

TITLE OF THE SUCCESS STORY – 09:

Clean milk production by practicing dry cow therapy and post milking teat dipping.

FARMER DETAILS :



Mrs. Anisha Samanth,
Tambosem, Pernem Taluka , North Goa .
Contact no. 9881633845

DETAILS OF SUCCESS STORY:

BACKGROUND:

Mrs. Anisha Samanth , Age 44 years has total of 28 crossbred cows in her dairy farm. She maintained HF crossbred cows in her farm. Milk yield of the cows was good but every year 2-3 cows used to suffer with mastitis. The incidence of the mastitis was average 19 % in her farm. Thus she used to suffer losses in the form of loss of milk, income and value of the animal.

INTERVENTION PROCESS:

Clean Milk trial was started in two cows by keeping other animals as control. In this therapy intra- mammary tubes containing antibiotics were inserted in each teat at the time of drying of the cows when cows were in advance pregnancy stage (before 60 days of parturition). Later on after calving, Anisha was advised to do teat dipping with iodine solution after each and every milking i.e. morning and evening. She used to offer dry / green fodder after each milking so as to avoid sitting of the animals on floor.

INTERVENTION TECHNOLOGY:

1. Dry cow therapy with suitable antibiotics by using intra mammary tubes i.e. one in each teat with all antiseptic precautions before 60 days of parturition.
2. After calving, Post milking teat dipping by using suitable iodine preparation in correct proportion throughout the lactation.

IMPACT HORIZONTAL SPREAD:

Other 12 farmers started to use dry cow therapy and post milking teat dipping.

IMPACT ECONOMIC GAINS:

Two animals were kept as demo and rest all the animals were kept as check (Total twenty five cows). Total of Rs.1438 / was spent to purchase inputs for clean milk production i.e. towards purchase of teat dip cup, lacteous liquid (iodine liquid 1 litre x 2) -2lit and Intra mammary Tubes (four).

We have recorded prevalence rate (mastitis occurrence) and milk yield in both demo and check animals for a period of 4 months. Due to use of dry cow therapy and post milking teat dipping, nil incidences was recorded in demo animals while 3 animals were suffered with mastitis in check (11.53 % incidence of mastitis) group. Total of 142 litres of more milk worth of 5401 /- was recorded in demo. Thus by the use of dry cow therapy and post milking teat dipping prevents animals from occurrence of mastitis and farmer and society can get clean milk.

IMPACT ON EMPLOYMENT GENERATION:

If we prevent incidence of mastitis in a cow, dairy farmer can earn Rs. 5401/- extra income per cow and if she is maintaining 25 animals then he get additional income of Rs. 1,35,025/- per year by selling clean milk. If we convert this in employment generation, he is generating 01 Employment sufficient for 11 months for maintaining of 10 animals. On an average Rs. 12,000 / labour is charged for maintenance of 10 cows / month.

GLIMPSES OF SUCCESS:

