

Para Vet – Sandeep Singh

Mountain villages have always been involved in Animal Husbandry along with agricultural work. Due to the adverse conditions and traditional practices followed by people, it has not grown as a sustainable income generation source. However, initiatives taken by different organizations to improve the situation are changing the scenario and more villages are getting involved in developing it as a business model in the mountains.

In Cluster Solna, block Karna Prayag, there are 500 livestock in 7 village panchayats namely Kameda, Khadgoli, Thirpak, Tefna, Mangroli, Batoli and Solna. Livestock include 300 cows and 200 buffaloes. Before year 2008, Villagers used to practice traditional/natural way of insemination. Villagers were either not informed about the concept of Artificial Insemination (AI) or were suspicious of the AI process and its success. In the year 2008, Himmotthan Society, Dehradun started Their Integrated Fodder and Livestock Development Project in the region with partner organization Jay Nanda Welfare Society,



Bhimtalla. A Baseline Survey was conducted by the organization in which it was found that most of the villagers are having livestock, mainly cows and buffaloes. Knowing about the situation of lack of knowledge regarding Livestock breeding, vaccination process, animal diseases, AI etc. in the village, organizations encouraged people to train of the villager as a Para Vet. It was decided that one person would be sent for Para Vet training and Sandeep Singh was selected with everybody's consent. Sandeep Singh got Para Vet training for 4 months in

Uttarakhand Livestock Development Board, Rishikesh.

After coming back to working area, he was supposed to conduct AI in the villages but villagers denied his services due to suspicions in their mind about the process. However, Narayan Singh from Village Chatyanyala, Bantoli agreed to go for AI and it was successful at the first attempt. After delivery of calf, villagers started trusting the process of AI and gradually called Sandeep Singh for AI. From 2008 to 2013, Sandeep has done 1500 AIs of 900 cows and 600 buffaloes. Details of Artificial Inseminations are given below:



Village Wise Details of AIs performed by Para Vet between 2008 and 2013:

S. N.	Village Name	Way of AI		Number of Livestock	Type of Semen (Red Sindhi, Sahiwal, Jersi, Murra etc.)	Successes		Sex				Average Age of progeny (in October, 2013)
		Cow	Buffalo			Cow	Buffalo	Cow		Buffalo		
								Male	Female	Male	Female	
1	Kameda	115	100	215	Red Sindhi, Sahiwal, Jersi, Murra	70	60	45	25	45	15	2
2	Khadgoli	75	100	175	-do-	56	75	40	16	35	40	2
3	Thirpak	120	100	220	-do-	75	65	55	20	45	20	2
4	Thefna	80	90	170	-do-	50	47	35	15	30	17	2
5	Bantoli	70	50	120	-do-	42	37	28	14	25	12	2
6	Mangroli	110	110	220	-do-	52	42	34	18	28	14	2
7	Other villages	200	180	380	-do-	122	107	80	42	75	32	2
Total		770	730	1500		70	433	317	150	283	150	14

First Aid Work: Para Vets distributes medicines to the project villages which are provided by the Veterinary Hospital. Para vet distributes medicines like pain killers, worm killer tablets/liquid, infertility prevention pills etc. and provides first aid services in case of injuries and disease. S/he also informs the villagers about signs of different diseases, gives suggestions after consulting officials in veterinary hospital and cures the animal. Para vet has become very important as he works as an intermediary between the community and veterinary department and has become an asset for Integrated Fodder and Livelihood Development Project.



Details of Treatment of livestock by Paravet

Village	Number of animal cured			Total number of animals benefited	Total families	Veterinary cams
	Cow	Buffalo	Others			
Kameda	8	5	20	33	30	2
Khadgoli	12	7	15	34	25	2
Thirpak	12	11	25	48	26	2

Thefna	32	20	15	67	52	2
Bantoli	11	5	22	38	25	2
Mangroli	45	5	25	75	53	1
Other villages	95	60	50	205	135	5
Total	215	113	172	500	346	16



Income of Para Vet: Para Vet charges Rupees 100 to 150 per case as his fee. To perform Artificial Insemination, he charges Rupees 200 to 300 and for castration, Rupees 150 is charged. From 2008 to 2014, Sandeep has earned approx rupees 3,00,000/-. Details of income are given below:

Year	Income from AI	Other income	Total Income
2008 & 09	21,500.00	9,000.00	30,500.00
2009 & 10	26,250.00	10,000.00	36,250.00
2010 & 11	45,000.00	10,000.00	55,000.00
2011 & 12	47,000.00	12,000.00	59,000.00
2012 & 13	48,000.00	13,000.00	61,000.00
2013 & 14	50,000.00	15,000.00	65,000.00
Total	237,750.00	69,000.00	306,750.00

Sandeep Singh
Para Vet
Cluster: Nand Prayag
Jay Nanda Welfare Society