



The Inspiring Success Story of Satpal Rana: A Dairy Farmer from Bhiwani, Haryana

(*Udhav Dahiya and Dr. Gurshaminder Singh)

UIAS, Chandigarh University, Gharuan, Mohali, Punjab (140413)

*Corresponding Author's email: dahiyaudhav797@gmail.com

In the heart of Haryana, in the district of Bhiwani, lies an inspiring tale of grit, determination and innovation that has redefined the way dairy farming is perceived in rural India. The man behind this remarkable journey is Satpal Rana, an ordinary farmer who turned his passion for cattle and buffaloes rearing into a successful and thriving dairy farming business. His journey is a testament to the power of perseverance and the impact of embracing modern agricultural practices in an industry as traditional as dairy farming.

Early Life and the Dream of Becoming a Farmer

Born and raised in a modest farming family in Bhiwani, Satpal Rana was no stranger to the hardships faced by farmers. His family, like many others in the region, relied on agriculture for their livelihood. From a young age, Satpal was involved in farming activities, helping his father on their small plot of land. However, traditional farming methods yielded limited returns and the family struggled to make ends meet. Satpal always dreamed of a better future, not just for his family but for the entire farming community around him.

While pursuing his education, Satpal became acutely aware of the various challenges that farmers faced, such as fluctuating market prices, erratic monsoons and the high cost of agricultural inputs. The uncertainties of traditional crop farming led him to explore alternative means of income and it was during this time that he began to take a keen interest in dairy farming. Satpal noticed that dairy farming, though prevalent in the region, was still being practiced using outdated methods and there was a significant potential to modernize it to increase profitability.

The Decision to Enter Dairy Farming

Satpal Rana's decision to enter the dairy farming business was driven by his desire to establish a stable and sustainable source of income for his family. Haryana has long been known for its affinity toward cattle and buffaloes rearing and with the state's robust livestock population, the region presented a favorable environment for dairy farming. Despite the challenges that lay ahead, Satpal was convinced that with the right approach and modern techniques, dairy farming could become a lucrative venture.

In 2015, with a modest amount of savings and a loan from a local cooperative bank, Satpal started his dairy farm with five buffaloes of the **Murrah buffalo** breed, renowned for their high milk yield and adaptability to the local climate and five cows of **Haryana breed**, highly known for dual purpose (milch and draught). He chose the Murrah buffalo due to its resilience and ability to produce large quantities of milk, making it a popular choice among dairy farmers in Haryana and Haryana cow for its milking as well as labor purpose.

**1. Murrah Breed Buffaloes****2. Hariana Breed Cows**

Overcoming Initial Challenges

Like any entrepreneurial journey, the initial phase was filled with challenges. Satpal faced difficulties ranging from the high cost of cattle feed, disease management and the lack of proper infrastructure for milk storage and transportation. The traditional methods of dairy farming that had been passed down through generations were inadequate to meet the demands of modern dairy businesses. Satpal realized that to succeed, he needed to embrace innovation and adopt modern dairy farming practices.

One of the major challenges was ensuring the health of his cattle. In the early days, Satpal lost two of his buffaloes to disease, which was a major financial setback. However, instead of being disheartened, Satpal sought advice from local veterinarians and attended workshops organized by the Haryana Dairy Development Cooperative Federation Limited, also known as **Vita**. These workshops provided him with valuable insights into modern cattle healthcare, disease prevention and feeding practices.

Embracing Technology and Modern Practices

Satpal's success can largely be attributed to his willingness to embrace modern technology and farming techniques. He installed a milking machine, which not only made the milking process more efficient but also ensured better hygiene standards. The machine reduced the chances of contamination leading to higher quality milk which fetched better prices in the market.

To improve milk production, Satpal focused on providing a balanced diet for his cattle, which included green fodder, dry fodder and high-protein supplements. He also set up a silage unit on his farm, allowing him to store green fodder for the lean months when fresh fodder was not readily available. This ensured that his cattle had a consistent supply of nutritious feed throughout the year, leading to higher milk yields.

Additionally, Satpal invested in biogas technology, which allowed him to convert cattle dung into biogas. This not only reduced his farm's dependence on external sources of fuel but also provided organic manure, which he used to improve the fertility of his farmland. This closed-loop system of recycling waste into useful resources made his farm more sustainable and reduced operating costs.

Scaling Up and Expanding the Business

With time, Satpal's dairy farm began to thrive. As milk production increased, he expanded his herd, investing in more high-yield buffaloes and cows. From the initial five buffaloes, his farm grew to house over 50 cattle within a few years. To manage the growing scale of operations, Satpal employed local villagers, providing them with training and employment opportunities.

Recognizing the importance of marketing, Satpal formed ties with local milk cooperatives, which guaranteed a steady market for his produce. The cooperatives collected

milk directly from his farm, reducing the need for middlemen and ensuring that he received fair prices for his milk. He also diversified his products by starting to produce ghee, curd and paneer which he sold in local markets and nearby towns. This helped him tap into the growing demand for dairy products beyond just raw milk.

Contribution to the Community

Satpal's success story has not only transformed his own life but has also had a positive impact on the wider community. He has become a source of inspiration for other farmers in Bhiwani, many of whom have followed his lead and started their own dairy farming ventures. Satpal regularly organizes workshops and training sessions for local farmers, teaching them about modern dairy farming techniques, animal healthcare and the benefits of adopting technology in agriculture.

Moreover, his farm has become a model for sustainable dairy farming practices. By using biogas and organic manure, Satpal has demonstrated how farming can be both profitable and environmentally friendly. His efforts have been recognized by local authorities and he has received several awards for his contribution to the agricultural sector.

Future Goals and Vision

Looking ahead, Satpal Rana has ambitious plans for the future. He aims to expand his dairy farm further by investing in cross-bred cows that produce higher milk yields. He is also exploring the possibility of setting up a milk processing unit to produce packaged dairy products under his own brand, which he hopes will cater to urban markets across Haryana and beyond.

Satpal's vision is not just limited to growing his own business. He is passionate about empowering other farmers and creating a sustainable ecosystem where dairy farming can thrive as a profitable and environmentally responsible industry. He plans to collaborate with agricultural universities and government bodies to promote research in cattle breeding, milk production and sustainable farming practices.

Conclusion

The story of Satpal Rana is a powerful example of how innovation, hard work and a willingness to learn can transform a traditional farming venture into a successful and sustainable business. From humble beginnings in Bhiwani, Haryana, Satpal's dairy farm has become a beacon of hope for farmers struggling with the challenges of modern agriculture. His journey serves as an inspiration to aspiring entrepreneurs in rural India, proving that with the right approach, even the most traditional sectors can offer immense opportunities for growth and success. Through his dedication and leadership, Satpal Rana has not only secured a better future for his family but has also contributed to the prosperity of his community and the advancement of dairy farming in the region.