

REPORT ON THREE DAY AWARENESS CUM TRAINING PROGRAMME ON PIG REARING

12th to 14th May, 2008

Sponsored by :

**INDIRA GANDHI NATIONAL OPEN UNIVERSITY,
NEW DELHI**

Organised by :

**KRISHI VIGYAN KENDRA - SYLVAN,
HENGBUNG, SENAPATI DISTRICT, MANIPUR**

THE OBJECTIVES OF THE PROPOSED PROGRAMME WAS :

- TO IMPART AWARENESS CUM TRAINING PROGRAMME ON MODERN SCIENTIFIC PIG REARING.
- TO PROVIDE EMPLOYMENT OPPORTUNITY TO POOR TRIBAL PEOPLE ESPECIALLY THROUGH PIG REARING.
- TO CREATE AWARENESS OF SELF EMPLOYMENT AMONG THE POOR TRIBAL PEOPLE THROUGH PIGGERY.
- TO PROVIDE KNOWLEDGE ON FORMATION AND MANAGEMENT OF SELF HELP GROUP AMONG THE PIG FARMERS.
- TO PROMOTE HOUSEHOLD FOOD NUTRITION AND REDUCTION OF DRUDGERY OF WOMEN THROUGH PIGGERY.

Collaborating institutes:

1. School of Agriculture, IGNOU, New Delhi.
2. IGNOU, Regional Centre, Imphal, Manipur.
3. KVK-Sylvan-FEEDS, Hengbung, Senapati Dist. Manipur.

A three-day “*Awareness-cum-training programme on Pig Rearing*” was organised at Krishi Vigyan Kendra – Sylvan, Hengbung, Senapati District, Manipur from 12th to 14th May 2008 in collaboration with KVK-Sylvan, Hengbung, Senapati District, Manipur and IGNOU, Regional Centre, Imphal, Manipur. It was sponsored by the School of Agriculture, IGNOU, New Delhi through the Regional Director, IGNOU, Imphal Centre, Manipur. The co-ordinator of the training programme were Dr.N.Muhindro Singh, Subject Matter Specialist (Vety &AH), KVK-Sylvan, Hengbung & Dr.Vijayakumar, Lecturer, SoA, IGNOU, New Delhi.

There were altogether 50 (fifty) trainees including 29 female participants. A total of 50 participants involved in Pig rearing from Hengbung, Tumnoupokpi, Yaikongpao, Tungjoi Taphou, Tungjoi, Lhangkichoi, M. Ningthouphou, Taphou Kuki, S. Changoubang, Mayangkhang, Rikhumai Taphou, Khengjang and Siangai Namdai villages of Senapati district of Manipur participated in the programme (Copy of registered participants enclosed).

Out of a total of six blocks of the district, four blocks namely Kangpokpi, Saitu-Gamphazol, Tadubi and Paomata were represented in the programme (*Fig.no.2*). All the participants were mainly scheduled tribes comprising the Kuki and Naga tribes who are the major community residing in the district.

The average age of the trainees is 36 years with 45 years being the oldest age and 27 years being the least. The age group of 25-30 years represented the maximum numbers of trainees while the age group of 35-40 years represented the least. There were trainees who were school drop-outs but are engaged in livestock farming mainly the pig rearing for self employment as well as income generation for their livelihood and household food nutrition.

The whole duration of the training programme was photographed as well as video graphed for an official documentation of the programme as well as onward submission of the report to the Director, School of Agriculture, IGNOU, New Delhi, Regional Director, IGNOU, Imphal Centre, Manipur and for library record of the KVK_Sylvan and FEEDS, Manipur. The same shall also be submitted to the Zonal Co-ordinator, Indian Council of Agricultural Research for North East Hill Region, Umiam, Shillong. The training programme was covered by the Doordarshan Kendra, Imphal and the local dailies.

The programme was inaugurated on the 12th May 2008 by Dr. R.K. Ranjit Singh, Regional Director, IGNOU Regional Centre, Imphal. Dr. Th. Jeevan Singh, Joint Director (Administration), Dept. of Veterinary Science & Animal Husbandry, Govt of Manipur was the Guest of Honour. Dr. R.K. Imotomba Singh, Programme Coordinator, KVK-Sylvan, Dr. Ch. Esau, Veterinary Officer and Dr. Ng. Ibotombi Singh, Veterinary Officer, Dept. of Veterinary Science & Animal Husbandry, Govt of Manipur, Dr. P. Vijayakumar, Lecturer, School of Agriculture, IGNOU and Dr. N.Muhindro Singh, SMS (Vety. & AH), KVK-Sylvan were present in the function.

In his inaugural speech, Dr. R.K. Ranjit Singh emphasised that Pig Rearing is part of the culture of Manipur and they sacrifice pigs during festivals and functions. He also said that this training programme will improve the quality of pig rearing system. Dr. Jeevan Singh emphasised on the need

for scientific intervention on traditional system of pig rearing in the hills so that the farmers can enhance the income generation by improving the productivity of the pigs. Dr. R.K. Imotomba Singh stressed on the need for such training programmes will upgrade the knowledge and skills of the farming community thereby improving their socio-economic status. Mr. Paominlen Kipgen, Secretary, FEEDS, Manipur gave the vote of thanks.

The 3 days programme consisted of two days of lecturers in various topics of Pig rearing and one-day field cum demonstration visit to Department of Animal Science, College of agriculture, Central Agricultural University, Imphal. Resource persons from various institutes viz. Dept. of Veterinary Science & Animal Husbandry, Govt of Manipur, Department of Animal Science, College of Agriculture, Central Agricultural University, Imphal, Krishi Vigyan Kendra-Sylvan, Hengbung and School of Agriculture, IGNOU, New Delhi delivered the lectures. All the lecture sessions were followed by an interaction session in which participants interacted with the resource persons. The participants were also shown video clippings on pig rearing.

On the first day i.e. 12th May'2008, there were four lectures. In the morning session, *Dr. P. Vijayakumar*, Lecturer, School of Agriculture gave an overview about the School of Agriculture, IGNOU. He narrated the activities taken up by the School in developing various need-based awareness, certificate and diploma programmes in collaboration with various national and international agencies to cater to the educational needs of rural mass especially in the remote areas of the country. He further said that the School has already launched two awareness and 4 diploma programmes and will be offering Certificate in Organic Farming and Certificate in Sericulture from July 2008 session. He also gave an overview about pig rearing practices. It was followed by an orientation of the training programme by *Dr.N.Muhindro Singh*, SMS (Vety), KVK-Sylvan. In the afternoon session, *Dr. Jeevan Singh*, Joint Director, Department of Animal Husbandry and Veterinary, Government of Manipur delivered his lecture on Pig rearing in Manipur – An introduction. In his lecture, he explained about the importance of pig rearing and its scope in Manipur. Next lecture was on the diseases of the Pigs by *Dr. Ng Ibotombi Singh*, Veterinary Officer, Disease Investigation Laboratory, Dept. of Animal Husbandry and Veterinary, Govt. of Manipur. He discussed about the different types of diseases which affects the pigs in Manipur, their causes, treatment and control. This was followed by a lecture on Management of Pigs by *Dr. Esau*, Veterinary Officer, Dept. of Animal Husbandry and Veterinary, Govt. of Manipur. He discussed about the management of pigswith respect to feeding, housing and health care.

On the second day i.e. 13th May'2008, the participants were taken to Dept. of Animal Sciences, College of Agriculture (CoA), Central Agricultural University, Imphal as a part of demonstration cum field visit. In the morning session, *Prof. M. Dhaneswar Singh*, Head, Dept. of Animal Sciences, CoA, Central Agricultural University, Imphal gave a lecture on the scientific feeding and housing of pigs and piglets. This was followed by a lecture on Health care management, vaccination of pigs and piglets by *Dr. Romi Maibam*, Consultant (Veterinary), ILDCS, Imphal. The last lecture of the forenoon session was delivered by *Prof. M. Dhaneswar Singh* on the role of pig farmers in tribal/rural development in the hills. In the afternoon session, the participants were taken to the pig farm of CAU for demonstration of feeding, housing, management, castration and health care of pigs and piglets. Demonstration sessions were taken by *Prof. M. Dhaneswar Singh, Dr. Romi Maibam and Dr.N.Muhindro Singh* on the different topics stated above.

On the final day of the programme day i.e. 14th May'2008, in the morning session, *Dr. R.K. Imotomba Singh*, Programme Coordinator, KVK-Sylvan gave an overview on Self Help Groups and pig cooperative movement in Manipur. It was followed by a lecture on convention and nonconventional feeds and feeding of pig by *Dr.N.Muhindro Singh*, SMS (Vety),KVK-Sylvan .In the next session, was on breeds, breeding system and artificial insemination in pigs by *Dr. P. Vijayakumar*, Lecturer, SoA, IGNOU. He described about different breeds of pigs, the system of breeding and method of artificial insemination carried out in pigs. Next lecture was on the micro-credit finances to the pig farmers by *Dr. R.K. Imotomba Singh* Programme Coordinator, KVK-Sylvan. In the afternoon

session, *Mr. L. Nilkumar Singh*, Consultant (Fisheries) discussion about the Integrated Farming System. He elaborated on the Piggery-Horticulture crops-Fishery farming system. This was followed by a lecture on the economics of pig rearing by *Dr. Esau*, Veterinary Officer, Dept. Veterinary Science and Animal Husbandry, Govt. of Manipur. Video films on various topics of pig rearing were also screened during the programme.

In the valedictory function, *Dr. R.K. Imotomba Singh*, Programme Coordinator, KVK-Sylvan, *Dr. Joseph Kuba*, Assistant Regional Director, IGNOU Regional Centre, Imphal, *Dr. P. Vijayakumar* and *Dr. N.Muhindro Singh* were present. Dr. Joseph Kuba emphasised on the need for such training programmes by IGNOU in Manipur in collaboration with various Institutions and NGOs to enhance the knowledge and skills of the farmers. Dr. R.K. Imotomba Singh stressed the need for such training programme for the farming community of the district in collaboration with different institutions. He also highly appreciated and acknowledged the School of Agriculture, IGNOU, New Delhi and the Regional Director, IGNOU, Imphal Centre, Manipur for sponsoring the training programme. The training programme concluded with distribution of certificates to the participants.

Feedback from the participants revealed that the training programme was quite useful for them and they were inspired to take up Pig rearing in large scale. They also revealed that they had gained lot of technical skills from this programme which can be utilized for improving their existing management of pigs. Some of the participants also expressed that they have gained knowledge regarding new scientific techniques employed in Pig rearing and they will be sharing the information and knowledge gained through this training with their family, friends and neighbouring farmers. The participants also promised that they will be implementing the knowledge gained from this training programme in their day to day management of Pigs.

Conclusion:

Pig rearing is one of the major activities taken up by farmers in Manipur as there is a great demand for pork and its products. But, most of the farmer practice pig rearing based on the knowledge gained from their ancestors and neighbours. In order to improve their socio-economic status, they should be aware of the recent developments and research findings which will help them to improve the meat productivity. Hence, it is suggested that such training programme can be organised in other states of north-east to enlighten the knowledge and skills of farmers and to inspire them to take up pig rearing in large scale.

DETAILED PROGRAMME OF THE “ THREE DAY AWARENESS CUM TRAINING PROGRAMME ON PIG REARING FOR FARMERS OF SENAPATI DISTRICT, MANIPUR ”

Sponsored by : Indira Gandhi National Open University, New Delhi.

Organized by : Krishi Vigyan Kendra Sylvan, Hengbung, Senapati District, Manipur.

Duration : 12th to 14th May'2008.

Training Coordinator : Dr.N.Muhindro Singh, Subject Matter Specialist (Vety. &AH),KVK Sylvan, Hengbung.

12th May, 2008 (Monday)

9.00- 9.30 am Registration by participants / trainees.

9.30- 9.55 am Inauguration of Training Programme.

Session Time Topics Resource Persons

I 10.00-11.00 am Orientation of the Programme.

Dr.N.Muhindro Singh

SMS(Vety), KVK-Sylvan, Senapati Dist., Manipur

11.00-11.15 am Tea Break

II 11.15-12.00 am Overview about School of Agriculture and pig rearing

Dr. P. Vijayakumar

Lecturer, School of Agriculture, IGNOU,
New Delhi

12.00-1.00 pm Lunch Break

III 1.00-1.45 pm

Pig rearing in Manipur - An
introduction.

Dr. Th. Jeevan Singh,

Joint Director (Admn), Dept. of Vety. Sc.
& AH,

Govt. of Manipur, Manipur.

IV 1.45-2.45 pm

Management of Pig-Feeding,
Housing, Weaning, and health care measures.

Dr.Ch. Esau,

Veterinary Officer, Senapati District.

V 2.45-3.30 pm

Common Diseases of Pig in
Manipur-their treatment and
control measures.

Dr. Ng. Ibotombi Singh

Veterinary Officer, Disease Investigation
Lab, Manipur.

13th May,2008 (Tuesday)

**Field cum demonstration visit of trainees at
CAU, Imphal .**

6.45 am Departure from KVK for the field visit.

8.45 am Arrival at CAU, Imphal

Session Time Topics Resource Persons

I 9.00-10.00 am Scientific Feeding, Housing of
Pig and Piglets.

Prof. M. Dhaneswar Singh.

Head, Dept. of Animal Science, COA, CAU,
Imphal.

II 10.00-11.00 am

Health care management and
vaccination of Pig and Piglets.

Dr.Romi Maibam,

Consultant (Vety),ILDCS,Imphal.

III 11.00-12.00 pm Role of Pig farmers in tribal /
rural Development in the hill..

Prof. M. Dhaneswar Singh.

Head, Dept. of Animal Science, OA, CAU,
Imphal.

12.00-1.00 pm Lunch Break

IV 1.00-2.15 pm

Demonstration of Housing of
different category of Pig and
piglets.

Dr.Romi Maibam,

Consultant (Vety),ILDCS,Imphal.

2.15-2.30 pm Tea Break

V 2.30-3.45pm

Demonstration of various feeds
and feeding practices of Pig.

Dr.N.Muhindro Singh

SMS (Vety), KVK-Sylvan, Senapati Dist,
Manipur

3.45 pm Departure from CAU, Imphal.

Dr.R.K.Imotomba Singh,

Programme Coordinator, KVK-Sylvan,
Senapati, Manipur

10.00-10.15 am Tea Break

II 10.15-11.00 am Breeds of pig, Breeding System
and

Artificial Insemination in pigs.

Dr. P. Vijayakumar

Lecturer, School of Agriculture, IGNOU,
New Delhi

III 11.00-11.45 pm

Micro-credit finances to the Pig
farmers.

Dr.R.K.Imotomba Singh,

Programme Coordinator, KVK-Sylvan,
Senapati, Manipur

11.45-12.30 pm Lunch Break

IV 12.30-1.15 pm Integrated Farming System.
(Piggery – Horticultural crops – Fishery).

Mr. L. Nilkumar Singh

Consultant (Fisheries)

V 1.15-2.00 pm Economics of Pig Rearing

Dr.Ch. Esau,

Veterinary Officer, Senapati District.

2.00-2.45 pm Video Clipping on the Subject.

2.45-3.00 pm Tea Break

Valedictory function:

3.00 pm : Valedictory function and Distribution of
Certificates to the participants.

