



OSMANABADI GOAT REARING FOR RURAL WOMEN EMPOWERMENT IN PARBHANI DISTRICT OF MAHARASHTRA

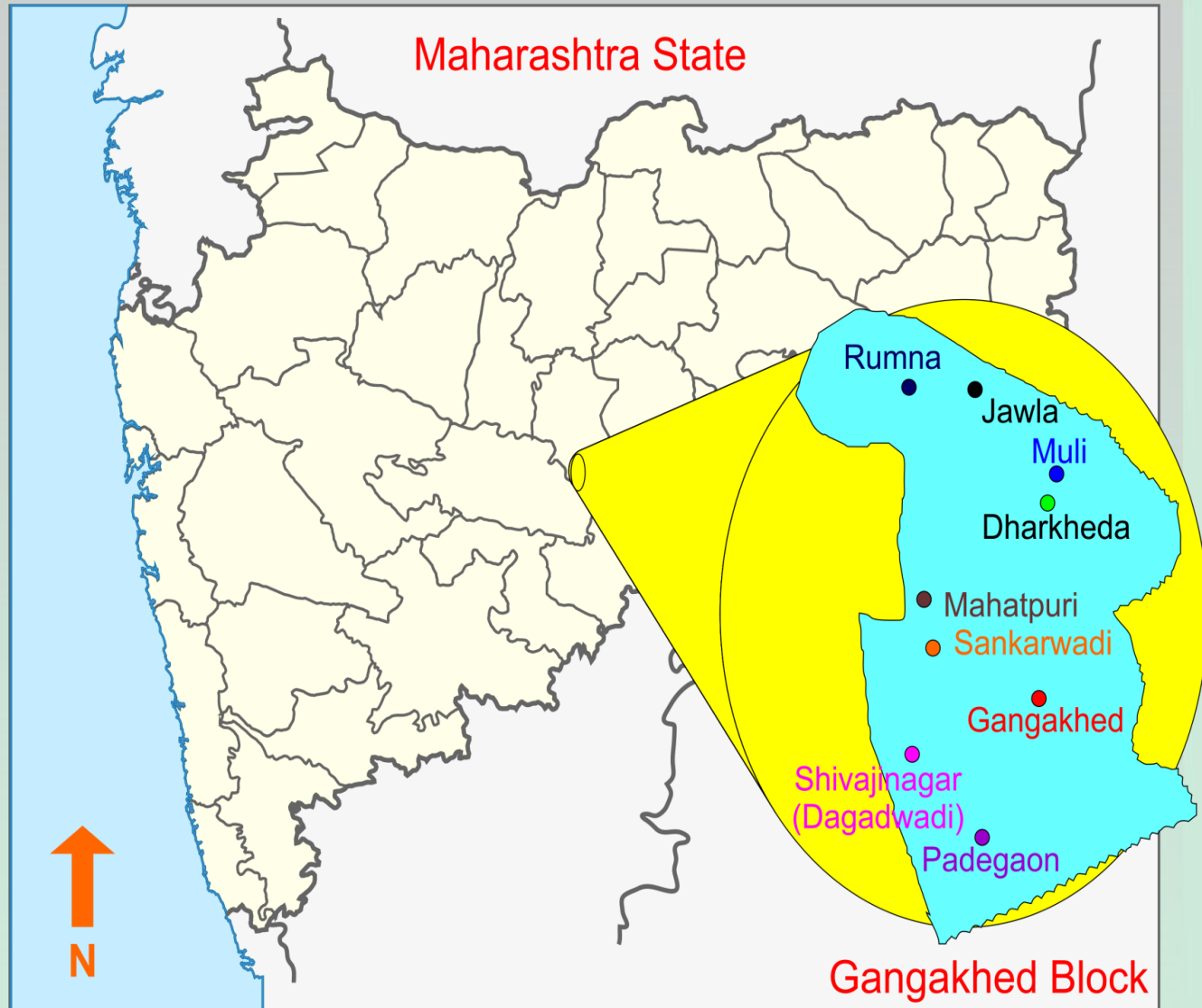
by

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Location of project work:

- 1) Padegaon
- 2) Shivajinagar Tanda
- 3) Muli
- 4) Dharkhed
- 5) Jawala
- 6) Sankarwadi
- 7) Mahatpuri
- 8) Rumana



OBJECTIVES

- 1) To form a rural women group to undertake scientific and technological aspects on goat farming
- 2) To train 250 rural women for skill development of goat production enabling them for self employment.
- 3) To improve the genetic qualities of local Non Descript goat and their availability in region
- 4) To regulate common resources with involvement of user group and mobilize community through public awareness programme.
- 5) To assess economic gain of target group through goat production and rearing activity.

Work done.....

To fulfill objective 1 following work was carried out

Formed 9 rural women groups

- i. Awareness was created in the villages about scientific and technological aspects on goat farming with special reference to Osmanabadi goats.



Sankarwadi



Muli



Rumana



Chinchtakali

Awareness camps cont



Jawala



Dharkheda



Mahatpuri



Chinchtakali

Survey of beneficiaries selected for training

- ii. Survey were undertaken for the selection of women in various 8 selected villages of Gangakhed block of Parbhani District.



Conti.....Survey of beneficiaries selected for training

collected Data on social, economical and educational status of beneficiaries based on the documents like ration card, below poverty card photo identity, election card.



Achievements :- Identified women group from Gangakhed block of Parbhani District for undertaking scientific and technological aspect on goat farming

Year	Block	Villages	No of women selected for training
1 st Year	Gangakhed	1) Padegaon	20
		2) Shivajinagar Tanda	22
		3) Muli	20
		4) Dharkhed	18
		5) Jawala	23
		Total	103
2 nd year		6) Sankarwadi	34
		7) Mahatpuri	42
		8) Rumana	42
		Total	118
		Grand Total	221

Achievements

- Identified 221 women
- Below poverty level: 80 %
- Illiterate: 68 %
- Agriculture labour : 96%
- 85% were not aware about technological aspect like deworming, vaccination, supplementation of vitamin-mineral mixture etc.

Prepared training module for imparting effective goat rearing

Prepared education material in Marathi for awareness of goat farming

- Prepared pamphlets (500) containing information about characteristic of Osmanabadi goats and various operations to be carried out for effective management of goat rearing.
- Prepared book on “Empowerment of women through Osmanabadi goat rearing”
- Distributed “Educational material” during training.



Work

To fulfill objective 2 following work was carried out

5 Trainings were organized for three days duration on “Empowerment of women through Osmanabadi goat rearing”



The focus of training

- Osmanabadi goat production and its role in improving socio-economic status.
- To acquaint the existing goat production practices and constraints.
- Health care and management practices of goats rearing like deworming, immunization, spraying , vit.min.mix. supplementation etc.
- Discussion on selection of elite Osmanabadi goats
- Sustainable small goat holder and its economics
- Quality characteristics of Osmanabadi goats
- Care and management of kids to prevent mortality
- Record keeping of goats



Guest Faculties from College of Home Science, VNMAU. Parbhani



Personality development



Demonstration-body protective wears



Brain storming session



**demonstration - value
addition of milk**

Field demonstrations



Achievement: Change in attitude for starting Osmanabadi goat farming on scientific basis

Training module appreciated by Dignities



S P Singh, district collector, Parbhani appreciated training module and addressed trainees



Dr P M Kamble district Dy. Commissioner A. H. addressing trainees



Dr Arvind Deshpande DAHO, Parbhani addressing trainees

Training module appreciated by Dignities..... cont .



**Dr Ashok Dhawan, Director of extension
V N MAU, Parbhani addressing trainees**



**Mr Ajay Sawarikar, CEO, Z P, Parbhani addressing
trainees**



**Mr, S. S. Garude General Manager
NABARD, Parbhani addressing trainees**



**Vishala Patanam, Associate Dean, College of Home
Science, Parbhani addressing trainees**

Distribution of certificate after successful completion of training

Dr Ashok Dhawan, D E VNMAU, Parbhani distributed certificates



Dr P R More Associate Dean, COVAS, Parbhani distributed certificates



Mr Ajay Sawarikar, CEO, Z P, Parbhani distributed certificates to trainees



Selection of beneficiaries: Lucky draw method



Training Results

- High demand for such type of training
- Same educational model was used to provide the intensive training to service providers and goat scout under RKVY Project of Parbhani and Nanded district.
- 41 participants were benefitted
- Unemployed and farmers demanded training



Achievements -- Identified women beneficiaries for RMUs of Osmanabadi goat

Year	Block	Villages	Role model of goat unit established (4 does +1buck)
1 st Year	Gangakhed	1) Padegaon	10
		2) Shivajinagar Tanda	10
		3) Muli	10
		4) Dharkhed	10
		5) Jawala	10
2 nd year		6) Shankarwadi	10
		7) Mahatpuri	10
		8) Rumana	10
		Total	80

Work done.....

To fulfill objective 3 following work was carried out

:

Osmanabadi goat breed Characteristic

- Higher twining, triplicate Percent,
- Large body size,
- Disease resistance
- Adaptability to adverse climatic conditions.



Nondescript / desi goats available with beneficiaries



Work done.....

4) To fulfill objective 4 following work was carried out

- i. Ten awareness camps and meetings were organized for rural masses for importance of Osmanabadi goat breed at field
- ii. Extended the breeding services of Osmanabadi bucks from established unit to the other non-descript goats of villages as common resources with involvement of user group.
- iii. Demonstrated a Ideal role model of Osmanabadi goat and health package provided to RMUs motivated and made awareness among farmers.



Awareness meetings organized for adaptation of preventive health measures like deworming, vaccination, supplementation of vita-min mix. etc



Work done....

To fulfill objective

Work done:- Osmanabadi goats were purchased by constituting expert committee from Osmanabadi goat belt/track and Established 80 RMUs

- 10 Profitable role models of Osmanabadi goat (4+1unit) at Padegaon, Shivajinagar, Muli, Dharkhed, Jawala, Shankarwadi, Mahatpuri and Rumana village for women were established.



Establishment of role model of Osmanabadi goats

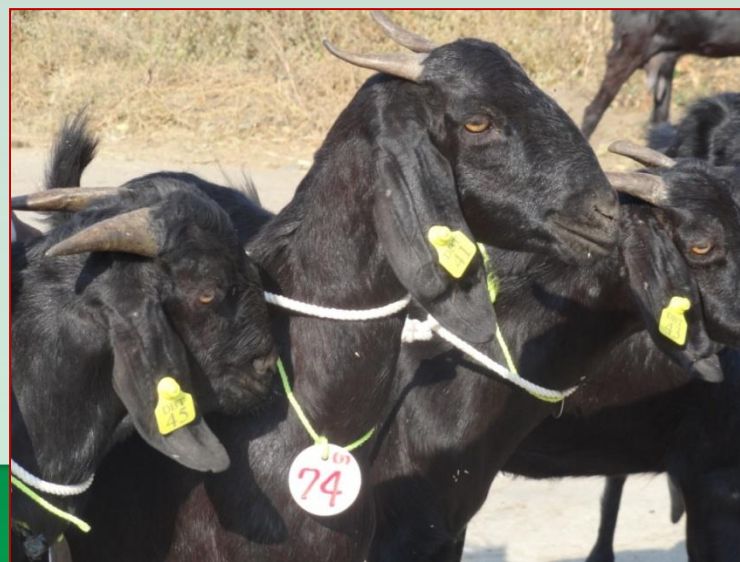
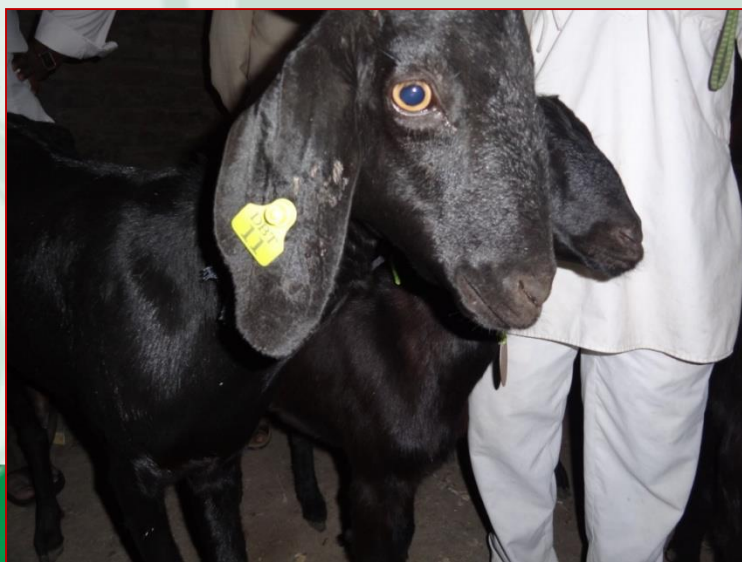


2nd year, establishment of role model of Osmanabadi goats



Managerial Packages Provided to RMUs....

1. Ear Tags were applied for Identification and record keeping of goats
2. Deworming of all goats in selected villages and RM units were carried out
3. Vaccination against ET(enterotoxaemia) in selected villages and RM units carried out.
4. Vaccination against FMD (Foot and mouth disease) in selected villages and RM units carried out.
5. Vaccination for PPR vaccine (Pest des Petits Ruminants) carried out in selected villages and RM units.
6. Vitamin-Mineral Mixture supplied for RM Units



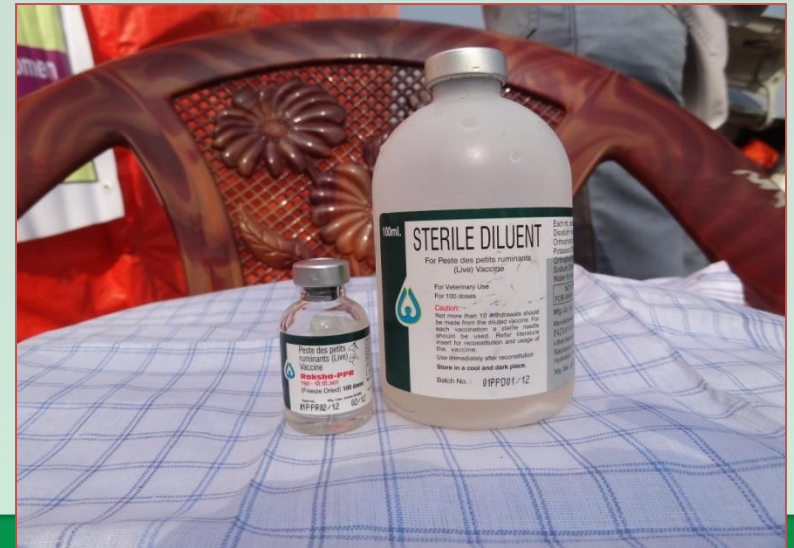
Deworming programme at selected villages



Vaccination programme at Selected villages

Sr no.	Disease	Vaccine	Dose	Schedule
1.	Enterotoxaemia	ETV- vaccine	2.5ml	One month after establishment of unit
2.	Enterotoxaemia	ETV- vaccine	Booster Dose 2.5ml	15 days after first vaccination
3.	PPR(Pest des Petits Ruminants)	RP- Vaccine	1ml	45 days after establishment of unit
4.	FMD	FMD Vaccine	1ml	2 months after establishment of unit

Vaccination programme



Vitamin and Mineral Mixture containing vitamin A, Nicotinamide and Cobalt, Copper, Iodine, Iron, Magnesium, Maganese, Potassium, Sodium, Sulphur, Zinc, Calcium, Phosphorouse were supplied to the beneficiaries



Performance of role model established at various villages in Gangakhed block of Parbhani district

Sr. No	Parameters	Means	SE	SD	No of observations
1	Birth Weight (kg)	2.15	0.01	0.42	925
2	Body weight at 3 months (kg)	7.89	0.04	1.12	904
3	Body weight at 8 months (marketing wt)	17.90	0.03	0.86	896
4	Market price of kid(Rs)	4708.98	16.68	501.06	902
5	Market values of total kids (Rs)	42,47,500	-	-	902
6	Average Market values of each unit belonging to beneficiaries (Rs)	53093.74	-	-	80 beneficiaries
7	Capital provided by DBT for establishment of RMU(Rs)	16,000/-	-	-	One(4+l)
8	Marginal money provided by beneficiaries for establishment of RMU(Rs)	4000/-	-	-	One(4+l)
9	Average unit cost for establishment of RMU (Rs)	20,000/-	-	-	One(4+l)
10	Existing market cost of RMU (Rs)	35,000/-	-	-	One(4+l)
11	Total values of asset available with beneficiaries (6+10) within span of 15 months	88093/	-	-	One(4+l)

Twins, triplicate and quadruplet born in role mode units of Osmanabadi goats



Blood sample collected from kids and does with twins, triplicates and quadruplet for isolation of gene and polymorphism influencing ovulation – Results non-significant



ACKNOWLEDGEMENT

It is great pleasure, pride and privilege to thanks **DBT, Ministry of science and Technology, New Delhi** for financial support to complete the project. I feel extremely honored for the opportunity bestowed upon me to work with this project.

THANKS

A woman in a red shirt and a colorful floral sari is herding a group of black and white goats on a dirt road. The scene is set at sunset, with a warm orange glow. In the background, another person in white is walking away. A thought bubble is superimposed on the image, containing the text 'Thanks DBT'. A small white sign with the numbers '4 5 6' is visible on the right side of the road.

**Thanks
DBT**