



Report



TSP sponsored training programme

on

“Organized pig farming for livelihoods and nutritional security of tribal farmers”

Date: 4th -6th December, 2024

Venue: ICAR-NRC on Pig, Rani, Guwahati, Assam

Organized by

ICAR-National Research Centre on Pig, Rani, Guwahati, Assam

Course Director:	Dr. Vivek Kumar Gupta	Director, ICAR-NRC on Pig
Coordinators:	Dr. Jaya	Scientist, ICAR-NRC on Pig
	Dr. Meera K	Scientist, ICAR-NRC on Pig
	Dr. Pranab Jyoti Das	Pr. Scientist, ICAR-NRC on Pig

A three-day residential training programme on “Organized pig farming for livelihoods and nutritional security of tribal farmers” was successfully conducted at ICAR-NRC on Pig, Rani, under the guidance of Dr. V.K. Gupta, Director, ICAR-NRC on Pig, Rani. The training was organized under the Tribal Sub-Plan (TSP) component of the institute during December 4 – 6, 2024. It was attended by 25 scheduled tribe pig farmers, including 3 females and 22 males, from Kokrajhar (12), Tamulpur (9) and Kamrup (3) districts of Assam and Senapati (1) district of Manipur.

The training programme began on December 4, 2024, with registration, participant orientation and pre-training assessment. Foundational sessions were conducted on organized pig farming practices and reproductive management of breeding boars and gilts. Classes on the selection of animals, breeding of pigs and the importance of record-keeping for profitable pig farming were also delivered, emphasizing the critical role of systematic management in enhancing productivity. Additionally, sessions on modern pig housing design and an introduction to modern tools and ICT applications provided participants with insights into integrating technology into pig farming.

On the second day, the training shifted focus to disease management and feeding strategies. Topics such as bacterial, viral and parasitic disease control were extensively covered. Classes on scientific feeding strategies, silage preparation and the use of non-conventional feed resources aimed to enhance farm efficiency and reduce the cost of feeding. Special attention was given to teaching the mitigation of heat stress in pigs, a critical aspect of climate-resilient pig farming.

The final day was dedicated to hands-on training and practical demonstrations. Participants were introduced to routine pig farm practices, artificial insemination techniques and drug administration, including deworming, vaccination schedules and iron injection procedures. These activities provided essential skills to manage the health and breeding of pigs effectively. Demonstrations on hygienic slaughter techniques and the preparation of value-added pork products were also conducted. Furthermore, lectures addressed the management of biosecurity measures to prevent disease outbreaks in pig farms. Discussions on credit assistance schemes for pig farmers highlighted financial resources available to support their ventures.

Feedback from participants revealed a high level of satisfaction with the training programme. The event concluded with a valedictory session which was attended by Dr. Rafiqul Islam, Principal Scientist & Nodal Officer, Training Cell; Dr. Pranab Jyoti Das, Principal Scientist & In-charge Tribal Sub Plan; Dr Meera K, Scientist and course coordinator and other scientific faculty members of the institute. During the session, participants expressed confidence in applying the techniques they had learned, underscoring the programme's impact on enhancing their livelihoods and nutritional security. Certificates of participation were distributed to the trainees during the valedictory session. The event concluded with a vote of thanks offered by Dr Meera K, scientist, who expressed gratitude to the Director of the institute for his constant guidance and support, to the resource persons for their contributions and to the trainees from Assam and Manipur for their active participation.

Glimpses of the programme





