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From Fields to Fortune: Amar Singh's Journey of Success in Crops and Dairy Farming

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Amar Singh, son of Hukum Singh, hails from Thabala village, Punjab. Owning 3 hectares of fertile land, he has transformed it into a thriving agricultural enterprise through diversified crop cultivation and dairy farming. His journey demonstrates how hard work, strategic planning, and innovation can make farming both productive and profitable.

Early Life and Inspiration

Growing up in a farming family, Amar learned the essentials of agriculture from a young age. Participating in fieldwork and tending to livestock, he gained hands-on experience in soil management, crop care, and animal husbandry. His father instilled discipline, resilience, and a respect for nature — values that continue to guide Amar's farming philosophy today. Connection with Krishi Vigyan Kendra (KVK) and Punjab Agricultural University (PAU) helped him a lot in his journey to success. He attended the training programs and campaigns and adopted the modernized technologies.

Crop Diversification

Amar Singh cultivates rice, wheat, maize, and green fodder on his 3 hectares land. By employing crop rotation and multi-crop strategies, he ensures continuous productivity while maintaining soil fertility. He is growing PR-126 which is a high yielding variety of rice specially for Punjab region. Previously he used to grow the local varieties that were not as much profitable. For wheat, he is growing PBW-826 which has high yield potential. For maize, he is growing Pioneer-3355 variety which can yield up to 12 tons per hectare. This maize variety attains a height of 8 feet therefore; it is suitable for fodder purpose as well.

- **Rice** occupies the monsoon fields, providing staple income.
- **Wheat** grows in winter, complementing rice harvests.
- **Maize** and **fodder** support his dairy herd and ensure year-round activity.

This approach balances risk, productivity, and income, creating a stable foundation for the farm.

Modern Farming Practices

Combining traditional knowledge with modern techniques, Amar uses mechanized tools for ploughing, seeding, and harvesting, improving efficiency and reducing labour. He monitors soil health, applies organic compost from cow dung, and observes rainfall patterns for timely planting and harvesting. These measures ensure high crop yields without overexploiting natural resources.

Dairy Farming

Amar Singh's dairy herd of 15 cows produces approximately 150 litres of milk daily. He started his dairy with 2 cows only at the beginning. The milk is sold locally which is a steady source of income. He maintains milk quality by storing the milk at chilling temperature (4°C). He uses automatic milking machine that saves time and labour cost. He set up automated overhead mister for temperature control. These technologies help him to manage the whole process alone while before using these technologies he required 2 extra labourers with him.

Integration of Crops and Dairy

A key to Amar's success is linking crops and dairy:

- Crop residues feed the cows.
- Cow dung is recycled as fertilizer.

This creates a self-sustaining ecosystem, minimizing waste, reducing costs, and enhancing overall farm productivity.

Economic and Community Impact

Amar's model supports his family financially and contributes to the local economy by employing seasonal labourers. His success has inspired other farmers to adopt crop diversification and dairy integration, proving that modernized farming can be both profitable and sustainable.

Sustainability Practices

Sustainability guides Amar's decisions. He limits chemical inputs, recycles waste, and ensures soil fertility for future generations. By balancing economic growth and environmental care, he has built a farm that is both productive and resilient.

Future Plans

Amar Singh plans to:

- Expand the dairy herd for higher milk production.
- Invest in milk storage and processing facilities.
- Direct to consumer sales for better income margins.
- Adopt precision farming tools for optimal crop yield.

His long-term goal is to create a replicable farm model demonstrating profitable, sustainable agriculture.

Message from Amar Singh

Farming today is not the same as it was for our fathers and grandfathers. To succeed, we must combine their wisdom with modern technology. Tractors, harvesters, soil testing, and even mobile apps can make farming more efficient and profitable. My message to fellow farmers is simple: do not fear technology, make it your partner. When tradition and innovation walk together, the fields give their best harvests.

Basic Details

Village – Thabala
Tehsil - Bassi pathana
District – Fatehgarh Sahib
Name – Amar Singh