

A Trailblazer in Sustainable Agriculture: Success Story of Sh. Ashwini Singh

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In the heart of Pipalyahama village of Ghattiya block of Ujjain district, a beacon of success shines bright – Ashwini Singh, 46 years visionary farmer who transformed his 100-acre land into a flourishing empire through strategic crop diversification. Ashwini's inspiring journey from traditional farming to becoming a millionaire is a testament to hard work, innovation, and leveraging government support.

Ashwini Singh inherited a vast expanse of land, but the journey to success was not without its challenges. Recognizing the need for change, he embraced crop diversification, a decision that would pave the way for his remarkable transformation. Instead of relying on a single crop, Ashwini diversified his cultivation to include Chickpeas, Wheat, Soybeans, Maize, Potatoes, Onions, Bananas, Lemons, Papayas.

Table 1: Resources owned by Farmer

Land (ha)	09.88 ha
Water bodies with irrigation capacity	a. Open wells (03). Installed 5HP electric pump with full discharge capacity covering entire land in 8 to 10 days b. Annicut type stop dam: 800 mt length, 15 mt wide and depth 10mt. (Capacity 1200 lac litres water)
Animal Resources including fish and Poultry	a. Cows: 05 (02 Gir + 03 Malvi) b. Buffalo: 08, Murrha c. Bullock: One pair d. Goats: 20 Barberi and Sirohi
Farm Machinery	a. Tractor 35 HP (Mahindra) b. Cultivator: 02 Duck foot type c. Ferti-seed drill (01) d. M.B reversible plough (01) e. Disc harrow (01) f. Raised bed planter g. Tractor operated blade harrow h. Potato planter with digger i. Tractor operated spray pump j. Tractor operated thresher cum grader k. Hydraulic trolley l. Land leveller tractor operated



Fig 1: Received IARI Farmer Fellow Award from Cabinet Minister of Agri. Sh. N.S.Tomar

To enhance efficiency and productivity, Ashwini embraced modern agricultural practices, including the use of machinery for cultivation. Investing wisely, he spent 40000 per acre on his farm, a decision that would yield substantial returns. The careful selection of crops and strategic planning allowed him to achieve returns ranging from 1 to 1.5 lakhs per acre.

One of Ashwini's key success factors was the adoption of drip irrigation on his farm. This modern irrigation technique not only conserved water but also increased crop yield. With the support of government subsidies, he implemented a drip irrigation unit at a cost of 9 lakhs, of which he received a substantial 6 lakhs in government aid. The 65% subsidy acted as a catalyst, empowering Ashwini to implement sustainable farming practices and significantly improve his overall yield.

Ashwini Singh's success story is not just about financial prosperity; it is a tale of resilience, innovation, and community upliftment. As a millionaire farmer, he has become an inspiration for others in Pipalyahama village and beyond. Through his journey, Ashwini has showcased the potential for transformation when traditional farmers embrace modern techniques, crop diversification, and government support.



In the quaint village of Pipalyahama, where the rhythm of rural life intertwines with the whispers of crops, Ashwini Singh's success story takes a new dimension. Beyond being a millionaire farmer through crop diversification, he has become a model of sustainable agriculture by seamlessly integrating livestock farming into his thriving agricultural landscape.

Ashwini's journey extends beyond the fields, where his daily expenses find sustenance through the sale of milk from his well-maintained cattle shed. Recognizing the symbiotic relationship between livestock and agriculture, he leverages cow dung and *gobar khad* (manure) to enhance soil fertility, creating a harmonious cycle of nutrient replenishment.

Table 2: Income through animal resources

Particular	Production	Exp. per annum	Gross Income	Net Income
Milk Production	50 liter/day (avg.)	1.17 Lakh	3.6 lakh	2.43 Lakh
Cow Dung Production	327.6 Qtl.	Nil	-	-

Note: Prepared the vermi-compost and NADEP organic fertilizer by using the cow dung and crop residue and utilized in field to maintain organic carbon. It saves the cost of chemical fertilizer.

The path to sustainable success for Ashwini was paved with knowledge and collaboration. With the support of scientists from Krishi Vigyan Kendra Ujjain and Malwa Green, he underwent a transformative shift in cultivation techniques. This partnership empowered him to adopt innovative practices that not only increased yields but also promoted eco-friendly farming.

Ashwini's commitment to agricultural advancement goes beyond his fields. Serving as a member of the selection committee of Jawaharlal Nehru Krishi Vishwa Vidyalaya (JNKVV), Jabalpur, he actively contributes to shaping the future of agriculture, bringing a farmer's perspective to the decision-making process. He is also the member of Submission on Agriculture Mechanization, Ujjain district and District Cooperative Bank for Agriculture.

His dedication and exemplary contributions to agriculture have not gone unnoticed. Ashwini Singh stands adorned with various accolades, including:

- IARI Farmer Fellow Award 2022-23
- Jagjivan Ram Innovative Farmer National Award 2018(ICAR, New Delhi)
- All India Students Agriculture Association Farmers of the Year 2018
- Krishi Gaurav Puraskar 2018(Rashtriya Krishi Patrakar Sangh, Indore)
- Best Farmer under Organic farmer and water management (Chief Minister, Government of MP.)
- Farmers Fellow Award 2018 (RVSKVV, Gwalior)
- IARI Innovative Farmer Fellow Award 2017-18
- Farmer Fellowship Award 2017(JNKVV, Jabalpur)
- Block lever best farmer 2010-11(ATMA, Ujjain)

In every acre of his farm, Ashwini Singh has sown the seeds of success, reaping not only bountiful harvests but also the rewards of dedication and forward-thinking. His story stands as a beacon for aspiring farmers, encouraging them to embrace change and turn their fields into landscapes of prosperity.
