

FEEDING OF LOCALLY PREPARED BALANCED RATION TO THE BUFFALOES TO INCREASE MILK YIELD

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Krishi Vigyan Kendra, Kumher is implementing NICRA Project in Sitara village, Bharatpur District of Rajasthan. The village comprises mixed Agri+AH farming system in which dairy plays an important role in socio economic status in the small farming community. Review of various researches shows that 50-60 percent milk yield of buffaloes depends upon breeding and rest upon feeding and other management. Survey shows that farmers of Sitara village is having improved breed but due to poor feeding and other management milk yield decreases in this direction KVK implemented following interventions –

1. Deworming and mineral rich supplementation in the diet of buffaloes.
2. Feeding balanced ration total mixed ration to selected 20 buffaloes
3. Assessment of regular deworming schedule in buffalo.
4. Assessment of regular milk yield of selected buffaloes.
5. Assessment of health status and vaccination

TECHNOLOGY DEMONSTRATED AND IMPLEMENTATION

1. Feeding balance cattle feed prepared by locally available resources + mineral mixture
2. Deworming medicine
3. Adequate and timely medical check up
4. Adequate and timely vaccination.

For conducting above experiment 20 buffaloes were selected and cattle keeper were motivated for balance feeding and other management. Efforts were also made to trained them about preparation of cattle feed and provided 15 days ration to all 20 cattle keeper. After that they themselves prepared mix ration and fed to animals. Mineral mixture + deworming medicine were also provided on subsidies rates (25% of total cost) Two cattle health camps were also organize in village with the help of A.H Department.

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IMPACT / OUT COME

More than 90% cattle keeper adopted technology of feeding management, which restructured improvement in dairy management practices and 15-20% percent milk yield increased 5Lt to 7Lt .health status improvement, less disease among animal were observed. Looking to positive results other cattle keeper are also adopting improved feeding practices along with mineral mixture and deworming medicine available for all keepers on subsidiary rate. This is very significate and encouraging result that in village 500 Lt milk production increased per day. The results of the study may be to prepare an integrated ration chart and may also be considered a guide line to strengthening the dairy industry in area to secure the livelihood in the region.

Impact of interventions adopted in livestock



