

**Indian Farmer**

Volume 11, Issue 08, 2024, Pp. 302-305

Available online at: [www.indianfarmer.net](http://www.indianfarmer.net)

ISSN: 2394-1227 (Online)

**Original Article****Roots of Success: Inspiring Farmers' Stories in Integrated Agriculture****Mineshbhai G Rathwa***\*Corresponding Author: [rathwaminesh195@gmail.com](mailto:rathwaminesh195@gmail.com)**Received: 13/08/2024**Published: 16/08/2024***INTRODUCTION**

Nestled amidst the serene landscapes of Mastupurgamdi village in Vadodara Taluka, Gujarat, is the story of Manilalbai Sanabhai Patanwadiya and his legacy of agricultural expertise. With two sons, Dilipbhai Manilalbai Patanwadiya and Ghanshyambhai Manilalbai Patanwadiya, by his side, the Patanwadiya family stands as an inspiration of agricultural innovation and sustainability in the region.

Their farm is a tapestry of crops, showcasing a harmonious blend of traditional wisdom and modern agricultural practices. From castor and pigeon pea to cotton, beans, pearl millet, wheat, bananas, and mangoes, Manilalbai cultivate a diverse range of agricultural produce. Additionally, they nurture other vegetables for home consumption and Napier grass for their cattle and buffaloes, embodying a holistic approach to farming that extends beyond mere cultivation.

Join us as we delve into the success story of the Patanwadiya family, exploring their journey of resilience, dedication, and commitment to sustainable agriculture in the heart of Vadodara.

**Diverse Crop Portfolio**

The Patanwadiya family's agricultural endeavors include the cultivation of castor and pigeon pea, two crucial crops that form the backbone of their farming activities. Across 30 bighas of land, they meticulously nurture the GCH-7 variety of castor, resulting in a bountiful production of 169 quintals. This achievement is not only a testament to their hard work but also reflects their proficiency in managing this specific castor variety. At the prevailing market price of Rs. 5,500 per quintal, their castor harvest translates to a significant revenue of Rs. 9,29,500.

In addition to castor, Manilalbai allocate 20 bighas of their land for the cultivation of pigeon pea, specifically the Vaishali variety. This careful selection of pigeon pea reflects their strategic approach to crop diversity and market demand. Despite the smaller acreage, their production of 98.50 quintals of pigeon pea underscores their efficiency and skill in crop management. With a market price of Rs. 10,700 per quintal for pigeon pea, their harvest yields an impressive revenue of Rs. 10,54,950.

The success of their castor and pigeon pea cultivation not only contributes significantly to their farm's financial stability but also highlights their commitment to maximizing yields and optimizing market

opportunities. Through careful planning, diligent cultivation practices, and a keen understanding of market dynamics, the Patanwadiya family continues to thrive in the agricultural landscape of Vadodara Taluka, Gujarat.

Manilalbhai Sanabhai Patanwadiya's agricultural pursuits extend beyond staple crops like castor and pigeon pea to include the cultivation of fruits such as bananas and mangoes. Across 6 bighas of their land, they meticulously tend to the G-9 variety of bananas, known for its superior quality and market demand. Additionally, they manage a diverse orchard comprising 140 mango trees of different varieties, showcasing their expertise in horticulture and fruit farming. This strategic diversification not only enhances their farm's productivity but also ensures a steady supply of sought-after fruits to meet consumer preferences.

### **Sustainable and Homegrown Initiatives**

Vegetables and Napier Grass: The family cultivates vegetables, bajara, maize for home use and Napier grass for their cattle, ensuring self-sufficiency and cost-saving measures.

### **Family Contributions and Livestock Management**

In their farming endeavors, Manilalbhai receives valuable support from his elder son, Dilipbhai, who actively assists in cultivating various crops. Dilipbhai's hands-on involvement and agricultural knowledge contribute significantly to the farm's success and efficiency in managing multiple cultivation activities simultaneously.

Meanwhile, the younger son, Ghanshyambhai, focuses on animal husbandry, overseeing a well-maintained herd consisting of 16 cows, 10 buffaloes, and 7 calves. Their diligent care and management practices result in a commendable daily milk production of 160 liters. Leveraging their dairy enterprise, Ghanshyambhai directly sell milk to customers in the city through home delivery services. The pricing strategy of Rs. 70 per liter for buffalo milk and Rs. 60 per liter for cow milk reflects both fair market value and customer-centric business practices, ensuring a steady revenue stream and customer satisfaction.

The seamless coordination between crop cultivation, fruit farming, and animal husbandry within the Patanwadiya family's agricultural operations exemplifies their holistic approach to farming. By leveraging each member's expertise and focusing on diversification, they not only sustain their farm's profitability but also contribute to the vibrant agricultural landscape of Mastupurgamdi village and beyond.

### **CONCLUSION**

The Patanwadiya family's journey from rural fields to urban markets exemplifies the spirit of progressive farming and entrepreneurship. Through dedication, innovation, and sustainable practices, they have not only transformed their own lives but also contributed to the agricultural and economic landscape of their region. Their story inspires us to embrace diversity, sustainability, and family values in our own farming endeavors.

### Animal Husbandry



### Mango Farm



**Different crops**

