

Success Story of Sericulture under MGNREGA Jalna District of Maharashtra

Name of the Asset : Sericulture Development Scheme

Location of the Asset : Gram Panchayat Shripatdhamangaon Tahsil Ghansavangi Dist.Jalna

Name and Contact Detail of Beneficiary : Sunil Arjun Shinde, Shripatdhamangaon Tahsil Ghansavangi

Dist.Jalna Mob.No.9373233505

Cost and FY : Total Cost Rs.292465/-

Overview of the Project :

Introduction to the work : Sericulture under Mahatma Gandhi National Rural Employment Guarantee Scheme is an Individual Beneficiary scheme. This scheme has three years tenure. It is implemented on individual farmers' fields. It includes mulberry plantation, construction of rearing house and rearing of silk worms for silk cocoon production. Farmers get income from sale of cocoons in the market. One farmer can rear silkworms 4 times in a year. Farmers can get four times income in a year. Mulberry is an evergreen plant requiring less water than other cash crops like sugarcane. Mulberry does not have severe pest and disease attacks. Once planted, it remains for 10-15 years. Silk cocoons have good rates in the market from Rs.30000-50000 per quintal. Farmers can produce 4-5 quintals of cocoons from the second year onwards. This gives farmers approximately Rs. 1.20-2.00 Lakh income from 1.00 acre of mulberry garden. Moreover, in the MGNREGA scheme, farmers get a total of 895 man-days for mulberry plantation, maintenance, construction of rearing houses and silk worm rearing in three years. Also, skill items like mulberry saplings, construction material, rearing appliances are given to farmers.

In the village Shripatdhamangaon, farmers are usually growing crops like cotton, bajara, jawar. Irrigation for crops in the village mostly depends on bore wells and wells. Overall irrigation for agriculture is not enough. In this context, farmers were in search of a crop that would give more returns with low water requirements. Sunil Shinde was one of them; he got information regarding sericulture from the District Sericulture Office, Jalna and started sericulture in his field from 2004-05. In the year 2018-19, he planted 1.00 acre of mulberry under the MGNREGA scheme. Now he has 2.50 acres of mulberry garden.

Need for Work :

The traditional crop like cotton does not give satisfactory output to the farmers. In terms of yield, 1.00 acre of cotton garden produces on an average 10 quintals of cotton, which gives Rs.50000/- income to the farmers. Expenditure for land preparation, inter-cultivation, spraying, harvesting and marketing is about Rs.25000/- per acre; it shows that farmers get approximately Rs.25000/- net profit from 1.00 acre of cotton field in a year. For this, they have to work hard and the risk of pest and diseases is very high. Every year, farmers have to do the same operation of cultivation.

In such a situation farmer need some crop which give more yield ,have low water requirement and least attack of pest and diseases. Mulberry sericulture fulfils their need.

Challenges :

Sericulture is non-traditional activity to Maharashtra farmers. It needs technical information regarding mulberry plantation, garden maintenance, silk worm rearing technology , its marketing.

Implementation Process :

How the work was implemented

The interested farmers for sericulture registered their names in Gram-Sabha of Grampanchayat. District Sericulture Office registered these farmers in MAHA-Reshim Abhiyan with their application and documents. In the month of April-May Technical Sanction was given to the beneficiary and proposal were submitted for Administrative sanction to Tahsildar. After receiving of Administrative Sanction and Work Order the work of mulberry plantation was start in the month of June to September. Meanwhile Geo-tagging of work was done and the muster for work was issued by Tahsildar. The measurement was done by Panel Technical Officer and noted in M.B. The sericulture Technical staff and District Sericulture officer have visit and observe the work time to time and give demand for next work.

Same procedure was followed for the work of Sunil Shinde. He started Sericulture under MGNREGA from 2018-19.

Convergence:

Sericulture Development scheme under MGNREGA is individual scheme not have any convergence.

Implementing Agency :

The District Sericulture Officer, District Sericulture Jalna is Implementing agency

Outstanding Contribution by individuals/functionaries :

The Sericulture Development scheme under MGNREGA is implemented and supervised by District Sericulture Office, Tahsil Office, District Collector and Divisional Commissioner Office. Success in sericulture is totally depends on technical knowledge regarding mulberry plantation, garden maintenance and silk worm rearing. In this regard the guidance and supervision of Sericulture Technical Staff is very essentials. Mr.Sunil Shinde always get technical input from sericulture office which results his crop is always success. He always get 70 kg cocoon yield per 100 Dfls. He got his muster payment in time as District Sericulture Office and Tahsil Office issue and submits musters in time. District Collector always support for sericulture farmers , Deputy Collector EGS always took review regarding muster payments and skill payment and ensures it should be paid in time to the beneficiary.

Impact

What are the benefits of the project and how it has changed the lives of villagers and beneficiary :

The beneficiary Mr.Sunil Shinde earns Rs. 40000/- from land where now he was planted mulberry. From year 2017-18 after adoption of sericulture he earned Rs.150000/- by saling silk cocoons from same piece of land. In addition he Rs.87000/-- from MGNRGEA Scheme as un skill and skill component. In his village Sripatdhamangaon 15 more beneficiary also doing sericulture. Sericulture with MGNREGA increases the income of these beneficiary.

Interesting data representation

Three years income of Mr.Sunil Arjun Shinde from sericulture, mulberry garden 2.50 acre

Year	No. of Dfls Reared	cocoon yield in kg	income in Rs.
2018-19	1800	1296	414720
2019-20	2000	1436	488240
2020-21 upto 31 Aug.	1450	650	111650
Total	5250	3382	1014610

Before and After analysis

Before adopting sericulture Mr.Sunil Shinde and Other beneficiary could not get income of Rs.40000/- from 1.00 acre of land after starting sericulture they are earning more than Rs.150000/- from same area.

Voice from the Field :

Testimonial of beneficiaries

I Mr.Sunil Arjun Shinde from Sripatdhamangaon village of Jalna said that " I am doing sericulture activity in my field since from 2004. I have increased my urea under sericulture under MGNREGA in 2018-19.I have got the proper technology of sericulture from District Sericulture Office ,Jalna. Now I am rearing 400 to 500 Dfls harvest 290 to 365 kg silk cocoon and Rs.75000 to 112000 per batch. In a year I harvest 1200-1500 kg silk cocoon of Rs.400000 to 500000/-. It is higher income compare to any other crop in my area. Mulberry can withstand with low water, it don't have any severe pest and disease, I have never sprayed any insecticide on mulberry. Its never required repeated expenditure on land preparation and plantation.

Sericulture with MGNREGA is an boon for marginal farmer. We can get wages of work that we are doing in our own field. In sericulture we are doing work for silk worm rearing and cocoon production for our income, in addition we get wages. Its really great opportunity to farmer for increasing their income. When Sericulture with MGNREGA is started with me also another 15 farmers are participated in the scheme and getting benefits. During lock-down period of April-May we are safely doing work at our own field and get wages. Also during month of April I sold cocoon of Rs. 71000/-. It create permanent assets like rearing house and mulberry garden to beneficiary like me."



Beneficiary Mr. Sunil Arjun Shinde, Village - Shripatdhamangaon Tah.Ghansavangi Dist. Jalna
Works for silkworm rearing under Sericulture in MGNREGA scheme 2018-19





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Beneficiary Mr. Sunil Arjun Shinde, Village - Shripatdhamangaon Tah.Ghansavangi Dist. Jalna
 With his Mulberry garden under Sericulture in MGNREGA scheme 2018-19



Latitude: 19.335043
 Longitude: 76.172237
 Accuracy: 2742.0 m
 Time: 28-07-2020 10:52
 Note: sunil Arjunrao shinde

M/s Disha Silk Industry

Plant Address - Gut No. 14, Village-Deemurdi Tq. & Dist Jalna-431203(M.H.)
 Office "Ajinkya" Bungalow, Bhagyanagar, Near Sharanmandir,
 Old Jalna, JALNA - 431213 (M.H.)

Ph: 99482 225771/225331
 Cell: 9989910477
 Email: dishaindustry@gmail.com
 GSTIN: 27AANFD355R120
 PAN: AANFD355R

Purchase Invoice

Bill No. **232** Date **18/7/19**

To: **Sunil Arjun sune shinde**
 Name of the Beneficiary **Sunil Arjun sune shinde** Tah **Ghansavangi Dist Jalna**
 Mob. No. **9899923355** A/c **Sindicat Bank, Kuc. Shripatdhamangaon**
 Beneficiary Bank Name & Branch **Sindicat Bank, Kuc. Shripatdhamangaon**
 Account No. **5135370001292** IFSC Code No. **54180005177**

Sr. No.	Particulars	Grade	Quantity Kg./GMS	Rate Per Kg.	Amount Rs.
1.	Mulberry Cocoon / Bivoltine (BV) Hybrid Cocoon	A+	275.76	360	104988.80
2.	Mulberry Double Cocoon		6.1	120	732
3.	Mulberry Spotted Cocoon		12.7	65	825.50
4.	Mulberry Faulty Cocoon				
			Total		106,346.30
				Transportation Charges	
				Grand Total	106,346.30

Amount in word **one lac six thousand three hundred fourty six only.**

Signature of Beneficiary

बहील खरेदी / विक्री केलेल्या मालाचे पैसे निकाल्याची पाव पत्रवली
 अथवा **one lac six thousand three hundred fourty six only.**
 अथवा **106346/-** रकम / बँक नं. **106346/-** रकम / बँक नं.
 * उपरोक्त प्रमाणे रकम निकाली. * पुढे कसल्याही प्रकारची उजळ पत्रवली नाही.

For: M/s. Disha Silk Industry
 Plant Manager

M/s. Disha Silk Industry
 माल विकाल्याची सही / अंमद

Beneficiary Mr. Sunil Arjun Shinde, Village - Shripatdhamangaon Tah.Ghansavangi Dist. Jalna
 under Sericulture in MGNREGA scheme 2018-19. His receipt of cocoon payment.