

Sustainable Income Through Integrated Sheep/Goat cum Poultry Farming

Jayashree Pattar, S A Biradar, Geeta Tamagale, Kalavathi Kambli and Shailaja Galagali

Shri. Ravi Dandin from Kallur village of Dharwad taluka owns 1.20 acres of land with good irrigation facility. He was getting an annual income of Rs. 44000/- and after lockdown he had financial crises and was unable to maintain the family with agriculture income. He thought of starting an subsidiary activity to compensate his family income and one of the



idea suggested was Sheep/Goat farming. He visited KVK, Dharwad during 2020 for consultancy service and after that attended Sheep/Goat training. Constant suggestion from Scientists, regular consultations and field visits helped him to start his own Integrated Sheep/Goat cum Poultry farming unit.

Interventions

Process: During the initial visit of KVK scientists to his field, it was observed that he was growing maize as main crop, due to extreme agroclimatic changes and Covid outbreak in the district which affected his livelihood. KVK Scientists advised him to go for secondary agriculture practices mainly integrated sheep/goat with poultry farming as subsidiary income source. Later he attended the vocational training programme on scientific sheep/goat farming which was organized by ICAR-KVK, Dharwad and sponsored by ATRAI, Bengaluru. The training oriented him regarding the

basics of sheep/goat farming, feed and fodder management along with exposure field visit to successful entrepreneurs. After completion of the training, he established sheep/goat farming in raised integrated stall-fed housing system with area of 60*30 feet to rear the sheep/goat and poultry birds.

Technology: KVK scientists made timely

visit and guided the farmer in feed, fodder and disease management, established fodder cafeteria, followed vaccination protocol for sheep/goat and poultry. He had grown multi cut fodder sorghum (CoFS-29), fodder maize, lucerne, sesbania in 0.5 acre of land for feeding sheep and goat. Presently he is having 50 sheep mainly *Deccani*, *Nari suvarna*, *Yalaga* breeds and 50 goats mainly *Sirrohi*, *Osmanabadi*, *Beetal*



breeds. He regularly rear the 400 local poultry birds in the underneath space of stall fed housing system both for meat and egg purpose. He uses the farm

residues mainly groundnut, urd dal and Bengal gram husk, grains to prepare the concentrate balance feed ration to feed the animals.

Output and outcome: Impact

Horizontal Spread: With his experience and knowledge, he has become the master trainer for integrated sheep/goat cum poultry farming training programmes. The participants of sheep, goat and poultry farming training organized by KVK, Dharwad regularly visits his farm for practical experience. More than 80 farmers, 60 students and 10 extension officials visited his farm for consultancy and already 10 farmers/ rural youths started their own integrated sheep/goat cum poultry farming unit.

Economic gains: Presently with the integrated unit he is getting an annual gross income of Rs. 6.12 lakh. Major contribution is from sheep/goat farming, i.e Rs. 4.0 lakh from sale of sheep/goat and Rs. 2.16 lakh from sale of eggs and birds with the cost benefit ratio of 4.08.

Employment Generation: Adoption of integrated sheep/goat cum poultry farming provided regular employment for two labours throughout the season along with crop cultivation practices. Hence integrated sheep/goat cum poultry farming is an additional sustainable source of income for the farming community during the era of climate change.

* * * * *