



Profitable animal husbandry by Thud guidance of KVK Tapi in tribal dominated village

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ABSTRACT : Mineral mixture feeding along with urea treated paddy straw can decipher nutrition related tribulations and could be very beneficial to cattle for enhanced production and facsimile ability. Hence, the technology of feeding animal with mineral mixture along with urea treated fodder needs to be demonstrated to the rural farmers of Tapi district. The farming situation of low milk production in H.F Cow was identified by Participatory Rural Appraisal method (PRA), in tribal dominated Tapi district of Gujarat state. Three treatments were tested in two blocks including 45 H.F. Cows within three years, *i.e.* 2009- 2011. Among all the three treatments, Treatment-3 (T_3) was found beneficial in terms of milk production (kg/day), Milk production per unit, Net return (Profit) in Rs./HF Cow and also got higher benefit cost ration (BCR). The feeding method of urea treated paddy straw along with mineral mixture has to be implemented in a large scale for better growth and production of livestock. The successful insinuation of these machinery in Tribal dominated village is only due to exhaustive efforts made by KVK Tapi for effective TOT through Trainings, FLDs, OFTs and other extension activities to change the mindset of the orthodox tribal community through good rapport building and constant follow up of the given expertise.

KEY WORDS : Animal husbandry, Mineral mixture feeding

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INTRODUCTION

Animal husbandry had always played a leading role in sustainable lively hood among rural farmers. Many efforts are made by central and state government organization toward profitable and triumph bursting animal husbandry of villagers. KVK, Vyara had played a guiding force and role model act for the scientific, profitable, successful as well as effective animal husbandry in villages of Tapi district. In general, the milk yield of crossbred cow (H.F.) is found to be higher as compared to non describing cattle. Here is the narrative detail about success story of Vanskui village in the animal husbandry field. A success story of village Vanskui regarding success full intervention of KVK scientists for resultant dairying. Animal owners of Tapi district are maintaining their buffaloes mainly on paddy straw

and other locally available grasses which generally have low nutritional elements and also lack of knowledge regarding breeding, feeding and management practices.

Genesis of the problem:

The traditional farmers are keeping the Surati buffaloes for milk yield. Surati buffaloes have average milk yield of 4.184 liter per day. The farmers are maintaining their livestock mostly on dry paddy fodder and few green fodders which is available at fleeting time during monsoon. In dry months of the year (summer), cattle and buffalo animal keeping for milk yield is becoming a problematic issue due to more care, high cost and comparatively less compensation. The KVK scientists of KVK Tapi had adopted a village Vanskui for dairying development and diagnosed the root cause of the said problem. The KVK Tapi has created an intensive effort for successful dairying in this village by sound breeding, feeding and management practices edification to the tribal farmers.

Intensive efforts made by KVK, Tapi:

Krishi Vigyan Kendra, Navsari Agricultural University instituted at Vyara, Di-Tapi in the state of Gujarat is playing a

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