

## **Recommendations:**

1. Rejuvenation of old mango orchards
2. Integrated farming system of tuber crops.
3. Quality improvement of litchi fruit.
4. Evaluation trials for different vegetable varieties along with Nagicherra station.
5. Collection of Sabri Banana variability.
6. Comparative studies on growth performances, feed conversion efficiency, cost of production of local Mali X Duroc, Ghungroo X Duroc, Hampshire crossbred pigs along with Large White Yorkshire and Landrace pigs may be undertaken.
7. Creating awareness about the housing of the pig has to be taken up on large scale.
8. Gonadotrophic releasing hormone (GnRH) challenge test may be used for testing prolific Black Bengal goats in the field.
9. An unit of 10 goats (9 females + 1 male) may be taken to investigate the performances of goats under pastoral system.
10. The fodders like congo signal and stylosanthes may be cultivated for developing grazing land for goats under pastoral system. Fodder crops may be grown in the rubber planted area for first 1- 4 years.
11. The artificial insemination programme may be taken up in goats to reduce the in breeding problem.
12. Research work on Murrah buffalo and Shaiwal cattle for the investigation of effect of climatic factors on milk production, reproduction and health under Tripura conditions could be undertaken. Buffalo farming may be tried among the farmers in those areas where water is available.
13. As there may be reproductive problems in Holstein crossbred cattle reported by the State Animal Resource Development (ARD) officers, crossbred Jersey bull and/ or Sahiwal/ Gir frozen semen may be used for breeding purposes.
14. To give much emphasis to prevent and control the Transboundary diseases in livestock and poultry birds.
15. Studies on adaptability of small fishes like Mola and Colessa and some of the ornamental fishes can be initiated.
16. Use of jackfruit seed as source of feed for the fishes can be tried as an alternative option.
17. Use and promotion of less harmful pesticides in agriculture has to be strictly followed to avoid the contamination of the water bodies.
18. There is need of genetic characterization of local germplasms of poultry birds, namely Tripura Black and Tripura Brown for growth, egg production traits, disease resistance ability etc. It is necessary to explore whether Tripura Black and Tripura Brown have not come from Australorp and Rhode Island Red crosses, respectively, as those exotic varieties were used in past time for crossbreeding purpose at farmer's field in Tripura in view of raising crossbred backyard poultry birds.
19. Locally available feed has to be identified as an alternative source of the high cost poultry feed.
20. Dry fodder preservation and feeding to the cattle has to be brought in to practice among the farmers.