

IMPROVED HUSBANDRY PRACTICES FOR PROFITABLE PIG FARMING

Success Story/2024-2

SUCCESS STORY OF A YOUNG WOMAN ENTREPRENEUR THROUGH SCIENTIFIC REARING PRACTICES IN PIG FARMING

Authors: Dr. Amiya Ranjan Sahu, Scientist (Animal Genetics and Breeding)
Dr. Gokuldas P.P, Senior Scientist (Animal Reproduction)
Dr. Nibedita Nayak, Scientist (Poultry Science)

PROBLEMS/CONSTRAINTS

Profitable pig farming opens the way for entrepreneurship development among unemployed youths, especially women farmers. However, farmers face many challenges during the initial stage of pig farming. Improper knowledge of scientific rearing practices, high feed cost, lack of important vaccines, and emerging diseases are major challenges for the farmers due to which many had incurred profound financial losses in the coastal region. Demand for improved crossbred piglets and unavailability of adult elite germplasms are also major problems for the farmers. During a visit to the Institute, Mrs. Pobrinha Carvalho, a scheduled tribe farm woman and resident of Diwar island, Tiswadi, got impressed with the prospects of pig farming and farm inputs that could be availed under Scheduled Tribe Component (STC) of AICRP on Pig. She got interested and started a small backyard pig farming, but faced problems like weak progeny and low productivity due to unorganized rearing, unhygienic environment, improper selection of breeding herd for mating and piglet mortality.



Backyard pig farming

INTERVENTIONS

Mrs. Carvalho, frequently visited the Institute and interacted with the experts on scientific pig rearing. She attended a training on scientific practices in pig farming organized under AICRP on Pig. She was also benefited by receiving improved piglets, concentrate feed, weighing balance, feed storage drums and medicinal supplements under STC scheme. She earned Rs. 1,40,000 from the sale of pigs and later planned to expand the business. During the farmers' field day visit, pigs were vaccinated and she was also supplied with deworming tablets, mineral and vitamin supplements to improve the productivity. She is maintaining the farm by following proper biosecurity measures and feeding bakery products and hotel wastes to reduce feed cost. She also used boar semen doses from the Institute for the sows to bred during estrus through Artificial Insemination.



Training under AICRP on Pig



Certified trained women entrepreneur



Inputs received under STC scheme



Vaccination and Deworming during field day

IMPACT

Initially, she maintained purebred Agonda Goan, Large White Yorkshire and crossbred pigs and fetched an annual income of Rs. 30,000 from her small-scale backyard farming. Now, she is maintaining a total stock of over 85 adult pigs including 15 breeding sows and 4 breeding boars and fetching net annual income of Rs. 3,50,000. In addition, there is cost saving of Rs. 20,000 through production of improved piglets and reduction in disease incidence due to proper hygienic rearing, timely deworming and vaccination. She was later motivated to diversify the enterprise by selling pork and pork products to get maximum benefits. She is now one of the growing women entrepreneurs from scheduled tribe community of Goa successfully engaged in profitable pig farming.



Farrowing in organized farm



Commercially viable herd



Purebred Agonda Goan stock