



The Inspiring Journey of Ramesh Kumar: A Farmer from Bihar

(* Atul Rajvir and Dr. Gurshinder Singh)

UIAS, Chandigarh University, Gharuan, Mohali, Punjab

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

Early Struggles and Humble Beginnings

Ramesh Kumar, a native of a small village in the Nalanda district of Bihar, grew up in a family of farmers. His father, a traditional farmer, owned a small plot of land, where they grew basic crops like wheat, rice, and maize. The earnings from the land were meager, just enough to support the family. However, frequent droughts, lack of irrigation facilities, and low crop yield often put the family in a tight financial situation.

Born into a community where agriculture was the primary livelihood, Ramesh learned the basics of farming from a young age. He assisted his father in the fields, working hard in the sun and rain, but he always dreamed of something better. He had a deep desire to change the way farming was done in his village and envisioned modernizing their practices to increase productivity and profits. Unfortunately, there was little opportunity for innovation due to their financial constraints and limited access to advanced farming techniques.

Ramesh completed his schooling in a nearby town and was aware of the changing agricultural landscape in India. After completing his 12th standard, he wanted to study further, but the family's financial condition forced him to stay back and continue farming. His father's illness added further pressure, as Ramesh had to take on the responsibility of managing the farm entirely. Despite these challenges, Ramesh did not lose hope.

A Turning Point: Exposure to New Techniques

In 2018, while attending a local agricultural fair in Patna, Ramesh came across a stall set up by the Bihar Agricultural University, Sabour. They were demonstrating innovative agricultural practices, new crop varieties, organic farming techniques, and modern irrigation systems. Inspired by these advancements, Ramesh realized that the key to breaking the cycle of low productivity and poverty was to adopt new technologies and shift from traditional farming methods.

He was particularly intrigued by the concept of organic farming and high-value crops such as vegetables, fruits, and spices, which had greater market demand and fetched better prices than cereals like wheat and rice. This event became a turning point in his life. He decided to transform his small family farm into a model farm by incorporating modern, sustainable practices.

Setting Up a Sustainable Farm

Ramesh began his journey by taking small but significant steps. First, he applied for a government subsidy under the Pradhan Mantri Krishi Sinchai Yojana (PMKSY) to install a drip irrigation system on his farm. This was a game-changer, as it allowed him to manage water more efficiently and expand his cultivation to crops that were previously impossible due to water scarcity.

Next, he diversified his crops. Instead of sticking to wheat and rice, Ramesh started cultivating high-demand vegetables like tomatoes, potatoes, and cauliflower, along with fruit crops such as guava and papaya. He also dedicated a portion of his land to organic farming, growing turmeric, and ginger, which had a lucrative market both locally and in nearby states. To enhance the fertility of his land, Ramesh adopted organic farming methods. He began using organic compost and bio-pesticides, which not only reduced his reliance on expensive chemical fertilizers but also improved the quality of the soil over time. The yield from his organic produce increased year by year, and the demand for organic fruits and vegetables grew, especially in urban areas.

Additionally, Ramesh took a loan from a local cooperative bank and built a polyhouse on a small portion of his land. This enabled him to grow exotic vegetables like capsicum, broccoli, and cucumbers year-round, even during off-seasons. The polyhouse farming venture turned out to be highly profitable, as these vegetables commanded premium prices in the market.



Building a Market Network and Expanding Business

One of Ramesh's biggest challenges was market access. Initially, he sold his produce in the local village market, where the prices were low and demand was limited. To overcome this, he explored direct-to-consumer sales and established connections with vendors in Patna, the nearest big city. With the help of mobile technology, he started connecting with wholesalers, grocery store owners, and even individual customers.

Ramesh also joined a local farmer producer organization (FPO), which helped him collaborate with other farmers in his region. By pooling their resources, they could access better storage facilities, transportation, and more bargaining power when dealing with larger buyers. The FPO also facilitated training sessions on marketing, organic certification, and post-harvest management, all of which helped Ramesh grow his business further.

By 2022, Ramesh's farm had become a model for other farmers in his village. His income had increased significantly, and he was able to pay off his loan, reinvest in his farm, and even buy more land. His annual income now ranged between ₹10 lakh to ₹12 lakh, a dramatic improvement from his earlier earnings of ₹50,000 to ₹1 lakh per year. This remarkable growth not only elevated his family's living standards but also inspired many young farmers in his village to adopt modern farming practices.

Present Success and Community Involvement

Today, Ramesh's farm stands as a symbol of innovation, sustainability, and success in rural Bihar. His diversification into organic farming, vegetable cultivation, and polyhouse farming has made him a well-known figure in his community. Farmers from nearby villages frequently visit his farm to learn about drip irrigation, organic farming, and modern crop management techniques.

Ramesh's farm now produces more than 10 different types of crops annually. His polyhouse yields exotic vegetables that are sold in high-end markets, and his organic spices

are in demand across the state. The farm employs around 15 laborers, providing stable employment to local villagers.

Apart from running his farm, Ramesh is actively involved in community development initiatives. He frequently conducts free workshops and training sessions for other farmers, sharing his knowledge of organic farming, irrigation management, and government schemes. He also advocates for farmers' rights, helping them access subsidies, loans, and agricultural equipment through government programs.

Ramesh is passionate about uplifting his community and ensuring that young farmers do not abandon agriculture due to financial struggles. He has collaborated with NGOs and the Bihar government to set up a cooperative that supports small and marginal farmers in accessing modern agricultural technologies and better markets.

Future Vision: Scaling Up and Going Global

While Ramesh has achieved remarkable success, he is far from content. His vision for the future is to scale up his farming operations and take his produce to international markets. He is currently exploring export opportunities for his organic spices and exotic vegetables, with the help of government initiatives like the Agricultural and Processed Food Products Export Development Authority (APEDA). By obtaining organic certification for international markets, he aims to tap into the global demand for organic products.

Ramesh is also planning to set up an agro-tourism venture on his farm, where visitors can experience organic farming, learn about sustainable agriculture, and even participate in farm activities. This would provide an additional source of income and promote awareness about eco-friendly farming practices.

Furthermore, he envisions creating a "Farmer Innovation Hub" in his village, where farmers can come together to experiment with new technologies, share knowledge, and work on collaborative farming projects. Ramesh is committed to turning his village into a model agricultural hub, where young people see farming as a viable and profitable career.

Conclusion: A Beacon of Hope for Rural India

Ramesh Kumar's story is one of determination, innovation, and resilience. From a small farmer struggling to make ends meet, he has transformed into a successful agripreneur, contributing not only to his family's well-being but also to the overall development of his village. His journey demonstrates that with the right knowledge, access to modern technologies, and a willingness to take risks, even small farmers from rural Bihar can achieve great success.

Ramesh's farm now serves as a beacon of hope for countless farmers in Bihar, showing them that the future of Indian agriculture lies in innovation, sustainability, and diversification. With his eyes set on expanding his farm and reaching global markets, Ramesh is determined to continue his journey toward creating a better, more prosperous future for himself, his community, and the next generation of farmers.