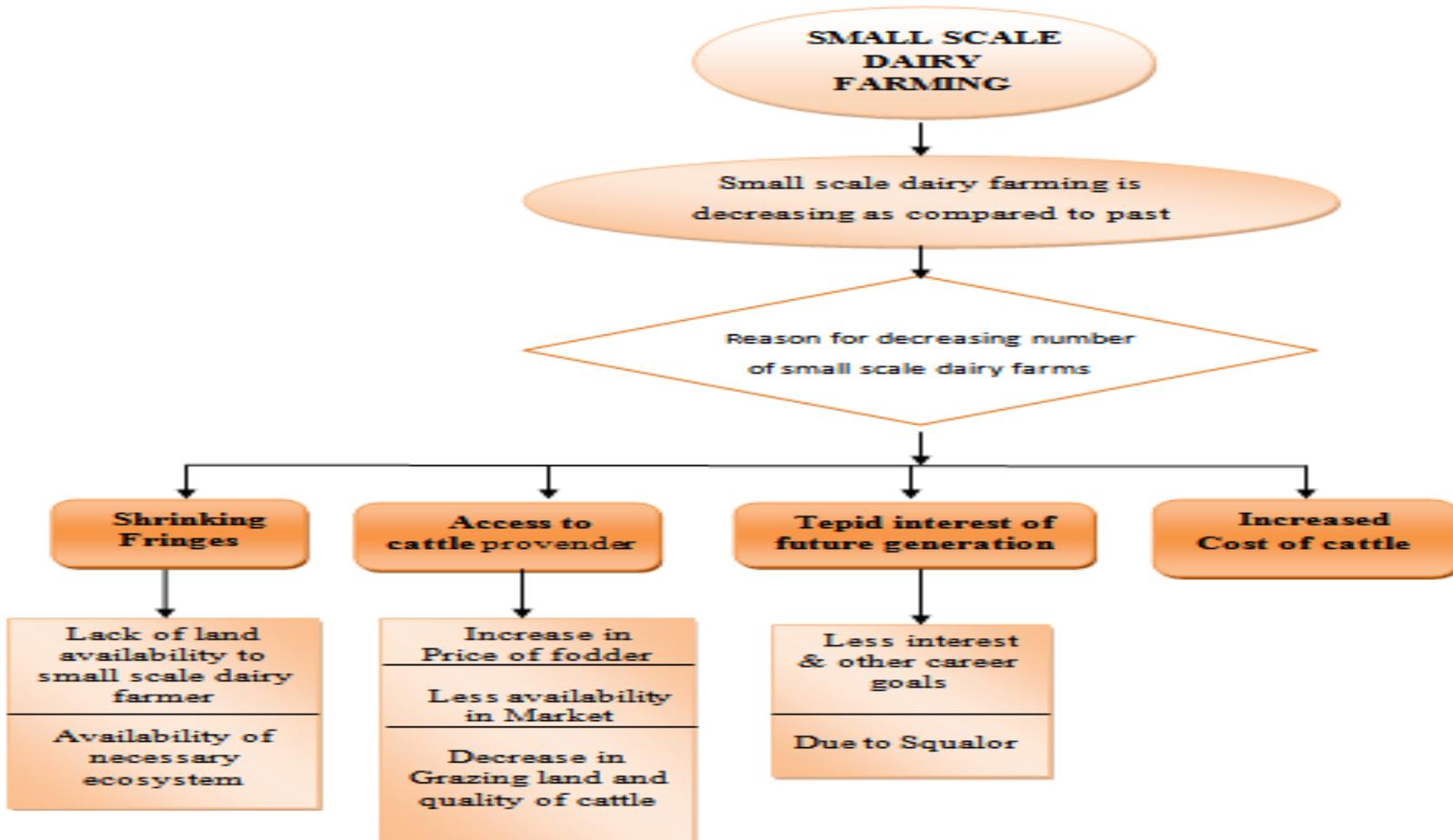


Figure 2.1 Conceptual Model

DISCUSSION

- There is decrease in number of small scale dairy farmer as it is indicated by many farmers during formal and informal interactions.
- According to the study, shrinking fringes is one of the reason for decreasing small scale dairy farmers. A few studies has also showed similar findings. According to Tehbug et al. Availability of land is one of the major problems faced by dairy farmers.
- Bovel et. Al research paper dive information about the importance of grassland to livestock's.
- The cost of Production of small scale dairy farming has increased as found by the study also. There is increase in cost of animal food and cattle Price.
- The future progeny is also showing less interest in small scale dairy farming. According to Brandth et al Contemporary farming fathers see it as important to equip children with skills and competences

Conclusion

- The current study concluded that small scale dairy farming is decreasing as compared to past.
- The current study identifies about several reasons contributing to decrease in small scale dairy farming.
- The major reason are shrinking Fringes, access to cattle provender, tepid interest of future generation and Increased cost Inflation of cattles



Limitation of the study

- Time constrain for collecting data
- Lack of Resources
- Problem in identifying a few stakeholder
- Problem in understanding their dialect
- Interference of other family members and friends

Recommendation

- ✓ Subsidies and support should be provided to small scale dairy farmer for accessing land and provender.
- ✓ Awareness about the importance and scope of small scale dairy farming should be spread among young generation.
- ✓ Camps should be organized for small scale dairy farmers to sustain dairy business & to make them aware about different innovative strategies and cattle health.

THANK YOU

