



ORIGINAL RESEARCH PAPER

Agricultural Science

SUCCESS STORIES: BIVOLTINE P₁ SEED COCOON PRODUCTION THROUGH ADOPTED SEED REARER

KEY WORDS:

Dr. P. M. M Reddy

Scientist-C, Central Silk Board, SSPC, Vijayapura, India

In India, Sericulture is essentially a village-based industry providing employment to a sizable section of the population. Although Sericulture is considered as a subsidiary occupation, technological innovation has made it possible to take it up on an intensive scale capable of generating adequate income. Besides capable of providing continuous income to farmers, it creates new avenues for engaging the rural folks in related activities leading to blocking the rural migration in search of livelihood.

It has certain inherent advantages of Bivoltine P₁ Seed rearing in Doddaballapura & Koratagere area through Silkworm Seed Production Centre, **Vijayapura**, Central Silk Board, large scale production of Bivoltine Double Hybrids which has resulted in improvement in the productivity and quality of dfls in commercially exploitation in bivoltine sericulture farmers.

The programme has been introduced at Central Silk Board to educate Seri culturists still a wide gap exists between the recommended technology and actual adoption by Seri culturists. To plan a suitable intervention strategy, to bridge this gap, it is necessary to understand the present knowledge and adoption level for improved technologies, so also existing mulberry leaf yield and cocoon production level. Therefore, present study was conducted to know the extent of adoption of improved practices at farmer's level in selected areas of Dodaballapura and koratagere, Siddlaghatta and Kolar covering five locations with purpose of finding whether or not by adopting the improved sericulture technologies are transferred meticulously and adopted sincerely. A gain to the extent an average of 55-60Kgs to 65-70Kgs in cocoon yield over the adaptation of new technologies. The details of the sericulture technologies demonstrated like package of practices, to maintain the soil structure, nursery techniques, Plantation spacing, wider spacing, application of manure, disease and pest management, rearing management and cleaning of rearing houses (disinfection) etc; and their cumulative impact are discussed.

Farmers Success story of **Mr. Myme Gowda, Chickkanahalli**, Nalamangala, Taluk, Bangalore Rural Dist. He was reared bivoltine P₁ Seed Rearing (Fc₁ & Fc₂), separately well maintained suitable, V₁ Mulberry Garden wider spacing 6x6feet and adopted drip irrigation 4-5 acrs and separate rearing house measuring about (80 x 23feet) for the capacity of 500-600dfls per batch an average yield per 100 dfls 75-80kgs@rate of Rs.780-800/kg know recent crop he reared 600dfls of Seed (Fc₁ & Fc₂) and he got total 475kgs @ the rate of 800/kg based on the pupation rate is above 95 percent as per the standard norms the total income of the Rs. 3,80,000 (Three Lakhs Eighty thousand only) .He reared per year minimum eight crops and 5-6 years experiences in P₁ seed rearing and to supply good quality of seed cocoons (above 90-95% pupation rate) to SSPC Vijayapura for the commercial loose egg production. He practices only sericulture is the best option in present ecological condition. He is very much willing to Bivoltine P₁ seed rearing and to produced good quality of seed cocoons to supply for commercial seed production, Sericulture is only one of my occupation and also look after my family by increasing annual income through mulberry sericulture throughout the year . It will also have positive impact on the neighboring farmers and the entire area shall be benefitted.

PHOTOGRAPHS

