

ICAR



Piggery for Progress

Transforming Livelihoods of
Scheduled Caste Communities



ICAR-National Research Centre on Pig
Rani, Guwahati-781131, Assam, India

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Foreword

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Pig farming has long been a major source of livelihood for rural and marginalized communities in India. Recognizing its economic potential, the Scheduled Caste Sub Plan (SCSP) has played a pivotal role in empowering scheduled caste pig farmers through targeted interventions aimed at skill development, technical support, farm input distribution, pig feed supply etc., in addition to an array of field level farmer-oriented programmes. These initiatives have not only improved the socio-economic conditions of beneficiaries but also contributed to the overall growth of the piggery sector in India.



This book, *"Piggery for Progress : Transforming Livelihoods of Scheduled Caste Communities"* is a commendable effort to document the tangible impact of SCSP programs on pig farmers. Through real-life case reports, the book highlights how scientific capacity building, access to quality pig germplasm, pig production practices, improved healthcare and organized market linkages have ensured transition of scheduled caste farmers from traditional pig rearing to progress into a more sustainable and profitable pig farming enterprises. While going through the pages of this book, I am impressed by the resilience and determination of these farmers.

While the SCSP has achieved significant milestones, there remains scope for further strengthening and refining these initiatives. Future interventions with emphasis on implementing precision farming, resource optimization, disease management, digital innovations, value chain development etc., will bring more impact and ensure that pig farming will evolve as the most viable and sustainable economic activity.

I congratulate all members of ICAR-NRC on Pig, for their dedicated efforts in compiling this important work. I am sure that this book will provide valuable insights for policymakers, researchers, and aspiring entrepreneurs.

A handwritten signature in black ink, appearing to read 'Vivek' followed by a stylized surname.

(Vivek Kumar Gupta)
Director, ICAR-NRCP



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About ICAR-National Research Centre on Pig

The ICAR-National Research Centre on Pig (ICAR-NRC on Pig) was established in 2002 under the aegis of the Indian Council of Agricultural Research to bring excellence in pig production, health and product processing through innovative research to provide technology backstopping for enhanced pork production, employment generation and poverty reduction among socially and economically weaker sections through pig husbandry. The institute is involved in popularizing superior quality germplasm, effective nutritional interventions, scientific pig production practices, real-time disease monitoring and surveillance, post-harvest pork processing and value addition etc. Activities of ICAR-NRC on Pig envisages on all-round development of the piggery sector along with its affiliation units, viz., Krishi Vigyan Kendra (KVK) and All India Coordinated Research Project (AICRP). The institute also supports tribal and scheduled caste communities through its outreach programmes through out the country.

Our Mandate ■

- Basic and applied research for enhancing pig production
- Repository of information on pig production
- Capacity building

Our Mission ■

Performance appraisal and genetic cataloging of indigenous pigs, development of improved pig variety together with production, health, product processing and pig based integrated farming system technologies to facilitate the pig rearers of the country achieving household food, nutritional and economic security.

Our Vision ■

To bring in excellence in pig production, health and product processing through innovative research in order to provide technology backstopping for enhanced pork production, employment generation and poverty reduction among socially and economically weaker sections through the medium of pig husbandry.

Executive Summary

Pig farming has emerged as a crucial livelihood option for marginalized communities in India, particularly among Scheduled Caste (SC) farmers. Under the **Scheduled Caste Sub Plan (SCSP)**, a series of targeted interventions have been implemented to uplift SC pig farmers, improve their economic stability and enhance the sustainability of pig farming practices. This book documents the transformative journey of SC farmers who have benefitted from the SCSP, highlighting their success stories and the broader impact of the initiative.

The objective of this book is to showcase the tangible outcomes of SCSP interventions in pig farming, serving as both an inspiration and a learning resource for policymakers, researchers, and aspiring farmers. Through case studies, we explore how strategic investments in training, financial support, infrastructure development, and technological advancements have empowered SC farmers, leading to increased productivity and profitability.

Key Findings:

1. **Increased Economic Opportunities:** SCSP support has enabled farmers to establish sustainable pig farming enterprises, generating a steady income and improving their socio-economic status.
2. **Adoption of Improved Breeds & Farming Practices:** Through SCSP, farmers have gained access to superior pig germplasm, scientific pig management practices, feed formulations, and modern healthcare interventions, resulting in better production efficiency.
3. **Women Empowerment & Social Inclusion:** A notable trend observed is that the interventions of the SCSP programmes have resulted in more participation of SC women in pig farming, leading to increased gender inclusivity in the sector.

Impact of SCSP Interventions on Pig Farmers:

The SCSP has played a pivotal role in uplifting SC farmers by addressing economic, social and technical barriers in pig farming. The field level programmes like awareness programmes, health camps, farmer-scientist interaction meets, field days, etc., has created positive reinforcements among the pig farmers, and attracted more enthusiastic youth to build their own entrepreneurship in this promising sector. Farmers who were previously engaged in subsistence-level pig rearing have now transitioned to commercial-scale operations. This transformation has resulted in enhanced food security and improved rural livelihoods.

A woman wearing a white sari with a maroon border and a gold earring is gently holding a small white piglet in her hands. She is looking down at the piglet with a smile. The background is a lush green field of tall plants, possibly corn, under bright sunlight. The text "Success Stories" is written in a white, cursive font in the upper right area of the image.

Success Stories



Scientific Pig Farming

Path to Prosperity

Name of farmer : Apurba Baniya
Address : Bijulibari, Sipajher, Darrang
Location : 26.376638° N, 91.882912° E
Contact Number : 8724812671

Introduction

When the floods destroyed their crops and left them with no source of income, Apurba and his family were forced to look for alternative livelihood options. That time their close friend Mukut Nath suggested pig farming. To begin their journey in pig farming, Apurba decided to undergo training on “Scientific pig farming for livelihood and nutritional security” at ICAR-NRC on Pig in Rani, Guwahati. During his stay at the institute, he learned every minute detail of scientific pig farming, which equipped him with the knowledge and skills needed to run a successful pig farm. The insights gained from the training program to ensure the biosecurity of his farm helped him when African Swine Fever outbreak happened in nearby localities. Their enterprise has been a great success and he is planning to expand it by establishing a slaughter house and processing unit soon. He hopes that it will also create job opportunities for others in their community.



Intervention by ICAR-National Research Centre on Pig

Free residential training was provided to Apurba under the SCSP programme ICAR-NRC on Pig. Technical inputs like leaflets on the care and management of pigs, biosecurity measures etc., were also provided. He was also a beneficiary of the farm input distribution programme under SCSP where he received water pump and mineral mixture packets.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	5,40,000
2	Finisher	3,24,000
	Total	8.64 Lakhs

Achievements

The farm has grown into a breeding unit with 16 breedable females and 10 boars. They were able to produce more than 180 piglets annually, in addition to the sale of fatteners. They are in the process of expansion by establishing a separate finisher unit with a slaughter facility.





Name of farmer : Mandip Namasudra
Address : Balisatra, Koya, Kamrup (R)
Location : 26.386268° N, 91.587201° E
Contact Number : 9957795338

Introduction

Mandip Namasudra belongs to an agrarian family. His brothers have goat farms and poultry farms. However it was pig farming that fascinated Mandip due to its immense market opportunities. He started a finisher pig farm in the year 2020 after attending SCSP-sponsored awareness camps on pig farming. After initiating the enterprise, he got advice on shed construction, feeding and disease management from ICAR- NRC on Pig. He feeds pigs with locally available agricultural by products in addition to concentrate pig feeds. He regularly performs vaccination and deworming.

He has a pucca concrete floored shed to keep a stock of 10 growers and 4 finishers. He maintains Hampshire-Ghoongroo crossbred pigs as growers on his farm. Mandip was able to sell 18 finishers to the pork market during the last year.

Employment Generation

Through Pig Farming



Intervention by ICAR-National Research Centre on Pig

Technical inputs through an awareness camp organized by ICAR-NRC on Pig was instrumental in establishing the pig farm. Feed, nutritional supplements, medicines and mixer grinders were provided by the institute under the SCSP programme to motivate and help the farmer.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Finisher	3,60,000
	Total	3.60 Lakhs

Achievements

The skill development through awareness camps on pig farming practices has created direct employment generation for a scheduled caste rural youth by establishing a finisher pig farm. He was able to sell 18 finishers in a year. The annual revenue generation was to the tune of Rs 3.60 lakhs from this enterprise.





Name of farmer : Dipali Hira

Address : Garagara, Palashbari, Kamrup

Location : 26.011038° N, 91.494461° E

Contact Number : 7664931997

Introduction

Dipali Hira was involved in pig farming for the last 10 years. Conventionally, she used to buy weaners from breeder units for growing up to marketable age, but the growth rates were not up to the mark. She attended an SCSP sponsored training programme on scientific pig farming organized by ICAR-NRC on Pig at Rani in the year 2019. As she recalls "the knowledge gained through the training programme helped me to optimize the production practice". She was quick to implement the learnings in her daily farming operations. Biosecurity, which earlier was given the least importance, was implemented strictly which helped her to save her livestock from African Swine Fever when it affected the entire state. She is also a beneficiary of pig feed distribution programme under SCSP. The continuous support has reaped rich benefits. As she points out, "the returns from pig farming almost doubled through the continuous support from ICAR-NRC on Pig".

Revolutionizing Pig Farming

Through Skillful Training



Intervention by ICAR-National Research Centre on Pig

Dipali Hira is a trainee of an SCSP sponsored training programme on scientific pig farming organized by ICAR-NRC on Pig at Rani in the year 2019. Under the Scheduled caste sub-plan (SCSP), ICAR-NRC on Pig supplied feed and nutritional supplements in addition to continuous monitoring and technical support.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,50,000
2	Finisher	1,60,000
	Total	3.10 Lakhs

Achievements

Interventions of ICAR-NRC on Pig through SCSP have helped to augment the production performance and income of a marginalized scheduled caste housewife. The income has helped her to run her family of 3 members and pursue expenditure for the education of her daughter. She is able to sell 45-50 piglets and 6-8 finishers on yearly basis.





Name of farmer : Anima Hira

Address : Garagara, Palashbari, Kamrup

Location : 26.011037° N, 91.494462° E

Contact Number : 8471813561

Introduction

The Story of Anima Hira began with the supply of two piglets through the SCSP programme of ICAR-NRC on Pig when she was struggling to find a source of income for livelihood. She along with her daughter Rajani Hira reared those piglets and bred them till their breedable age. ICAR-NRC on Pig provided continuous support in the form of technical guidance through various outreach programmes from time to time. Through these awareness camps she was introduced to low cost feed formulations which enabled her in practising piggery in a more sustainable manner. She was also a beneficiary of the pig feed distribution programme of SCSP. Implementing biosecurity measures through the biosecurity kits supplied through SCSP helped her to prevent her stock from disease outbreaks.

The farm has now grown into a breeding unit of 7 breedable females. She was able to sell more than 30 piglets annually.

Sowing Prosperity

Livelihood Generation Through Piglet Distribution Programme



Intervention by ICAR-National Research Centre on Pig

The piglet for beginning the farm was supplied through the SCSP sponsored piglet distribution programme of ICAR-NRC on Pig. Under the programme good quality germplasm developed at ICAR-NRC on Pig was supplied free of cost to the farmer. The scientists from the institute paid regular visits for technical guidance in addition to the supply of mineral supplements and biosecurity accessories. This has helped the farmer in preventing diseases and managing the farm sustainably using locally available resources.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	75,000
2	Finisher	1,00,000
	Total	1.75 Lakhs

Achievements

Mrs. Anima Hira and Rajani Hira were able to find a sustainable income source by managing a breeder unit of Khoongroo and Rani pigs. The annual income was 1.75 lakhs through sales of Piglets and Finishers. They were able to deliver more than 40 good quality piglets to nearby farms in one year duration.





Name of farmer : Rubal Hira

Address : Garagara, Palashbari, Kamrup

Location : 26.011038° N, 91.494463° E

Contact Number : 9387060063

Introduction

This story is about the success of an exceptionally energetic youth with limited resources belonging to the SC community, who ventured into pig farming. Mr. Rubal Hira started his pig farm back in 2020 with two piglets received from ICAR-NRC on Pig through the SCSP programme. Meanwhile, he completed his master's in economics and got confidence in focusing on his piggery to develop it into a breeder unit. He attended a SCSP-sponsored training programme on "Advances in Scientific Practices & Techniques in Pig Production" at ICAR-NRC on Pig, Rani. With the gained knowledge he upgraded to scientific housing and adapted health care measures like biosecurity, vaccinations etc. In his own words, "the continuous support from the ICAR-NRC on Pig has helped him establish a sustainable piggery unit". In a short period, through his efforts the farm has grown up to 4 breeding females. He produces almost 70 piglets in a year.

Employment Generation

by Empowering Educated Youth



Intervention by ICAR-National Research Centre on Pig

Mr. Rubal came into pig farming after receiving a pair of piglets from ICAR-NRC on Pig through the SCSP sponsored animal distribution programme. He was also a recipient of pig feed through input distribution programme. Meanwhile, he received biosecurity kit, in addition to the deworming drugs during subsequent awareness programmes. He was selected to be a participant of the SCSP-sponsored 7-day residential training programme on "Advances in Scientific Practices & Techniques in Pig Production" at ICAR-NRC on Pig, Rani.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	2,10,000
	Total	2.10 Lakhs

Achievements

The pig production unit has given Mr. Rubal Hira a regular source of income. He established a breeder unit which can supply Rani piglets to nearby farms. He was able to earn an annual income of Rs 2.10 lakhs through this farm.





Name of farmer : Gobinda Hira

Address : Garagara, Palashbari, Kamrup

Location : 26.011038° N, 91.494461° E

Contact Number : 9395095268

Introduction

Gobinda Hira was a daily labourer who had been struggling to make ends meet for years. He started pig farming seriously when his neighbours started reaping benefits through piggery. With no prior experience in pig farming, Mr. Hira attended an SCSP sponsored awareness camp organized by ICAR-NRC on Pig at Garagara. He started with two pigs received through the piglet distribution programme of ICAR-NRC on Pig, but with his dedication and hard work, he gradually expanded. In this process, he got support from the institute in the form of feed and supplements, which helped him to maintain the health of his pigs. Over time, Mr. Gobinda increased his pig stock and sold his pigs for a good price, earning a steady income. In his own words, "the journey from labour to financially secure farmer is a gratifying one". With his financial stability, he was able to provide a better life for his family. He was able to afford a better education for his children and invest in their future.

The Inspiring Success of A Labourer Turned Pig Farmer



Intervention by ICAR-National Research Centre on Pig

The piglet distribution programme sponsored by SCSP of ICAR-NRC on Pig provided the seed stock for the initiation of his farm. Technical inputs were provided during the awareness camps. Meanwhile, continuous technical support and healthcare advises were provided through routine field visits of scientists from ICAR-NRC on Pig.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,0,5,000
2	Finisher	72,000
	Total	1.77 Lakhs

Achievements

From his humble beginnings as a daily labourer, Mr. Gobinda Hira was able to find a dependable income source through pig rearing. He presently has a finisher cum breeder farm with 4 breedable females. He was able to produce 42 Rani piglets and earn 1.77 lakh rupees through pig farming in one year.





Name of farmer : Uttam Hira
Address : Garagara, Palashbari, Kamrup
Location : 26.01103° N, 91.494462° E
Contact Number : 9365068683

Introduction

Mr. Uttam Hira, a young man from the rural village of Garagara, struggled to find employment opportunities. He had limited resources, however, he was determined to improve his life and decided to explore pig farming as a means of generating income. Through ICAR-N R C on Pig, Mr. Hira received three piglets to start his own farm. The institute also provided him with training on pig farming techniques, including feeding, breeding, and disease prevention. Mr. Hira attended health camps and learned biosecurity measures to prevent diseases, ensuring the health and well-being of his pigs. With his dedication and hard work, he was able to expand his farm and increased his pig stock.

Annually, his farm produces more than 35 piglets. With the income from his pig farm, he became self-reliant. He has become a role model and is now helping others in his community to start their own pig farms.

Achieving Self-Reliance

Through Swine Husbandry



Intervention by ICAR-National Research Centre on Pig

Mr. Uttam Hira started his pig farm from 3 piglets supplied under SCSP sponsored animal distribution programme organized in 2020. He is a recipient of SCSP sponsored pig feed distribution programme. Scientists from ICAR-NRC on Pig pay regular field visits to the farm of Mr. Uttam Hira to provide technical guidance. He received biosecurity accessories, nutritional supplements and medicines from ICAR-NRC on Pig.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,75,000
	Total	1.75 Lakhs

Achievements

Through his hard work and dedication, he not only improved his own life but also created employment opportunities for others in his community with smaller finisher units, by supplying almost 70 piglets. He was able to earn an income of more than 1.75 lakh rupees through his pig breeder unit. His farm remained unaffected during the African Swine Fever outbreak due to the biosecurity measures implemented on his farm.





From Feathers to Trotters

Deepak Hira's Pig Farming Success

Name of farmer : Deepak Hira

Address : Birugaon, Bikripara, Kamrup

Location : 26.00612° N, 91.460773° E

Contact Number : 8099416228

Introduction

Deepak Hira was a broiler farmer who was struggling due to stiff competition in the market. He got attracted to pig farming after learning about the lucrative market opportunities and high profits associated with it. Despite having no prior experience in pig farming, he decided to take the plunge and pursue this new venture. Mr. Deepak faced some challenges in his initial years of pig farming, during 2021 when disease outbreaks were reported in nearby areas. However, he approached ICAR-NRC on Pig for help. The scientists of the institute familiarized him with the biosecurity measures through videography demonstrations. The institute also provided biosecurity accessories to keep his farm disease-free. With these measures in place, Deepak's farm flourished, and he became a successful pig farmer. His family of four members, including his wife and two children, enjoy a comfortable life through pig farming.



Intervention by ICAR-National Research Centre on Pig

Deepak's success story is a testament to the power of hard work and determination of a farmer with the support of the ICAR-NRC on Pig in promoting entrepreneurship and economic development in rural areas. He received initial training, seed stock of pigs etc., through the SCSP programme of ICAR-NRC on Pig. The institute also provided technical guidance and farm accessories like biosecurity kits, grinders, farm equipment etc., in addition to nutritional supplements.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,35,000
2	Finisher	1,70,000
	Total	3.05 Lakhs

Achievements

Deepak hira was able to establish a successful livelihood through piggery after recouping the failure from other agricultural enterprises. Establishment of a foolproof biosecurity system has helped him to achieve better returns even during the ASF outbreak period. He generates 3.05 lakh rupees annually through pig farming.





Name of farmer : Kuldeep Das
Address : Bijulibari, Marai, Sipajher, Darrang
Location : 26.375556° N, 91.881081° E
Contact Number : 8753059420

Introduction

The story of Kuldeep Das and his wife Pampi Das is a heartwarming success story of how determination and the right guidance can transform one's life. In 2017, Mr. Kuldeep was struggling to earn a livelihood when they turned to pig farming. Initially, he faced numerous challenges, however, their fortunes changed when they attended awareness camps organized by ICAR-NRC on Pig under the SCSP programme. With the guidance of the scientists from ICAR-NRC on Pig, they started pig farming in a more organized way. With the advice of the scientists, they started feeding locally available poultry slaughter house byproducts after proper heat treatment protocols, which significantly reduced their input costs. ICAR-NRC on Pig also provided mineral mixtures to boost the growth of their pigs. Moreover, Kuldeep was a beneficiary of the animal feed distribution program under the SCSP. Thanks to their hard work and the right guidance from ICAR-NRC on Pig, their pig farming has flourished and their livelihood has improved significantly.

Waste to Wealth

Innovating for Prosperity



Intervention by ICAR-National Research Centre on Pig

Mr. Kuldeep Das was able to optimize the production by taking advice from scientists during his interactions at an awareness camp organized under the SCSP programme. He is also a beneficiary of SCSP sponsored feed distribution programme. The institute has also supplied mineral mixtures, water pumps etc., as inputs to boost his pig farming. He routinely performs vaccination and deworming as per the schedule recommended by ICAR-NRC on Pig.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	72,000
2	Finisher	1,08,000
	Total	1.80 Lakhs

Achievements

By adopting scientific pig farming he was able to generate more profit through pig farming. He was able to produce almost 24 piglets and 6 marketable finishers in a year from his pig production unit. The farm generates an annual income of Rs. 1.80 lakhs.





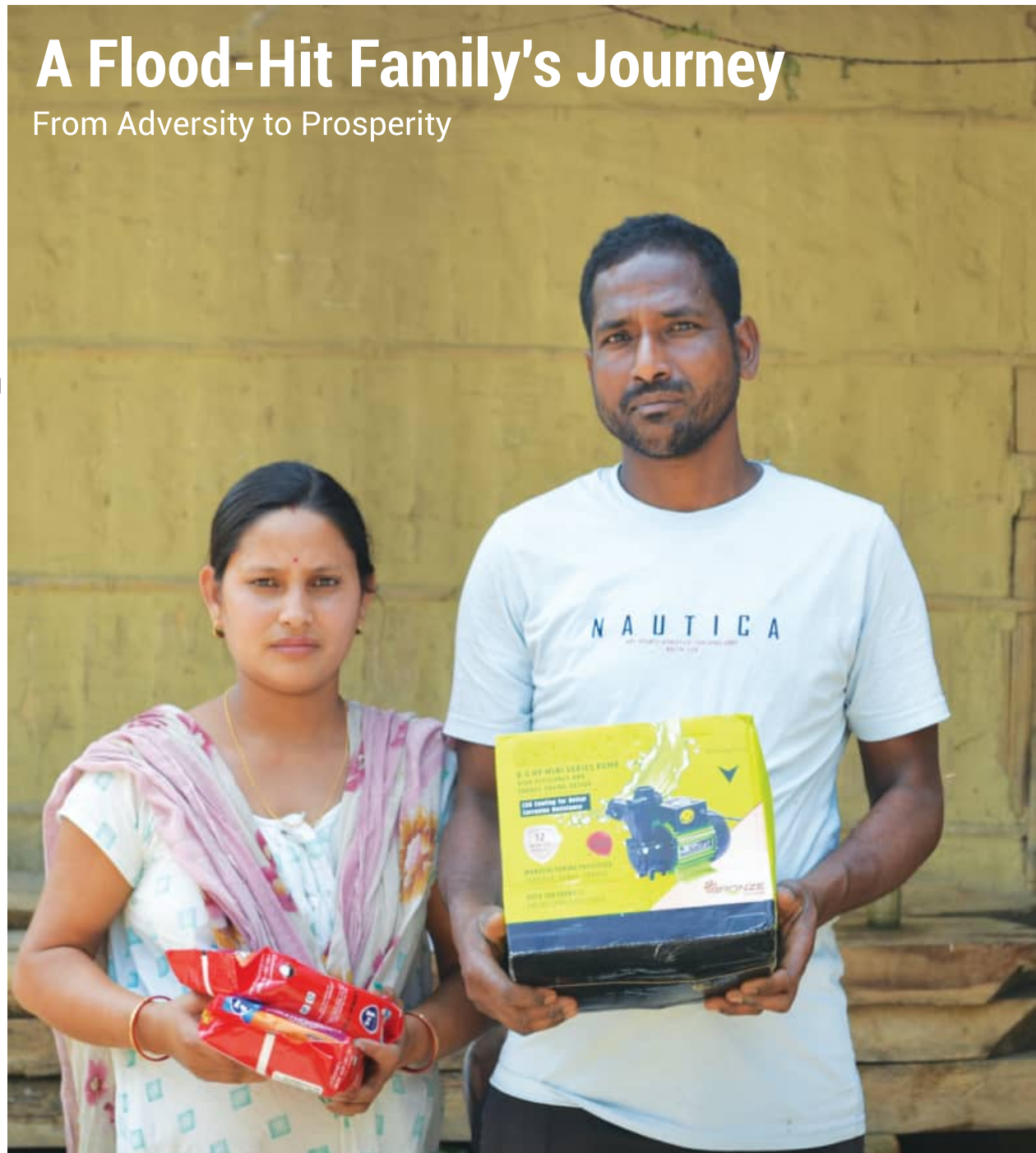
Name of farmer : Dimbeswar Das
 Address : Bijulibari, Marai, Sipajher, Darrang
 Location : 26.376638° N, 91.882912° E
 Contact Number : 6002397010

Introduction

The success story of Dimbeswar Das and his wife Dulumoni Borua Das belonging to scheduled caste community is truly inspiring. They started pig farming when there were no other options available for livelihood in the flood-affected area. To reduce the cost of production, Dimbeswar utilized vegetable wastes and offals from chicken shops. He cooked broiler waste into a soup along with vegetable waste and fed them to pigs. However, he faced severe piglet mortality, which led him to approach ICAR-NRC on Pig for assistance. Under the SCSP program, the institute supplied mineral supplements, and deworming drugs. The institute also provided pig feed. He was given classes on farm management and sanitation. Biosecurity was implemented. As a result, the piglet crop increased in the subsequent farrowings. Thanks to the assistance from ICAR-NRC on Pig, Dimbeswar and Dulumoni's pig farming business has grown significantly.

A Flood-Hit Family's Journey

From Adversity to Prosperity



Intervention by ICAR-National Research Centre on Pig

Dimbeswar is a beneficiary of SCSP sponsored pig feed distribution programme. For shed cleaning and sanitation, he received a water pump from ICAR-NRC on Pig. When neonatal mortality was severe on his farm, scientists from ICAR-NRC on Pig provided technical guidance and supplied health kits and mineral mixtures to tide over the issue.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,50,000
2	Finisher	1,60,000
	Total	3.10 Lakhs

Achievements

Through pig husbandry Dimbeswar Das and Dulumoni have seen a significant increase in profits and their livelihood has improved significantly. They were able to produce 50 piglets and 10 finisher pigs during the last year. The annual income from the pig farm was Rs 3.10 lakhs, which provided a sustainable livelihood for the flood-affected family.





Name of farmer : Nabanita Das Kaiborta
Address : Balisatra, Koya, Kamrup
Location : 26.387912° N, 91.582331° E
Contact Number : 9127256827

Introduction

As a newlywed bride when Nabanita arrived at her groom's residence from her homeland of Dibrugarh, she already had made the choice to be a supporting spouse and to contribute constructively to help out her husband. Despite some initial reluctance, her husband Mr. Mridul agreed to join her in her venture to establish a piggery on a nearby plot in the year 2019. Their venture experienced some early setbacks. With technical assistance from ICAR-NRC on Pig, Mrs. Nabanita Das was able to optimize her pig production practices by adopting scientific techniques.

Their enterprise has now reached a growing trajectory with 4 breedable females, 1 breeding boar, 24 growers, and 5 finisher stock. She is able to sell about 60-80 piglets in a year. Along with that, she was able to market 10 finishers annually.

Nabanita's Journey to Success

Through Pig Husbandry



Intervention by ICAR-National Research Centre on Pig

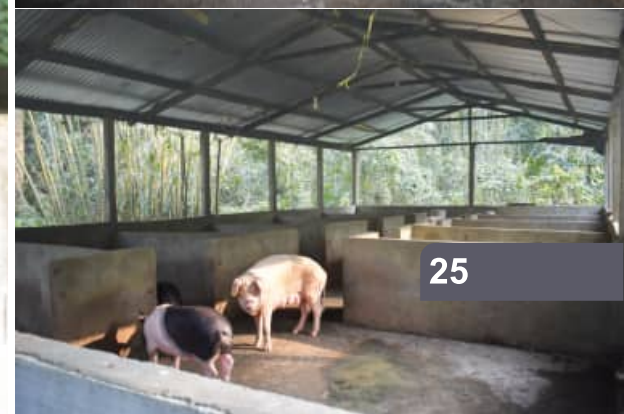
Under the Scheduled Caste Sub Plan (SCSP), ICAR-NRC on Pig supplied feed and nutritional supplements to the emerging farmer. Additionally, the dissemination of knowledge was done through awareness sessions under the outreach programmes of the institute. Additionally, a mixer grinder and biosecurity kit were also supplied under the SCSP programme.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,50,000
2	Finisher	2,00,000
	Total	3.50 Lakhs

Achievements

The pig farm has generated employment for an educated young female from the SC community and helped her family to generate additional sources of income. The enterprise delivered 10 finishers for pork production and processing. 60-80 piglets were sold to nearby farmers on annual basis. This pig farm generated 3.50 lakhs rupees in one year.



Transforming Lives

Youth Empowerment Through Piggery



Name of farmer : Trilokya Das
Address : Jhilkapara, Barkalachauka,
Kalaigaon
Location : 26.553831° N, 92.011051° E
Contact Number : 8638914618

Introduction

Trilokya Das's success story is an inspiration to many who face difficulties in finding a sustainable source of income. After facing numerous rejections while searching for a job, Trilokya decided to start a pig farm. However, he faced several challenges in the beginning due to a lack of technical knowledge. He attended a field day organized by ICAR-NRC on Pig under the SCSP program, which provided him with valuable technical knowledge on pig farming and access to pig feed and other inputs. Presently, Trilokya have 5 sows and 1 boar in his breeder unit. He annually produces more than 40 piglets, which has added significant returns to his sustainable livelihood, in addition to his paddy cultivation. He has been proactive in following the recommended health schedule, including vaccination and deworming of his pigs, as recommended by scientists from ICAR-NRC on Pig. His perseverance has provided him with a sustainable source of income and financial stability to his family.



Intervention by ICAR-National Research Centre on Pig

Trailokya Das is a beneficiary of the field day organized by ICAR-NRC on Pig, under the SCSP programme. He received pig feed and mineral supplements from the institute during subsequent field visits by scientists of the institute. For facilitating potable water supply to his pig sheds, a motor pump was also supplied by ICAR-NRC on Pig under the SCSP programme.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,40,000
2	Other Farming	60,000
	Total	2.00 lakhs

Achievements

Mr. Trailokya was able to establish a breeding unit with minimum capital investment under the guidance of ICAR-NRC on Pig. The unit produced 40 piglets in the last year alone, thus providing a sustainable livelihood for his family.





The Success Story

Of Swine-Duck-Fish Integrated Farming

Name of farmer : Balaram Das
 Address : Jhilkapara, Barkalachauka, Kalaigaon
 Location : 26.5540832° N, 92.011624° E
 Contact Number : 6002703014



Introduction

Balaram Das and his wife Champa Medhi initially starting off with conventional paddy cultivation, before venturing into poultry farming and aquaculture on the farm premises. Afterwards, Balaram Das decided to take it a step further by optimizing their resources through integrated farming. He started a pig farm to make use of the offals from poultry and fish. This decision to start a pig farm not only helped him to optimize resource usage but also helped to sail across the difficult times when heavy losses incurred in poultry farming due to stiff competition. To further reduce feed costs, Mr. Balaram sought training from ICAR-NRC on Pig to formulate feed using locally available feed and vegetable resources. He began using cabbage and other vegetables along with rice bran as per the seasonal availability. Mr. Balaram also became a beneficiary of the pig feed distribution program of SCSP, which helped him get nutritional supplements and inputs like water pumps to aid their farming. To ensure the health of their pigs, they received regular healthcare advice from scientists at ICAR-NRC on Pig. The support received from various programs allowed them to grow their pig farm to 8 breedable female pigs and 12 finishers.

Intervention by ICAR-National Research Centre on Pig

Mr. Balaram got training from ICAR-NRC on Pig to formulate feed using locally available feed and vegetable resources. He is a beneficiary of the pig feed distribution programme under SCSP. During field visits of the scientists from ICAR-NRC on Pig, Balaram also received nutritional supplements and a water pump, in addition to guidance regarding health care and management.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	60,000
2	Finisher	1,02,000
3	Other farming	1,80,000
	Total	3.42 lakhs

Achievements

Balaram Das and Champa Medhi's success story stands as an example of how integrated farming and smart resource utilization can be a profitable and sustainable farming model. Their willingness to learn, adapt and make use of the resources available to them has helped them achieve their farming goals and create a thriving business.





Name of farmer : Hitesh Bania
Address : Jhilkapara, Barkalachauka,
Kalaigaon
Location : 26.545733° N, 92.021618° E
Contact Number : 9365962282

Introduction

Hitesh Bania's pig farm suffered a severe setback when it was affected by African Swine Fever (ASF), but he was determined not to give up on his pig farming business. He knew that only through pig farming, he could regain his financial losses. However, before restarting his farm, he sought advice from ICAR-NRC on Pig on scientific pig farming and disease prevention. Technical inputs in the form of information bulletins and videographic demonstrations helped him to adopt best practices for disease prevention. Hitesh was also a beneficiary of the health camp organized by ICAR-NRC on Pig under the SCSP program. The pig feed supplied under the feed distribution program helped him to reduce the financial burden while restarting his farm. Now he sells 35-40 piglets annually. His commitment to scientific pig farming and along with the support he received from ICAR-NRC on Pig, has helped him rebound successfully.

Story of a Pig Farmer's

Post-African Swine Fever Revival



Intervention by ICAR-National Research Centre on Pig

ICAR-NRC on Pig provided technical guidance for reviving the pig farm after the ASF outbreak. Mr. Hitesh was a beneficiary of SCSP sponsored feed distribution programme. He received a water pump for the washing and sanitation of his pig farm. He was also routinely provided with mineral supplements during field visits.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	1,36,000
2	Finisher	44,000
	Total	1.80 lakhs

Achievements

Hitesh Bania was able to successfully revive his pig farm after the ASF outbreak. He was able to produce 34 piglets and sold 2 finishers after repopulating his farm in 1 year duration and was able to generate 1.80 lakhs in revenue.





Name of farmer : Nalini Hazarika
Address : Nalbari, Kulchi
Location : 25.998636° N, 91.430055° E
Contact Number : 9101977873

Introduction

Mrs. Nalini started pig farm in 2018, with the dream of finding a source for a decent livelihood. However, things did not go as planned. They faced many difficulties and failures, which included managing the farm's finances, finding the right breed of pigs, and struggling to understand the technicalities of pig farming. Determined to overcome these challenges, Mrs. Nalini attended training programmes on scientific pig production from the ICAR-NRC on Pig. With technical guidance from ICAR-NRC on Pig, she established a pig multiplier unit through semen obtained from ICAR-NRC on Pig. As a result of her hard work and perseverance, Mrs. Nalini now has 15 breedable females and 15 finishers stock on her farm. Annually she produces more than 200 piglets. Today, Mrs. Nalini is a proud pig farmer and her success story is an inspiration to many young entrepreneurs.

Achieving Success Through

Pig Multiplier Unit



Intervention by ICAR-National Research Centre on Pig

The institute provided technical guidance through SCSP sponsored training programmes. Additionally, the institute was instrumental in establishing a Pig multiplier unit in their farm, by providing semen doses free of cost. The institute also supplied feed, utensils, grinders, medicines, and mineral mixtures during various field programmes.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	6,70,000
2	Finisher	2,70,000
	Total	9.40 Lakhs

Achievements

Mrs. Nalini was able to propagate Rani germplasm through the artificial insemination technique. Through her farm, she was able to generate an annual revenue of 9.40 lakhs.

Technical support by
ICAR- National Research Centre on Pig
Rani, Guwahati - 781 131





Name of farmer : Kanmoy Hira

Address : Garagara, Palashbari, Kamrup

Location : 26.5540836° N, 92.011628° E

Contact Number : 9394676327

Introduction

Smt. Kanmoy Hira was a promising farmer identified through the institute's SCSP programme. She received farm inputs like biosecurity kits, farm equipment and pig feed. In addition, she was also supplied with one breeding male and two female pigs. Later, she attended a residential training programme on "Scientific Pig Production and Management" from March 21st to 23rd, 2022. In her words "it was a life-changing moment!". She was able to produce 50 piglets within a period of 12 months and thus her journey began.

The most notable accomplishment was during the recent African Swine Fever (ASF) outbreak when most of the farms shuttered due to heavy mortality.

As she recalled, "the biosecurity measures learned from ICAR-NRC on Pig were strictly implemented, which saved (her stock) from the disaster. The biosecurity kits supplied as a part of the SCSP programme have proven to be a blessing during times of uncertainty". She and her husband adhered to strict biosecurity protocols for routine farm management and as a result, their animals are still safe. The saga of Smt. Kanmoy brilliantly demonstrates the capacity of the piggery sector to rapidly advance the social status and financial independence of a housewife belonging to SC community within a short span of time.

Successful Women Entrepreneurship

Through Scientific Pig Farming



Intervention by ICAR-National Research Centre on Pig

She was trained on scientific pig production practices under SCSP sponsored training programme at ICAR-NRC on Pig. Simultaneously, piglets and pig feed were also supplied. Additionally, biosecurity kit and nutritional supplements were also supplied. Scientists make regular field visits to give technical support whenever required, and help in disease diagnosis and healthcare.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	2,40,000
2	Finisher	1,80,000
	Total	4.20 Lakhs

Achievements

The pig husbandry empowered her to support her family in time of financial need. She is currently selling more than 80 quality piglets to nearby backyard pig farmers, thus helping her community members to earn a living.



Passion into Profit

The Inspiring Journey of a Budding Entrepreneur



Name of farmer : Namrata Hira

Address : Garagara, Palashbari, Kamrup

Location : 26.5540831° N, 92.011622° E

Contact Number : 9864696349

Introduction

This is an inspiring tale of Namrata, a girl from a scheduled caste community who is now pursuing her higher education. She started her interest in pig farming by helping her father soon after finishing the 10th standard, where she received a matriculation grade of 87%. She kept nursing her hobby of farming while pursuing her studies further. She rears a stock of 2 boars, 4 sows, and 12 growers. During academic breaks, she attended training at ICAR-NRC on Pig to update her practical knowledge on scientific pig farming and artificial insemination in pigs. Namrata also received farm inputs like a biosecurity kit and farm implements from ICAR-NRC on Pig under the SCSP programme of the institute. The biosecurity measures prevented the incidence of Africa Swine Fever, which has devastated many nearby farms. She plans to focus on the breeder facility, where she makes more money. Annually she sells over 50 piglets and 3-5 finishers.



Intervention by ICAR-National Research Centre on Pig

She has credited her success to the scientific farming practices, which she learned from ICAR-NRC on Pig where she was trained. She is a recipient of piglets, pig feed, biosecurity kit and nutritional supplements under SCSP programme. Technical support through regular health camps and awareness camps has supported her production unit.

Yearly Income

Sl No.	Particulars	Income (Rupees)
1	Piglet sale	2,50,000
2	Finisher	1,00,000
	Total	3.50 lakhs

Achievements

Her financial contribution to the family through pig husbandry has empowered her to make independent decisions about continuing her higher studies. She generates nearly 3.50 lakhs annually while pursuing her education. She takes great satisfaction in knowing that the piglets she sells each year to her neighbours enable them to earn a respectable income through backyard piggery, utilizing their kitchen waste.





Outreach Programmes



PROMOTION OF PIG ENTREPRENEURSHIP
under Scheduled Caste Sub Plan of
ICAR- National Research Centre on Pig
Rani, Guwahati-781131, Assam

Date : 01-10-2024 ■ Venue : Silimpur, Gohamukh Dhemaji

Participatory Rural Appraisal and Input Distribution Programme

Venue : Maroi village, Darrang district, Assam

Date : 06.08.2022

Total number of beneficiaries : 50

Items distributed : 25 spades, 50 shovels, 25 rain coats, 25 buckets and 25 LED emergency lights

Coordinators : Dr. Misha Madhavan M, Scientist
Dr. Keshab Barman, Pr. Scientist
Dr. Kalyan De, Sr. Scientist



ICAR-National Research Centre on Pig, Guwahati, Assam has organized "Participatory Rural Appraisal and Input Distribution Programme" with 50 SC farmers at Maroi, Darrang District, Assam on 06th August 2022. During the programme, the farmers together with the facilitators prepared Participatory Rural Appraisal (PRA) tools like social map of the village, venn diagram and problem identification and prioritization. For different activities key informants were selected from the group. The PRA was conducted to gather information related to the available resources, social contacts, constraints and opportunities in improving the livelihood of the farmers. Dr. Keshab Barman, Pr. Scientist; Dr. Kalyan De, Sr. Scientist and Dr. Misha Madhavan M., Scientist from ICAR-NRC on Pig, facilitated the PRA activities. Different inputs like spades, shovels, rain coats, LED emergency lights and steel buckets were also distributed to the farmers during the programme.

Awareness Camp cum Input Distribution Programme

Venue : Rowmari, Chirang district, Assam

Date : 03.01.2025

Total number of beneficiaries : 95

Items distributed : 15 tonnes (300 bags X 50 kg) pig feed,
100 umbrellas, 100 emergency lights,
100 jute bags and 10 mixer grinders

Coordinators : Dr. Priyajoy Kar, Scientist
Dr. Lokesha E, Scientist
Dr. Kalyan De, Sr. Scientist





On January 3, 2025, an "Awareness Camp cum Input Distribution Program" was organized by the ICAR-National Research Centre on Pig at Rowmari, Chirang district, Assam, under the Scheduled Castes Sub Plan (SCSP). The event aimed to support the local SC pig farmers in improving their livelihood through improving pig production. A total of 95 scheduled caste beneficiaries participated in the program, which included an informative session followed by the distribution of essential agricultural and livestock inputs. The program commenced with an introduction by Dr. Priyajoy Kar, Scientist, who outlined the objectives of the SCSP and the role of the ICAR and different government schemes. Dr. Lokesh E, Scientist, then addressed problems of costly feed in pig production through feeding locally available feed resources. Dr. Kalyan De, Sr. Scientist, concluded the awareness session by emphasizing scientific pig farming methods. Following the awareness session, essential inputs were distributed to the participants to support their farming and livestock activities. The distributed items included 15 tonnes (300 bags x 50 kg) pig feed, 100 umbrellas, 100 emergency lights, 100 jute bags and 10 mixer grinders. The program was well-received by the participants, who expressed their gratitude for the valuable knowledge shared and the inputs provided. They acknowledged that the distribution of pig feed, in particular, would greatly benefit their livestock farming and help them overcome some of the challenges they faced.



ICT Based Extension Programme and Input Distribution Programme

Venue : Kaniha, Rangia, Kamrup district, Assam

Date : 19.10.2022

Total number of beneficiaries : 60

Items Distributed : 9 tonnes (180 bags X 50 kg) pig feed,
60 kg (1kg pack X 60) mineral mixture,
60 raincoats, 60 shovels, 60 spades and
25 leaflets.

Coordinators : Dr. Seema Rani Pegu, Sr. Scientist
Dr. Keshab Barman, Pr. Scientist
Dr. Rajib Deb, Sr. Scientist
Dr. Kalyan De, Sr. Scientist

ICT Based Extension Programme & INPUT DISTRIBUTION PROGRAMME under SCHEDULED CASTE SUB PLAN

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19-10-2022



ICAR-National Research Centre on Pig, Guwahati, Assam has organized an "ICT-based Extension Programme and Input Distribution Programme" with 60 Scheduled caste (SC) farmers at Kaniha, Rangia of Kamrup District, Assam on 19th October 2022. During the programme, the farmers were informed about different aspects of scientific pig production. They were made aware and taught about the use of the mobile application (African Swine Fever; developed by ICAR-NRC on Pig) for the improvement of pig farming. The farmers were also made aware of collecting knowledge and information from the internet and YouTube for increasing income through pig farming. Furthermore, lectures were delivered on the nutritional management of pig by Dr. K Barman, Pr. Scientist; on the importance of health management and vaccination by Dr. Seema R. Pegu, Sr. Scientist; on biosecurity of pig farming by Dr. Rajiv Deb, Sr. Scientist and on general management and housing for pig farming by Dr. Kalyan De, Sr. Scientist. On this occasion, inputs like; 9 tonnes (180 bags X 50 kg) pig feed, 60 kg (1 kg pack X 60) mineral mixture, 60 shovels, 60 spades, 60 raincoats and 25 leaflets on scientific pig farming were distributed among 60 SC pig farmers of Koniha, Rangia of Kamrup District.

Awareness Camp cum Baseline Survey and Input Distribution Programme

Venue : Jhilkapara, Kalaigaon, Udalguri district, Assam

Date : 25.11.2022

Total number of beneficiaries : 52

Items distributed : 10.5 tonnes (210 bags X 50 kg) pig feed, 52 kg (1 kg pack X 52) mineral mixture, 52 spades, 52 raincoats and 52 pair of gumboots

Coordinators : Dr. Jaya, Scientist
Dr. Kalyan De, Sr. Scientist
Dr. Anil Kumar Das, Technical Officer





ICAR-National Research Centre on Pig, Guwahati, Assam has organized an "Awareness Camp cum Baseline Survey and Input Distribution Programme" with 52 scheduled caste farmers at Jhilkapara village, P.O.- Borkola chowka, Block-Kalaigaon of Udalguri District on 25th November 2022. During the programme, a baseline survey was conducted with 20 SC pig farmers. Information was collected on their livelihood, knowledge on scientific pig farming and source of income through questionnaires. After that, an awareness camp was organised among 52 scheduled caste farmers, which included lectures by Dr Kalyan De, Sr. Scientist, on the management of pigs; Dr Jaya, Scientist, on the importance of biosecurity in the farm and Dr Anil Kumar Das, Technical Officer, on neonatal care, health management and general health issues. On this occasion, inputs like; 10.5 tonnes (210 bags X 50 kg) pig feed, 52 kg (1 kg pack X 52) mineral mixture, 52 spades, 52 rain coats and 52 pairs of gumboots were distributed among 52 SC pig farmers of Jhilkapara village, P.O.- Borkola chowka, Block-Kalaigaon of Udalguri District.



Field Day cum Baseline Survey and Input Distribution Programme

Venue : Dhantula village, Rampur, Kamrup district, Assam

Date : 09.12.2022

Total number of beneficiaries : 70

Items distributed : 14 tonnes (280 bags x 50 kg) pig feed, 70 kg (1 kg pack X 70) mineral mixture, 70 gumboots and 70 LED emergency lights

Coordinators : Dr. Juwar Doley, Sr. Scientist
Dr. Kalyan De, Sr. Scientist
Dr. S Jayachitra Devi, Scientist
Dr. Gagan Bhuyan, Technical Officer





ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organised "Field Day Cum Baseline Survey and Input Distribution Programme" for 70 Scheduled Caste farmers at Dhantula, Rampur, Kamrup District on 9th December 2022. During the programme, a baseline survey was conducted with 20 SC pig farmers. Information was collected on their livelihood, knowledge on scientific pig farming and source of income through questionnaires. After that "Field Day, programme" was organised among the 70 scheduled caste farmers which include lectures by Dr Juwar Doley, Sr. Scientist, on the diseases and health aspects in piggery sector, Dr Kalyan De, Sr. Scientist, on the management of pigs, Dr S. Jayachitra Devi, Scientist, on the source of information of pig rearing using information technology and Dr Gagan Bhuyan, Technical Officer, on the farm management and other general health issues. On this programme, inputs like 14 tonnes (280 bags X 50 kg) pig feed, 70 kg (1 kg pack X 70) mineral mixture, 70 gumboots and 70 LED emergency lights were distributed among 70 scheduled caste pig farmers of Dhantula, Kamrup district.

Kisan Diwas and Input Distribution Programme

Venue : Simlitola, Rangjuli, Goalpara district, Assam

Date : 23.12.2022

Total number of beneficiaries : 70

Items distributed : 14 tonnes (280 bags x 50kg) pig feed, 70 kg (1 kg pack X 70) mineral mixture, 70 umbrellas and 70 spades

Coordinators : Dr. S. Jayachitra Devi, Scientist
Dr. Keshab Barman, Pr. Scientist
Dr. Kalyan De, Sr. Scientist
Dr. Hitu Choudhury, ACTO





ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has celebrated "Kisan Diwas" and organized "Input Distribution Programme" at Simlitola, Rangjuli, Goalpara District on 23rd December 2022. During the programme, more than 70 scheduled caste pig farmers interacted with the scientists of ICAR-NRC on Pig. The farmers informed the problems and crises they are facing in pig production. The experts of ICAR-NRC on Pig have given possible suggestions to overcome those problems. In this programme, lectures were delivered to improve pig production through scientific knowledge improvement of the farmers. Dr Keshab Barman, Pr. Scientist, delivered a lecture on feeding management and low-cost feeding of pigs; Dr. Kalyan De, Sr. Scientist, on housing and management of pigs; and Dr. Hitu Choudhury, ACTO (Animal Science), KVK Goalpara on reproductive management and biosecurity in pig farms. In this programme, inputs like 14 tonnes (280 bags X 50 kg) pig feed, 70 kg (1 kg pack X 70) mineral mixture, 70 umbrellas and 70 spades were distributed among 70 scheduled caste pig farmers of Simlitola, Rangjuli of Goalpara district.



Awareness Camp and Input Distribution Programme

Venue : Gargara Village, Rani, Kamrup district, Assam

Date : 27.12.2022

Total number of beneficiaries : 72

Items distributed : 12 tonnes (240 bags x 50 kg) pig feed and 70 kg (1 kg pack X 70) mineral mixture

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Nitin M. Attupuram, Scientist
Dr. Gagan Bhuyan, Technical Officer



**AWARENESS CAMP AND
INPUT DISTRIBUTION PROGRAMME**
under
SCHEDULED CASTE SUB PLAN
of
NATIONAL RESEARCH CENTRE ON PIG
Rani, Guwahati-781131, Assam
Venue: Gargara, P.O.



ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organized an "Awareness Camp and Input Distribution Programme" at Gargara village, Block- Rani of Kamrup District in Assam on 27th December 2022. In this programme, 72 scheduled caste pig farmers participated. During this programme, the pig farmers were made aware of scientific pig farming. Lectures were delivered to improve pig production through scientific knowledge improvement of the farmers. Dr Kalyan De, Sr. Scientist; delivered a lecture on biosecurity, housing and management of pigs; Dr. Gagan Bhuysan, Technical Officer; delivered a lecture on routine management of pig, neonatal care, feeding and vaccination of pigs. In this programme, inputs like 12 tonnes (240 bags X 50 kg) pig feed and 70 kg (1 kg pack X 70) mineral mixture were distributed among 72 scheduled caste pig farmers of Gargara village, Block- Rani of Kamrup district of Assam.



Piggery-Entrepreneurship Promotion and Input Distribution Programme

Venue : Khatarbari, Nagrijuli, Tamulpur district, Assam

Date : 30.12.2022

Total number of beneficiaries : 78

Items distributed : 10 tonnes (200 bags x 50 kg) pig feed and 90 kg (1 kg pack X 90) mineral mixture

Coordinators : Dr. Satish Kumar, Scientist
Dr. Kalyan De, Sr. Scientist





ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organized a "Piggery-Entrepreneurship Promotion and Input Distribution Programme" at Khatarbari, Block-Nagrijiuli of Tamulpur District in Assam on 30th December 2022. In this programme, 78 scheduled caste pig farmers participated. In this programme, Dr. Kalyan De, Sr. Scientist, encouraged the farmers to increase their farm capacity through scientific pig farming to become entrepreneurs for improving their living standards and livelihood. On this occasion Dr Satish Kumar, Scientist; motivated the participant SC pig farmers to improve their profit from pig farming through proper breed selection, scientific breeding and nutritional management. In this programme, inputs like 10 tonnes (200 bags X 50 kg) pig feed and 90 kg (1 kg pack X 90) mineral mixture were distributed among 78 scheduled caste pig farmers of Khatarbari, Nagrijiuli, Tamulpur district of Assam.



Pig Distribution Programme cum Animal Health Camp

Venue : Dhupguri, Block-Sonapur, Kamrup (Metro) district, Assam

Date : 20.03.2023

Total number of beneficiaries : 48

Items distributed : 96 piglets and 48 Health Kit (Povidine iodine- 100 ml, Liv. 52 - 100 g, Fenbendazol bolus- 4, Neblon powder- 100 g, Himax ointment- 50 g and mineral mixture- 1 kg)

Coordinators : Dr. Pranab J. Das, Pr. Scientist
Dr. Seema R. Pegu, Sr. Scientist
Dr. Kalyan De, Sr. Scientist





ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organized a "Pig Distribution cum Animal Health Camp" at Dhupguri, Sonapur of Kamrup (Metro) district in Assam on 20th March 2023. In this programme, 96 HD-K75 piglets were distributed among 48 SC pig farmers. Along with the piglets, the farmers were provided with essential health kits for pigs. The kit includes Povidine iodine- 100 ml, Liv. 52-100 g, Fenbendazol bolus- 4, Neblon powder- 100 g, Himax ointment- 50 g and mineral mixture - 1 kg. During the interaction session with the stakeholders; Dr Pranab Joyoti Das, Pr. Scientist, elaborated the breeding process and selection of pigs to the participant. Dr. Kalyan De, Sr. Scientist, encouraged the farmers for adopting scientific pig farming practices. He also discussed the essential management practices to be adopted in a model pig farm. Dr. Seema R. Pegu, Sr. Scientist, described the different components of health kits and their utility. She further stressed the biosecurity measures in pig farming to prevent disease in pigs. The programme was also graced by Dr. Dheeraswar Kalita, Professor, Incharge-AICRP on Pig at AAU, Khanapara unit, who further advised the farmers regarding proper feeding management practices. He also emphasized about the profit-oriented marketing process which will help farmers to reap maximum benefits.

Pig Distribution Programme

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

Date : 06.02.2025

Total number of beneficiaries : 21

Items distributed : : 42 Rani Piglets

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Priyajoy Kar, Scientist
Dr. Anil Kr. Das, Technical Officer





The ICAR-National Research Centre on Pig, Guwahati, conducted a "Pig Germplasm Distribution and Farmer-Scientist Interaction Program" on February 6, 2025, at its campus for smallholder Scheduled Caste (SC) pig farmers. As part of this initiative, 21 SC farmers from Baksa and Tamulpur districts of Assam received two piglets each. The program aimed to establish small cluster-based piggery units and educate farmers on scientific pig farming practices through informative lectures. Dr. Kalyan De, Sr. Scientist, provided insights into biosecurity, housing and pig management, while Dr. Priyajoy Kar, Scientist, guided farmers on marketing strategies, profit maximization and value added product processing. Farmers were also supplied with display banners indicating the farm profiles as a method to facilitate impact assessment of the program in the future. The beneficiaries expressed their appreciation for the initiative and showed enthusiasm for expanding their pig farming ventures commercially.



Awareness Camp cum Input Distribution Programme

Venue : Ulubari, Bijni, Chirang district , Assam

Date : 28.06.2023

Total number of beneficiaries : 64

Items distributed : 9 tonnes (180 bags X 50 kg) pig feed,
40 spades, 20 shovels and 64 leaflets

Coordinators : Dr. Priyajoy Kar, Scientist
Dr. Kalyan De, Sr. Scientist
Dr. Anil Kumar Das, Technical Officer



ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organized an "Awareness Camp cum Input Distribution Programme" at Ulubari village of Bijni sub-division in Chirang district of Assam on 28th June 2023. The programme was organized at Ulubari State Veterinary Dispensary. In this programme, 64 scheduled caste (SC) farmers belonging to Lakhhijhora, Bishnupur, and Fulkumari village participated in the awareness camp. During this programme, the pig farmers were made aware of scientific pig farming practices. In this programme, lectures were delivered to improve pig production through scientific knowledge improvement of the farmers. Dr Kalyan De, Sr. Scientist, delivered a lecture on biosecurity, housing and management of pigs. Dr. Priyajoy Kar, Scientist, made the farmers aware of different marketing channels, procedures for better marketing, problems and solutions. He also encouraged the farmers for product processing and preparation of value added products. Dr. Anil Kumar Das, Technical Officer, advised the farmers about routine management of pig, neonatal care, feeding, and vaccination of pigs. In this programme, inputs like 9 tonnes (180 bags X 50 kg) pig feed, 20 shovels, 40 spades and 64 leaflets on scientific pig production were distributed among the SC pig farmers of Ulubari village, Subdivision-Bijni of Chirang district in Assam. The program was ended with vote of thanks from Dr. Barnali Talukdar, Veterinary Officer, Bijni Sub -Division.



Field Day and Input Distribution Programme

Venue : Maharipara village, Goreshwar,
Baksa district, Assam

Date : 25.08.2023

Total number of beneficiaries : 65

Items distributed : 10 tonnes (200 bags X 50 kg)
pig feed and 65 leaflets

Coordinators : Dr. Juwar Doley, Sr. Scientist
Dr. Kalyan De, Sr. Scientist
Dr. Priyajoy Kar, Scientist





ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organized a "Field Day and Input Distribution Programme" at Maharipara village of Goreshwar block of Baksa district of Assam on 25th August, 2023. In this programme, 65 scheduled caste (SC) farmers belonging to different villages under Goreshwar block participated in the "Field Day program". During this programme, the pig farmers were made aware of scientific pig farming practices. In this programme, lectures were delivered to improve pig production through scientific knowledge improvement of the farmers. Dr. Juwar Doley, Sr. Scientist, delivered a lecture on scientific management of pigs, neonatal care, feeding, housing, importance of timely vaccination and deworming. Dr. Priyajoy Kar, Scientist, made the farmers aware of different marketing channels, procedure for marketing for higher benefits, credit assistance schemes for farmers, government subsidies and bankable projects. He also encouraged the farmers for product processing and preparation of value-added products. Dr. Kalyan De, Sr. Scientist, delivered a lecture on biosecurity, housing and management of pigs. In this programme, inputs like 10 tonnes (200 bags X 50 kg) pig feed were distributed among the SC pig farmers of Goreshwar block of Baksa district in Assam. The participating farmers showed great interest in adopting scientific pig farming practices and engaged in the programme with eagerness and excitement. The program ended with vote of thanks from Mr. Golap Kalita, Chairman of a local NGO.



Farmer's Day and Input Distribution Programme

Venue : Pijupara, Kamrup (R) district, Assam

Date : 10.10.2023

Total number of beneficiaries : 100

Items distributed : 18 tonnes (360 bags X 50 kg) pig feed, 70 pairs of gumboots and 70 literature related to pig rearing

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Souvik Paul, Sr. Scientist
Dr. Rajib Kumar Das, Technical Officer





ICAR-National Research Centre on Pig, Rani, Guwahati, Assam has organized a "Farmers Day and Input Distribution Programme" at Pijupara village of Kamrup (R) district of Assam on 10th October, 2023. In this programme, 100 scheduled caste (SC) farmers belonging from different villages nearby Pijupara village participated in the farmers day and input distribution programme. During the program, an interaction session among the farmers and the scientists was organized regarding the existing problems faced in the pig ecosystem. The farmers were informed about the different scientific pig farming practices which they can adopt in their farms situation. Dr. Kalyan De, Sr. Scientist, informed farmers about the role of ICAR-NRC on Pig, Rani in the piggery sector and about Scheduled Caste Sub Plan (SCSP). Dr. Souvik Paul, Sr. Scientist, imparted knowledge about biosecurity of pig farm, common disease and their prevention, vaccinations and deworming in pig. Dr. Rajib Kr. Das, Technical Officer, delivered a lecture on scientific pig farm management, daily management practices to be followed in a pig farm and answered different queries raised by the farmers. In this programme, inputs like 18 tonnes (360 bags X 50 kg) pig feed, 70 pair of gumboots and 70 leaflets on Rani Pig were distributed among the SC pig farmers of Pijupara village of Kamrup (R) district of Assam. The participated farmers were much interested in taking up scientific pig farming practices and participated in the program with great zeal and enthusiasm.



Piglet Distribution Programme

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

Date : 28.12.2023

Total number of beneficiaries : 15

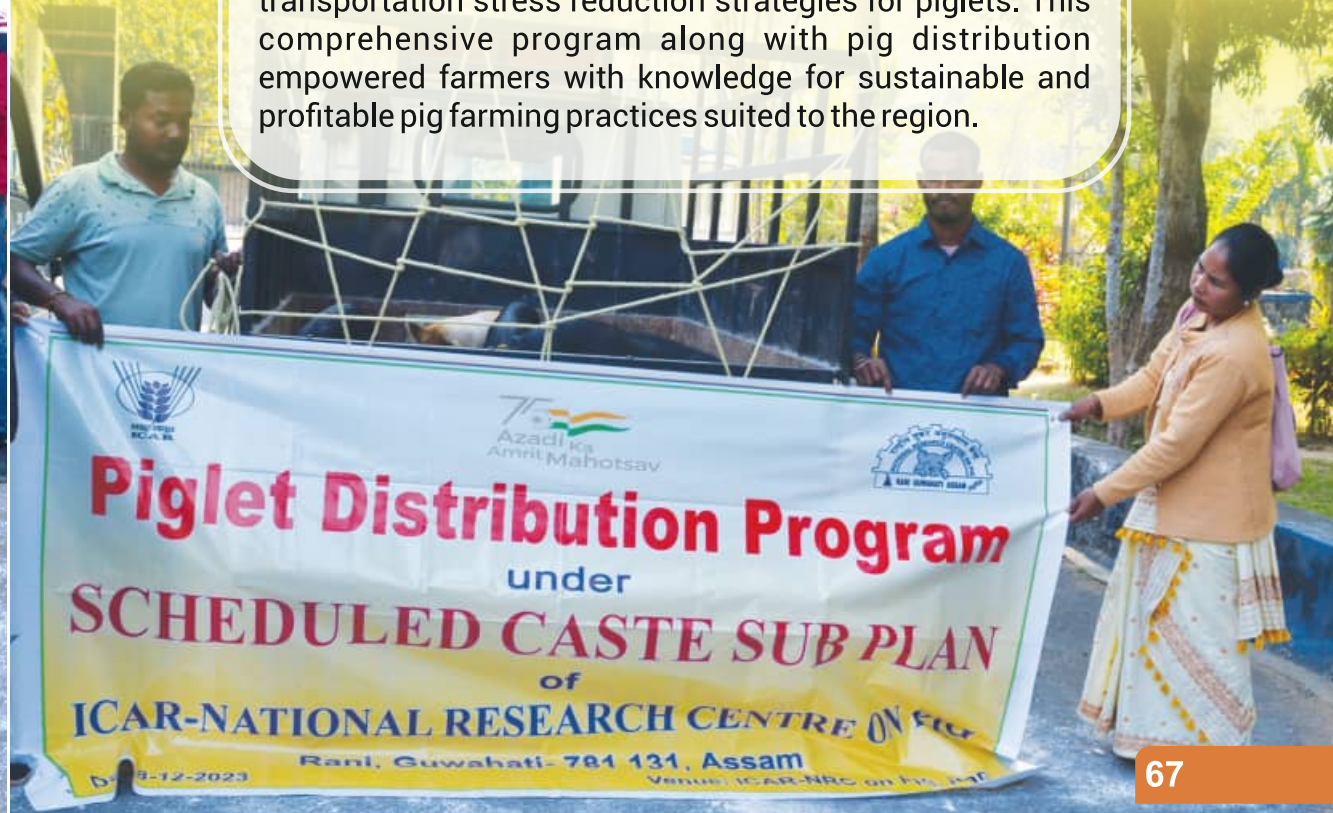
Items distributed : A total of 30 piglets (15 male and 15 female) piglets and 15 pair of gumboots

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Nitin M. Attupuram, Scientist
Dr. Anil Kr. Das, Technical Officer
Dr. Gagan Bhuyan, Technical Officer





The ICAR-National Research Centre on Pig organized a "Pig Distribution Programme" on December 28, 2023, distributing 30 Rani piglets (cross of Hampshire and Khoongroo breed) among 15 scheduled caste pig farmers. Each farmer also received a pair of gumboots for farm biosecurity purposes. During interactive session, Dr. Kalyan De, Sr. Scientist, highlighted the institute's activities, with a specific focus on the Scheduled Caste Sub-Plan (SCSP) initiatives. Dr. Nitin M. Attupuram, Scientist, urged farmers to adopt scientific pig farming practices, sharing insights on neonatal management and other measures to improve viability of pig farming. On this occasion Dr. Anil Kr. Das and Dr. Gagan Bhuyan, Technical Officer, provided essential information on biosecurity measures, vaccination schedules, deworming practices and immediate post-transportation stress reduction strategies for piglets. This comprehensive program along with pig distribution empowered farmers with knowledge for sustainable and profitable pig farming practices suited to the region.



Piglet Distribution cum ICT-based Participatory Technology Sharing Programme

Venue : KVK Dudhnoi, Block-Goalpara district, Assam

Date : 02.02.2024

Total number of beneficiaries : 30

Items distributed : 66 piglets (29 Male and 37 Females)

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Priyajoy Kar, Scientist
Dr. Hitu Choudhury, ACTO





The ICAR-National Research Centre on Pig, Rani, Guwahati, Assam organized a "Piglet Distribution Programme" at Krishi Vigyan Kendra Dudhnoi, located in the Goalpara district of Assam On 2nd February 2024. The initiative aimed to support scheduled caste pig farmers under the Scheduled Caste Sub Plan (SCSP) by distributing 66 piglets among 30 beneficiaries from Piprajhar, Bakaijhar, and Dubapara villages of Goalpara district. Among the 30 beneficiaries, 14 were women farmers, emphasizing inclusivity and gender equity in agricultural practices. Dr. Kalyan De, Sr. Scientist, elucidated the institute's activities, focusing particularly on SCSP initiatives, during an interactive session with the farmers. Dr. Priyajoy Kar, Scientist, motivated the farmers to adopt scientific pig farming practices, emphasizing modern techniques and methodologies. Dr. Hitu Choudhury, ACTO, KVK Dudhnoi, shared essential management practices for establishing a model pig farm, providing valuable insights into efficient farm operations. Dr. Santosh Baisya, Pr. Scientist & Head KVK Goalpara, graced the programme and discussed the promising prospects of pig rearing in Assam. He advocated for the development of a pig village, emphasizing the potential economic benefits and sustainability of such an initiative. The piglet distribution programme not only facilitated the distribution of piglets to scheduled caste pig farmers, but also served as a platform for knowledge exchange and capacity building. The successful implementation of the piglet distribution programme underscored the commitment of ICAR-NRC on Pig towards promoting inclusive and sustainable agricultural development.



Awareness Camp cum Input Distribution Programme

Venue : Natun Bazar, Hojai, Hojai district district, Assam

Date : 01.03.2024

Total number of beneficiaries : 55

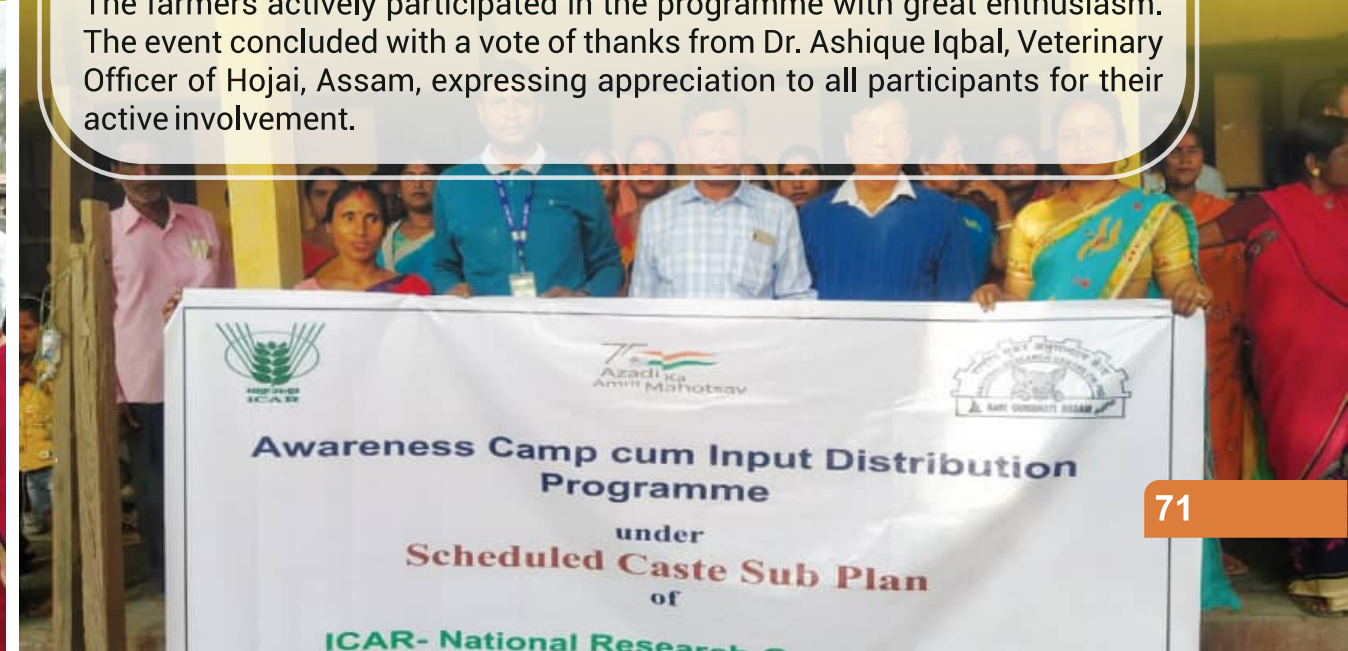
Items distributed : 9 tonnes (180 bags X 50 kg) pig feed and 60 pairs of gumboots

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Anil Kumar Das, Technical officer





The ICAR-National Research Centre on Pig, located in Rani, Guwahati, Assam, organized an "Awareness Camp cum Input Distribution Programme" at Natun Bazar in the Hojai district. A total of 55 scheduled caste (SC) farmers from nearby villages of Natun Bazar area of the Hojai district actively participated in this programme. The event was honoured by the presence of the Additional District Commissioner, Hozai District. The event facilitated an interactive session between the farmers and scientists, focussing on the prevalent challenges in the pig farming. Farmers were educated about adopting scientific pig farming practices suitable for their farm environments. Dr. Kalyan De, Sr. Scientist, shared valuable insights into scientific housing, feeding techniques, neonatal care, and the importance of vaccination protocols. Dr. Anil Kumar Das, Technical Officer, delivered an informative lecture on scientific pig farm management, addressing the diverse queries raised by the attending farmers. As part of the initiative, a total of 9 tonnes (180 bags X 50 kg) pig feed and 60 pairs of gumboots were distributed among SC pig farmers in the Hojai district. The farmers actively participated in the programme with great enthusiasm. The event concluded with a vote of thanks from Dr. Ashique Iqbal, Veterinary Officer of Hojai, Assam, expressing appreciation to all participants for their active involvement.



Research-Extension-Farmers Interface Meeting cum Input Distribution Programme

Venue : Katahguri village, Nagaon, Assam

Date : 14.02.2025

Total no of SC Beneficiaries : 100

Items distributed : 15 tonnes (300 bags X 50 kg) pig feed and 100 umbrellas

Coordinators : Dr. Priyajoy Kar, Scientist
Dr. Lokesha E, Scientist
Dr. Rajib Kumar Das, Technical Officer





The ICAR-National Research Centre on Pig, Guwahati, organized a "Research-Extension-Farmers Interface Meeting cum Input Distribution Programme" on February 14, 2025, for smallholder Scheduled Caste (SC) pig farmers in Katahguri village, Nagaon, Assam. The event was attended by 100 SC pig farmers, who participated in discussions aimed at improving pig farming practices.

As part of the programme, farmers received training on scientific pig farming methods through expert lectures. Dr. Kalyan De, Sr. Scientist, spoke about biosecurity, housing and pig management, while Dr. Priyajoy Kar, Scientist, provided insights into marketing strategies, profit maximization and the benefits of processing value-added products. Additionally, Dr. Rajib Das, Technical Officer, guided farmers on managing parasitic diseases, neonatal care, feeding and vaccination protocols.

To support the farmers, 15 tonnes (300 bags X 50 kg) pig feed and 100 umbrellas were distributed among SC pig farmers from Baksa district. The programme aimed to enhance farmers' knowledge and provide essential inputs to strengthen their pig farming practices. The participants expressed their appreciation for the initiative and showed keen interest in expanding their pig farming businesses commercially.



Technical Demonstration on Artificial Insemination in Pigs and Health Camp

Venue : Betagaon village, Tamulpur district, Assam

Date : 05.08.2024

Total number of beneficiaries : 50

Items distributed : 50 health kits (Povidine iodine- 100 ml, Liv. 52 - 100 g, Fenbendazol bolus- 4, Neblon powder- 100 g and Himax ointment- 50 g)

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Rafiqul Islam, Pr. Scientist
Dr. Seema R. Pegu, Sr. Scientist
Dr. Sunil Kumar, Scientist



Technology Demonstration
on
Artificial Insemination in Pig
under
Scheduled Caste Sub Plan
of
RESEARCH CENTRE ON PIG
81 131, Assam
Venue - Betagaon, Tamulpur



The ICAR-National Research Centre on Pig, located in Rani, Guwahati, Assam, conducted a "Technical Demonstration on Artificial Insemination in Pigs and Health Camp" at Betagaon village in the Tamulpur district of Assam. The event was organized under the Scheduled Caste Sub Plan (SCSP) and saw active participation of 50 SC pig farmers from the surrounding area. The program began with an introduction by Dr. Kalyan De, Sr. Scientist, who briefed the farmers on the ICAR-NRC on Pig, highlighting their objectives and SCSP activities. Dr. Rafiqul Islam, Pr. Scientist, then addressed the prevalent challenges in pig farming and discussed strategies to enhance financial gains through pig farming and artificial insemination techniques. Dr. Seema R. Pegu, Sr. Scientist, emphasized the importance of biosecurity measures in daily pig farming practices and provided a detailed explanation of health kits and their proper use. Dr. Sunil Kumar, Scientist, demonstrated the artificial insemination process in pigs, including the procedure and sources for obtaining high-quality boar semen. During the camp, farmers raised various health and reproductive issues they encounter in pig farming and the scientists offered guidance on prevention and treatment options. Additionally, 50 health kits were distributed to the farmers, each containing essential items such as anthelmintic suspension, anti-diarrheal powder, herbal liver tonic, disinfectant, fly repellent, antiseptic solution, cotton and chelated vitamin-mineral mixture, all packaged in a high-quality jute bag. The participating farmers expressed their gratitude, stating that they found the program highly beneficial. The event was a success, providing valuable knowledge and resources to the pig farmers in the region.



Research-Extension-Farmer Interface Meeting and Input Distribution Programme

Venue : Silimpur, Gogamukh, Baksa district,
Assam

Date : 01.10.2024

Total number of beneficiaries : 430

Items distributed : 50 tonnes (1,000 bags X 50 kg) pig feed,
320 steel buckets, 300 pairs of gumboots
and 20 umbrellas

Coordinators : Dr. Juwar Doley, Sr. Scientist
Dr. Nitin Attupuram, Scientist
Dr. Kalyan De, Sr. Scientist





In a significant boost to the livelihoods of Scheduled Caste (SC) pig farmers, the ICAR-National Research Centre on Pig, Rani, Guwahati, organized a "Research-Extension-Farmer Interface and Input Distribution Programme" at Silimpur, Gogamukh in Baksa district on October 1st, 2024. The programme organized under Scheduled Caste Sub Plan (SCSP) was graced by Mr. Paramananda Chayengia, Chief Executive Member of the Missing Autonomous Council and Ms. Anamika Gogoi, Circle Officer, Gogamukh representing the district administration. The success of the initiative was evident through the active participation from 430 (SC) pig farmers, who attended insightful lectures on advanced pig farming techniques delivered to enhance pig production by improving the farmers' scientific knowledge.



Technical Demonstration on Silage Making and Storage for Feeding of Pigs

Venue : Rowmari, Chirang district, Assam

Date : 03.01.2025

Total number of beneficiaries : 87

Coordinators : Dr. Lokesh E, Scientist
Dr. Priyajoy Kar, Scientist
Dr. Kalyan De, Sr. Scientist

Silage Making and Storage for Feeding of Pigs

Under
SCHEDULED CASTE SUB PLAN
of

ICAR- NARS RESEARCH CENTRE ON PIGS

Guwahati-781131, Assam

Date: 03-01-2025

Venue: R



On 3rd January 2025, a "Technical Demonstration on Silage Making and Storage for Pig Feeding" was conducted under the Scheduled Caste Sub Plan (SCSP) initiative at Rowmari, Chirang district. The programme aimed to educate farmers, particularly from the SC community, on how to effectively use vegetable waste to create silage, ensuring a reliable feed source for pigs during lean periods and storing excess farm produce for future use. The demonstration was attended by 87 SC beneficiaries who learned the practical aspects of silage making, a crucial practice for enhancing pig nutrition and farm sustainability. In this program Dr. Loksha E., Scientist, thoroughly described and demonstrated the process of silage making in details, storage of silage, use of silage and quality check of silage. During the program, Dr. Kalyan De, Sr. Scientist and Dr. Priyajoy Kar, Scientist, emphasized scientific pig farming and activities of SCSP. The initiative will significantly contribute to the productivity and well-being of pigs in the region by addressing feed shortages during off-seasons and reducing feed costs for farmers.



Awareness Programme and Input Distribution

Venue : Koikara village, Darrang district, Assam

Date : 06.09.2022

Total number of beneficiaries : 70

Items distributed : 10.5 tonnes (210 bags X 50 kg) pig feed, 70 shovels, 70 spades, 70 steel buckets and 70 LED emergency lights

Coordinators : Dr. Keshab Barman, Pr. Scientist
Dr. Satish Kumar, Scientist
Dr. Kalyan De, Sr. Scientist





ICAR-National Research Centre on Pig, Guwahati, Assam has organized an "Awareness Programme and Input Distribution" with 70 Scheduled caste (SC) farmers at Koikara, Darrang District, Assam on 06th September 2022. During the programme, the farmers were informed about different aspects of scientific pig production. For this purpose, lectures were delivered on the nutritional management of pigs by Dr. K Barman, Pr. Scientist; pig production improvement, bedding, breed selection and reproduction by Dr. Satish Kumar, Scientist and general management, housing and biosecurity of pig by Dr. Kalyan De, Sr. Scientist. In this occasion, 10.5 tonnes (210 bags X 50 kg) pig feed, 70 shovels, 70 spades, 70 steel buckets and 70 LED emergency lights were equally distributed among 70 SC pig farmers of Koikara village of Darrang district.

Pig Distribution Programme

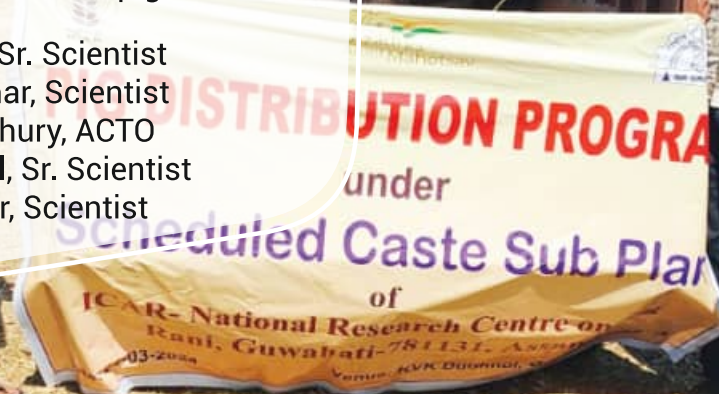
Venue : KVK Dudhnoi, Goalpara district,
Assam

Date : 27.03.2023, 08.03.2024

Total number of beneficiaries : 12

Items distributed : Adult breedable Doom pigs

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Satish Kumar, Scientist
Dr. Hitu Choudhury, ACTO
Dr. Souvik Paul, Sr. Scientist
Dr. Priyajoy Kar, Scientist





The ICAR-National Research Centre on Pig, Rani, Guwahati, Assam, successfully organized the “Pig Distribution Programme” at Krishi Vigyan Kendra (KVK) Dudhnoi, located in Goalpara District, Assam. The event were aimed at enhancing the pig production in the region through the distribution of high-quality breeding stock to the farmers. During the programme breedable pigs of the Doom breed were distributed to the farmers of Dudhnoi and Dubapara villages in Goalpara district, as part of the SCSP initiative. This move was aimed at enhancing the genetic potential of local pig populations and improving their overall productivity. This initiative is designed to support and uplift the farming community, especially those from the scheduled caste community, by providing access to superior breeding stock for improved productivity. The programme also included several knowledge-sharing sessions aimed at educating the farmers on effective pig breeding and management practices. Dr. Satish Kumar, Scientist, emphasise on breeding management, proper selection of sow and boar and avoidance of inbreeding. Dr. Hitu Choudhury, ACTO, provided essential insights into establishing a model pig farm. Dr. Kalyan De, Sr. Scientist, highlighted the activities and objectives of the SCSP and invited the farmers for future training at ICAR-NRC on Pig. This program encourage of the SC pig farmers for enhancing their livelihoods through sustainable pig farming.

Awareness Camp cum Input Distribution Programme

Venue : Nohira, Kamrup district, Assam

Period : 20.02.2025

Total number of beneficiaries : 66

Items distributed : 11.5 tonnes (230 Bags X 50 kg) pig feed

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. Satish Kumar, Scientist
Dr. Vishal Rai, Scientist





On February 20, 2025, the ICAR-National Research Centre on Pig organized an "Awareness Camp and Input Distribution Programme" in Nohira Village, Kamrup (R) district, Assam, as part of the Scheduled Castes Sub Plan (SCSP). The event aimed to enhance the livelihoods of local Scheduled Caste pig farmers by improving pig production practices. A total of 66 SC beneficiaries attended the program, which featured an educational session followed by the distribution of essential agricultural and livestock inputs.

The program began with an introduction by Dr. Kalyan De, Sr. Scientist, who explained the objectives of the SCSP and highlighted the role of ICAR-NRC on Pig in promoting scientific pig management. Dr. Satish Kumar, Scientist, provided guidance on selecting pigs, choosing boars and sows, and avoiding inbreeding. Dr. Vishal Rai, Scientist, concluded the awareness session by stressing the importance of biosecurity in pig farming and sharing strategies to prevent diseases.

After the session, participants received essential inputs to support their pig farming activities, including 11.5 tonnes (230 bags X 50 kg) pig feed. The program was well-received, with participants expressing gratitude for the valuable knowledge and resources provided. They noted that the distribution of pig feed, in particular, would significantly benefit their livestock farming and help address some of the challenges they face.

Distribution of Superior Semen Doses

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

Period : 2023-2024

Total number of beneficiaries : 35

Items distributed : Semen doses of selected elite boars belonging to Hampshire and Rani breeds with superior production performances and Insemination kit with accessories





Under Scheduled Caste Sub Plan (SCSP), the ICAR-National Research Centre on Pig, Rani, distributed elite boar semen doses free of cost to Scheduled Caste (SC) farmers. During the year 2023-2024, a total of 37 semen doses were provided, benefiting 35 farmers across various villages surrounding the institute. The farmers were from diverse locations including Parli, Fatasil Ambari, Rangamati, Malaybari, Nahira, Palli Natun Basti, Satpakhali, Batarhat, Sikan Hali, Raja Pukhuri, Birugaon, Dhali and Sanulan villages nearby of ICAR-NRC on Pig, Rani. This initiative aimed to enhance the genetic quality of pigs in the region through artificial insemination, thereby improving the pig germplasm. Through distribution of superior boar semen, we sought to boost pig production at the farmers' level, which in turn would contribute to better economic returns from piggery farming.







Training Programme

Scientific Practices and Techniques for Economic Pig production

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

Date : 06.12.2023-09.12.2023

Total number of trainees : 18

Course Director : Dr. Vivek Kumar Gupta, Director

Coordinators : Dr. Nitin M Attupuram, Scientist
Dr. Kalyan De, Sr. Scientist
Dr. Rafiqul Islam, Pr. Scientist

Co-Coordiators : Dr. Swaraj Rajkhowa, Pr. Scientist
Dr. Mohan N.H., Pr. Scientist
Dr. Rajib Deb, Sr. Scientist





The SCSP sponsored 4-day training programme on "Scientific Practices and Techniques for Economic Pig Production" was successfully conducted at ICAR-National Research Centre on Pig from December 6th - 9th, 2023. Dr V.K. Gupta, Director, ICAR-NRC on Pig, Rani, Guwahati acted as the course director and the programme coordinators were Dr. Nitin M Attupuram, Dr. Kalyan De and Dr. Rafiqul Islam. Dr. Swaraj Rajkhowa, Dr. Mohan N.H. and Dr. Rajib Deb were the co-coordinators of the programme. 18 participants from four districts (Chirang, Bongaigaon, Bakra, and Kamrup) of Assam benefitted from the training programme. Training manual comprehending the various aspects of scientific pig production was provided to all participants.



Advances in Scientific Practices and Techniques in Pig Production

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

Date : 31.01.2023-06.02.2023

Total number of trainees : 10

Course Director : Dr. Vivek Kumar Gupta, Director

Coordinators : Dr. Nitin M Attupuram, Scientist
Dr. Kalyan De, Sr. Scientist
Dr. Santanu Banik, Pr. Scientist

Co-Coordiators : Dr. Swaraj Rajkhowa, Pr. Scientist
Dr. Rafiqul Islam, Pr. Scientist
Dr. Sunil Kumar, Scientist





The SCSP sponsored 7-day training programme on "Advances in Scientific practices and Techniques in Pig production" was successfully conducted at ICAR-National Research Centre on Pig from 31st January to 6th February 2023. Dr V.K. Gupta, Director, ICAR-NRC on Pig, Rani, Guwahati acted as the course director and the programme coordinators were Dr. Nitin M Attupuram, Dr. Kalyan De and Dr. Santanu Banik. Dr. Swaraj Rajkhowa, Dr. Rafiqul Islam and Dr. Sunil Kumar were the co-coordinators of the programme. 10 participants from diverse educational backgrounds like MBA graduates, B.Tec graduates, Commerce graduates etc., participated. Five of them have already established pig farms which they intend to expand and diversify, while others were aspiring entrepreneurs who intends to venture in to pig production and processing. The course covered a wide range of topics from breeding, nutrition, reproduction, health, housing, pork production and marketing, in addition to the practical sessions on routine care and management of swine.



Scientific Pig Farming for Livelihood and Nutritional Security

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

Date : 12.09.2022-14.09.2022

Total number of trainees : 19

Course Director : Dr. Vivek Kumar Gupta, Director

Coordinators : Dr. Satish Kumar, Scientist
Dr. Kalyan De, Sr. Scientist

Co-Coordinator : Dr. R. Thomas, Pr. Scientist
Dr. Rajib Deb, Sr. Scientist
Dr. Jaya, Scientist





ICAR-National Research Centre on Pig, Guwahati, Assam has organized a three days residential training programme on "Scientific Pig Farming for Livelihood and Nutritional Security" under SCSP during 12th-14th September 2022. In this training programme 19 SC pig farmers of Shipajhar block of Darrang district participated. The farmers were trained in different aspects of scientific pig farming like housing, feeding, breeding, reproduction and health management of the pig by the different expert scientists of the ICAR-NRC on Pig, Rani. All the trainees were provided with free accommodation, food and training kits (Pen, pad, bag, pen drive for carrying e-study material and books on A-Z of pig farming) in the training programme. On successful completion of training, all the trainees were awarded certificates by Dr. V.K. Gupta, Director, ICAR-NRC on Pig, Rani and Dr. Rafiqul Islam, Pr. Scientist & in charge training cell. The trainees expressed that they have enriched their knowledge of pig farming through this training and they will implement the techniques and knowledge gained through this training programme.



Scientific Production Practices and Application of Artificial Insemination in Pig Farms

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

Date : 24.09.2024 - 27.09.2024

Total number of beneficiaries : 19

Course Director : Dr. Vivek Kumar Gupta, Director

Coordinators : Dr. Kalyan De, Sr. Scientist
Dr. S. Jayachitra Devi, Scientist
Dr. Rafiqul Islam, Pr. Scientist





A four-days residential training programme on "Scientific Production Practices and Application of Artificial Insemination in Pig Farms" was successfully conducted at ICAR-National Research Centre on Pig, Rani, Guwahati, from September 24th-27th, 2024. This program was organized under the SCSP aimed at equipping SC pig farmers with scientific knowledge and practical skills in pig farming. The course Director was Dr. V.K. Gupta, Director of ICAR-NRC on Pig, with Dr. Kalyan De, Sr. Scientist, Dr. S. Jayachitra Devi, Scientist and Dr. Rafiqul Islam, Pr. Scientist, served as course coordinators. Farmers from Manipur, West Bengal, Tripura, and Rajasthan participated in this training program.



A photograph of an elderly woman with grey hair and a bindi, wearing a green blouse and a grey sari. She is smiling and holding three small white piglets in her arms. The background shows a rural setting with banana trees and a thatched roof.

Conclusion

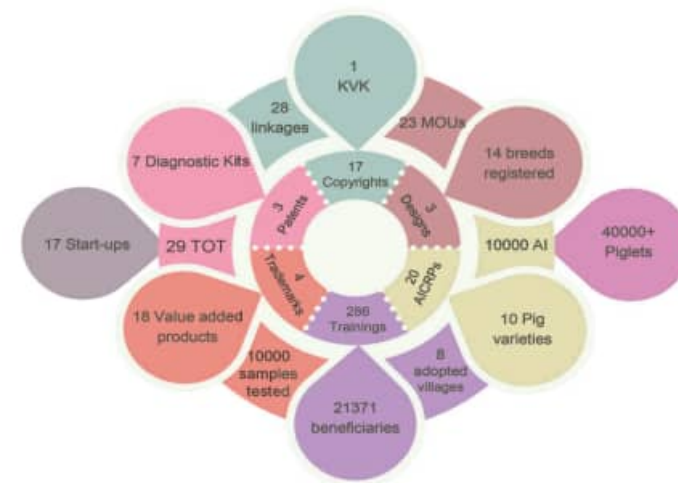
The targeted interventions, ranging from structured training programs to input support, have enabled farmers to transition from traditional small scale farming to more profitable, commercial-scale piggery enterprises. Increased access to quality breeds, improved healthcare and better market linkages have not only boosted productivity but also enhanced food security and financial stability in rural communities. The emphasis on training, management and value chain development has created a self-sustaining ecosystem where farmers are better equipped to tackle challenges and maximize profits. The success stories documented in this book serve as a proof to the programme's effectiveness, demonstrating how strategic investments can uplift marginalized communities and drive long-term growth.

Way forward

Pig productions stand out as a promising sector due to the higher profitability among agricultural ventures. The SCSP interventions have contributed to transforming pig farming among marginalized SC farmers. A strategic, evidence-based approach is crucial for ensuring that the interventions through the implementation of SCSP initiatives will continue to empower scheduled caste pig farmers. Moving forward; integrating financial inclusion, disease management, market linkages and digital technology into SCSP programs will create a sustainable, profitable and resilient pig farming sector for SC communities. In addition to the technical support through capacity building, constructive investments for modernizing and mechanizing pig farms of promising entrepreneurs from scheduled caste communities will act as a catalyzing factor. By implementing these future-ready policy interventions, pig farming will not only enhance the livelihoods of marginalized communities but also contribute to the broader agricultural and rural economy of India.

Our Journey in Pursuit of Excellence

- Development of pig varieties for improved production
- Precision technologies for productivity enhancement
- Promotion of piggery-based entrepreneurship
- Development of disease diagnosis tools
- Development of functional pork products
- Semen cryopreservation and artificial insemination
- Global collaborations and policy advocacy
- Community-oriented research and livelihood security



Piggery for Progress : Transforming Livelihoods of Scheduled Caste Communities

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