

SUCCESS STORY- Adoption of shoot rearing technique in sericulture by ST communities

Project Title	Drudgery Reduction in Sericulture, waste silk utilization and Product Diversification for Empowering ST Communities
Funding Agency	ICAR-TSP Plan
PI and Co-PI	PI- Dr. Divya Singh, Assistant Prof., Department of RMCS, College of Community Science Co-PI- Dr. Shefali Massey, Assistant Prof., Department of Apparel and Textile Science, College of Community Science
Place/Village Name etc.	Bajpur, Gadarpur, Sitarganj, Kashipur
Intervention done/Initiative	Increased productivity and work efficiency/capacity by developing new or improvised tools/technologies for drudgery reduction in sericulture: Intervention done in the fourth stage of silkworm rearing process with the help of shoot rearing stand.
Major activity	Adoption of shoot rearing technique in sericulture (last stage of silkworm rearing)
Total No. of beneficiaries	12
Impact	• Shoot rearing intervention has been adopted by the ST communities for silk worm rearing process • Gender friendly and improvised/new appropriate tools for sericulture activities have been enhanced the work capacity and reduce occupational health hazards of the ST communities involved in sericulture.
Output/Results	• The shoot rearing method has been introduced and adopted in four blocks viz. Bajpur, Gadarpur, Sitarganj and Kashipur. The result indicates 50% increase in healthy cocoon productivity. • The shoot rearing technique helps in – a) Drudgery Reduction b) Improves posture during silkworm rearing (last stage) c) Saves time and energy
Outcome/Impact	• Adoption of new/improvised drudgery reducing tools/techniques and ergonomic interventions. • Reduction in occupational health problems and improved working conditions which has increased productivity, efficiency and satisfaction level.
Economic Benefit	• Increase in 50% of the total production of healthy cocoons per

	season lead to increase in sale volume.
Improvement in livelihood	• Increase in sale of cocoons has economically strengthen the ST communities involved in sericulture.
Photographs	Shoot rearing adopted in different blocks of Udham Singh Nagar Uttarakhand



