



Research Article

## Study the profile and knowledge of the sericulturists about sericulture production technologies

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**SUMMARY :** India has witnessed manifold increase in the area and production of mulberry silk due to introduction of improved varieties of mulberry and improved breeds of silkworm. There has been increase in the silk production from 900 MT to 16000 MT in last five decades due to introduction of improved sericulture practices but still there exists a gap between what has been achieved and what could have been achieved. In the present study, an ex-post facto research design was followed. This study was carried out in Ahmednagar district of Maharashtra. In all, 65 villages from 13 tahsils with maximum area under sericulture and production were selected for the study purpose and sample of 160 respondents was selected. It is observed that majority of the respondent sericulturists were middle age, educated upto high school to Junior college *i.e.* 8<sup>th</sup> to 12<sup>th</sup>, had medium size of 6 to 10 members and in joint family, had medium experience in sericulture of 5 to 6 lots. Having medium annual income between Rs. 23,529 to Rs. 1,65,052 and income from sericulture between Rs. 19,158 to Rs. 1,45,556 and received upto 2 number of trainings, having small land holding *i.e.* 1.01 to 2.00 hectares and area under mulberry plantation was 0.41 to 0.80 ha and majority respondent sericulturists possessed rearing trays, rearing stands and leaf cutting knives, had tube well as a irrigation source and majority respondent sericulturists possessed separate rearing house, had medium cosmopolitaness, used medium sources of information, had medium social participation and had medium level of managerial skills.

**KEY WORDS:**

Knowledge, Adoption, Sericulture production technologies, Sericulturists

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