

## Turning Adversity into Opportunity: A Piggery Farming Success Story

### Profile of the farmer/ group

Name of the grower/group: Mr Subrata Das  
Village : Chulubari Village  
Block : Durgachowmuhan Block  
District : Dhalai  
Enterprise : Piggery  
Name of the Centre : NA



### Background

Mr. Subrata Das (22 years old), a determined rural youth, sought self-sufficiency through farming. Despite physical challenges, his passion for agriculture, especially pig rearing, burned bright. With his father's support and their modest landholding, he started pig rearing in the year 2018 with two no of desi pig variety. He aimed to expand their farming endeavors. Learning of the Krishi Vigyan Kendra (KVK) through a village elder, he reached out for guidance. The KVK Scientist recognized Subrata's zeal and provided crucial support, aiding his success in pig farming. Through dedication and KVK's assistance, Subrata transformed his dreams into reality, showcasing the remarkable potential of the human spirit in overcoming obstacles to achieve self-sufficiency.

### Technology/process intervened:

The ARYA project facilitated by KVK introduced a range of agricultural advancements. KVK's contributions encompassed the introduction of superior Large White Yorkshire piglets, implementation of cost-effective feeding practices, enhancement of breeding methodologies, and organization of timely vaccination and disease management through specialized animal health camps. Additionally, KVK extended support for the refurbishment and construction of pig-sty.



Fig: Diagnostic field visit of Pig Farm

### Effect of the technology /process (with facts and figures) (max. 200 words) :

Production & Productivity: After the ARYA project intervened, the youth's income increased. The total production cost amounted to Rs. 70,000.00, with a gross income of Rs. 210,700.00 and a net income of Rs. 140,700.00 per year. The B:C ratio for his enterprise was 3.01.

Body weight (Kg)	Desi	LWY
1 month	-	-
2 month	8.21	11.85
3 month	11.12	18.77
4 month	15.34	25.89
5 month	20.21	34.73
6 month	24.54	43.9
7 month	31.23	53.29
8 month	38.56	62.7
9 month	42.78	71.9
10 month	45.68	82.86

Fig: Monthly Body weight of Pigs

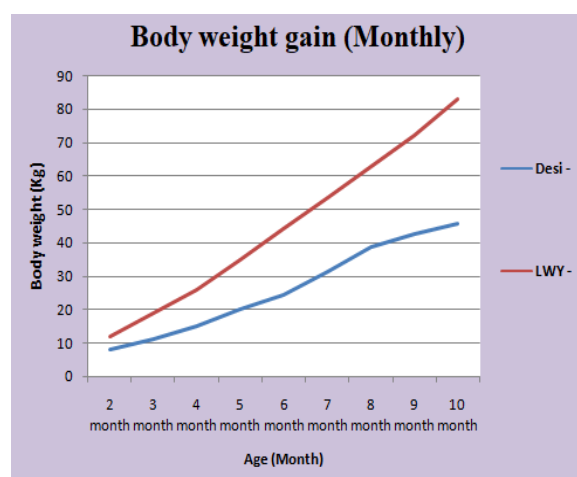


Fig: Graphical presentation growth rate of Pigs

### Impact of intervention

Particular	Before	After
Breed	Desi/Non Descript	<b>Large White Yorkshire</b>
Average Body Weight at 10 months	45 kg	83 kg
Net Annual Income (Rs)	20000	140700

Initial cost (Rs.)	Gross Return (Rs.)	Net Return (Rs.)	BC ratio
70000	210700	140700	3.01

Economic gains: Benefit : Cost (B: C) : **3.01**

### • Suitability and adaptability in the existing farming systems (max. 100 words) :

The technology intervention in the existing farming systems has proven to be highly suitable and adaptable. The introduction of good quality breeds, such as the Large White Yorkshire piglets, has demonstrated superior performance compared to traditional desi breeds. These breeds have shown a higher level of adaptability to the farming system, showcasing robust

growth and productivity. Their performance underscores the effectiveness of the intervention, indicating a seamless integration into the existing agricultural practices. Overall, the success of these breeds highlights their suitability and adaptability, making them a valuable asset in enhancing farm productivity and income generation.

- **Acceptance of technology/process in terms of views of the farmers (max. 50 words):**

The outstanding performance of the newly introduced pig breeds in the village has earned high praise from farmers. This success has significantly influenced more rural youth to start similar enterprises, indicating a strong acceptance of the technology and process among the farming community.

- **Out scaling of technology (Horizontal spread)(max. 50 words) :**

The success of Mr. Subrata Das's pig farming venture has led to the outscaling of technology in the village. Inspired by the performance of his pig breeds, twenty-three more youths have purchased piglets from him to start their own enterprises. This expansion demonstrates the widespread adoption and replication of successful farming practices within the community.

- **Substitution or replacement of commodities (max. 50 words) :**

The introduction of the Large White Yorkshire piglet has led to the substitution of the desi pig breed in the village. Additionally, the practice of non-scientific feeding has been replaced by low-cost scientific feeding methods. These changes signify a shift towards more efficient and productive farming practices, highlighting the benefits of adopting modern agricultural techniques.

- **Socio-economic impact (max. 100 words):**

The success story of Mr. Subrata Das has had a profound socio-economic impact on his village. Inspired by his achievements other rural youths have ventured into similar enterprises, recognizing the income-generating potential of pig farming. This emulation not only signifies a shift in traditional livelihood practices but also indicates a positive transformation in the economic landscape of the village. The replication of Mr. Das's success highlights the ripple effect of his initiative, leading to a broader economic empowerment and enhanced socio-economic development within the community.

- **Marketing network established (max. 50 words) :**

The availability of quality piglets has enhanced market opportunities in the village. This development has led to the establishment of a marketing network, enabling farmers to access a wider market and capitalize on the demand for high-quality pig products.

- **Establishment of process/ units (max. 100 words):**

The farmers are prepared to introduce the "Large White Yorkshire piglet" to their farm for future breeding.

- **Linkage with technology/ development organizations (max. 100 words):**

The dissemination of this technology to farmers in Dhalai District was facilitated by ICAR, ARDD Tripura, and KVK Dhalai.

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