

## Cattle Development Center (CDC) have a major role in doubling farmers Income

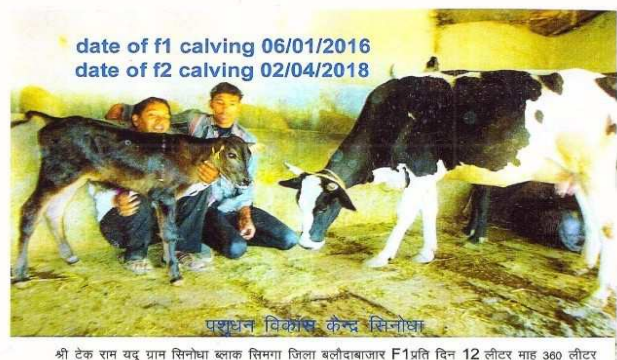
**Tekram, who owned 24 non-descriptive cows in 2013. Now in 2018 with 17 cows, milk production is 5 times more than what it was in 2013. This increased milk productivity was the result of an intervention facilitated by the Cattle Development Center (CDC) established under the Integrated Livestock Development Program (ILDP) of Rashtriya Krishi Vikas Yojana (RKVY1)**

TekramSahu is a resident of Sinodha village from Simga block, in Baloda Bazar district. He possesses about 4.5 acres of land which also includes a cattle-shed and his house where he lives with his 14 member family. The farmer practiced traditional agricultural and livestock rearing methods for their livelihood. Before the intervention of the CDC center, he had 24 milch cattle and 24 calves from these animals. While the number of animals were very good, but they of non-descriptive (ND) breeds, and hence the milk product was very poor. At this time he was getting 32 liters of milk per day and was selling it in hotels of Bilaspur and Bhatapara. Through this income, he was hardly fulfilling his family's requirements.



### The Intervention of CDC under RKVY scheme:

Takram recalls that a friend of his from a neighbouring village told him about the Artificial Insemination (AI) service being offered by the Cattle Development Center (CDC) in Sinodha village. Hoping to turnaround his livestock occupation into a profitable dairy enterprise, Tekram experimented with AI on one of his cows, while availing other veterinary support and knowledge of good dairy practices from the CDC.



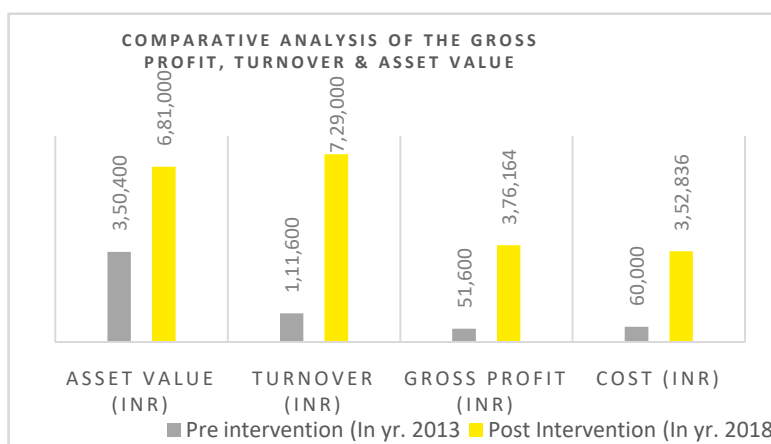
During this period of 5 years, Takram got 8 improved breed calves of cows and 13 Murha buffaloes calves through AI. Out of these calves one female HF<sup>1</sup> is producing 15 liters of milk daily, and the jersey cows produce about 8-10 liters per day. He is extremely cautious with regard to his HF cows, which produce 12-15 liters daily since they are prone to diseases. He also rears cattle belonging to Sahiwal. He is assisted in at

<sup>1</sup> Australian Holstein Frisesian (HF) Breed

the dairy farm by three workers, and the hybrid hay fed to his cows is grown on the one and half acre land he owns. He is now willing to replace his entire ND cows by improved breed through AI. Takram has benefited through adopting green fodder production and started feeding urea treated paddy straw which reduced his cattle feed expenses and resulted in increased gross profit. Today, he is selling 90-95 liters milk per day in Amrit and Vachan dairy at Bhatapara town.

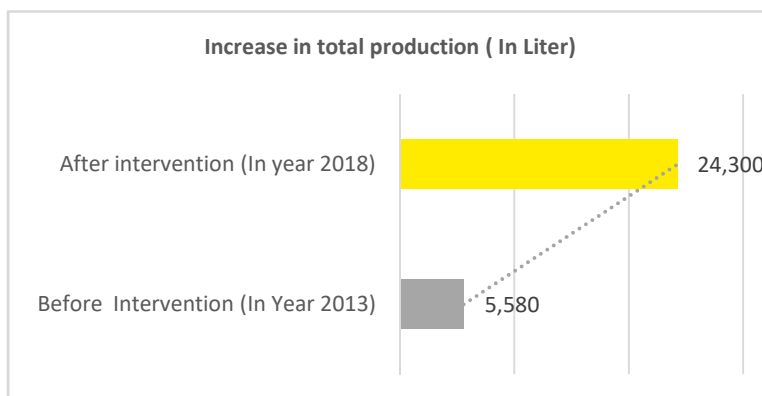
### Comparative analysis of the Gross profit, Turnover, Milk production & Asset Value

Due to the intervention of AI service offered by the CDC, annual cattle milk production increased from 5,580 liter/Year (24 non-descriptive cows) in 2013 to 24,300 liter/year (17 improved breed cows) in 2018 and **productivity increased by 52%** approximately. Similarly, this



increased production of milk resulted in increasing Takram's dairy turnover by **553%** and gross profit by **629%**.

He is selling 90-95 liters of milk per day in the Amrit and Vachan dairy and earning Rs. 2565 per day. Besides increased milk yield, he is also benefitted by the CDC in getting scientific guidance on feeding and management of cows, receipt of good quality semen, preventive



health care, first aid for his animals and feed supplements. Mostly feed and fodder are self-cultivated but occasionally purchasing from other farmers. He is earning a steady income of ₹72,900 per month through dairy entrepreneurship.

### Takram advises to his fellow farmers, following strategies for success in dairy business;

- ▶ Storing medicines for emergency use only
- ▶ Artificial Insemination technique for breed improvement
- ▶ Producing clean milk by using milking machine

- ▶ Cultivation of fodder crops - Hybrid fodder jowar + fodder maize (African tall) + Perennial grass Napier during Kharif and Berseem/lucerne during rabi.

Using cow dung and organic wastes available from the dairy farming, he has started preparing compost and has been used in his agriculture field. He has also established biogas setup in his house and now he gets free of cost gas for daily uses. He is maintaining continuous contact with CDC professionals, department of animal husbandry for seeking advisory services and benefit of schemes.

**Farmer Details:** Tekram | Village: Sinodha, Block: Simga District: Baloda Bazar, Chhattisgarh |  
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