

Bivoltine Silkworm Seed Rearing: A Sustainable Approach to Income Generation- Success Story of Sh. Sham Lal

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OPEN ACCESS

Keywords

ASR, Seed rearing, Success story

How to cite this article:

Singh, A. 2026. Bivoltine Silkworm Seed Rearing: A Sustainable Approach to Income Generation- Success Story of Sh. Sham Lal. *Vigyan Varta* 7 (04): 224-226.

ABSTRACT

Sh. Sham Lal (Awardee), an Adopted Seed Rearer (ASR) from Udhampur district, stated that by adopting silkworm seed rearing, he has been able to generate higher income within a short period. He expressed that this activity has significantly enhanced his financial stability. Apart from sericulture, Shri Sham Lal also earns his livelihood through traditional farming practices such as agriculture and animal husbandry, which provide additional support to his family's income.

INTRODUCTION

Family Profile of Sh. Sham Lal



- ✓ **Name:** Sh. Sham Lal
- ✓ **Village & District:** Roun-village, Udhampur District, Jammu and Kashmir (UT)
- ✓ **Family Background:** 55-year-old Adopted Seed Rearers, belonging to a traditional agrarian family.
- ✓ **Contact:** +91-9906212646

The Drivers (Turning Point):

After adopting bivoltine seed rearing under the scientific guidance and technical support of the CSB-Silkworm Seed Production Centre, NSSO, Central Silk Board, Udhampur, Sh. Sham Lal life took a positive turn. With improved practices and continuous assistance from CSB-SSPC, NSSO, CSB, Udhampur, he now successfully harvests quality seed cocoon crops each year. He sells her produce (seed cocoons) to the Silkworm Seed Production Centre, NSSO, Central Silk Board, Udhampur, and earns a respectable income, enabling her to sustain and support her family with dignity.

Impact in the areas

After witnessing the success of Shri Sham Lal, other villagers have also shown keen interest in taking up seed crop rearing in Village Thill.

He is actively encouraging other farmers to adopt seed rearing as a means of earning a steady income.

Achievements

With the technical guidance and active support of the CSB-Silkworm Seed Production Centre, NSSO, CSB, Udhampur, Shri Sham Lal has been successfully harvesting seed crops every year. He produced 64.80 kg of seed cocoons during 2022–23, earning ₹62,532; 75.00 kg during 2023–24, earning ₹95,320; and 45.00 kg during 2025–26, earning ₹56,520. These earnings are in addition to his income from traditional farming activities such as agriculture and animal husbandry. He further stated that seed rearing provides him with higher income compared to any other farming activity.

Year	Name of the ASR	Village	Seed Zone	Season	P1 dfls reared	Rate	Pure Race	Seed cocoons Produced (Kg)	Yield per 100 Dfls (Kg)	Income generated Lakh (Rs.)
2022	Sham Lal	Roun	Thill	Spring	90	965	SH6	64.800	72	62532
2023				Spring	90	1271	SH6	75.00	83	95325
2025				Spring	90	1256	SH6	45.00	50	56520

Key Takeaway

The success story of Shri Sham Lal demonstrates how sericulture can significantly improve rural livelihoods. With proper guidance and technical support, even small and marginal farmers can enhance their income, achieve financial security through sericulture, and inspire others in their community to adopt this sustainable livelihood activity.



Technical guidance for selection of received mulberry leaves for feeding



Handing over Best ASR Award to Sh. Sham Lal NSSO Jubilee celebrations



ASR field with wheat and mulberry plantations.



Newly construed rearing house under Silk Samagra-2 & HADP (2024-25).



To secure a dependable source of irrigation water Sh. Sham Lal (ASR) constructed a water well at his farm.

REFERENCES

Author's own compilation.



Technical guidance on bivoltsine seed rearing